



# Federal Compliance Report

## Delta College

### 2012



Delta College

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## Credits, Program Length and Tuition

### Program Length

Under the authority of the State of Michigan to operate, and with taxing authority in Bay, Saginaw and Midland Counties as per state statute and approval of the local populace, Delta College has the authority to award undergraduate pre- and post-associate degree certificates, the Associate in Arts, Associate in Science, Associate in General Studies, Associate in Fine Arts, and Associate in Applied Science degrees. The College has established program length through Delta College Board of Trustee approval of Delta College Senate Policies governing degrees at the College. presented to the Delta College Senate following a rigorous curriculum review process. Delta College offers 85 career programs in addition to the AA, AS, and AGS:

1. Associate in Arts (AA) 62 Credits
2. Associate in Science (AS) 62 Credits
3. Associate in General Studies (AGS) 62 Credits
4. Associate in Fine Arts (AFA) 62 Credits
5. Associate in Applied Science (AAS) 62-103 Credits

The College also offers a variety of pre- and post-associate certificates of varying length (6-70 credits).

### Definition of a Credit Hour at Delta College

A one credit class meets for 55 minutes per week at Delta College. The College operates under a 15 week semester system. During the Spring/Summer term the College operates both a 15 week and two 7.5 week compressed semesters. For each credit, a student is expected to spend a minimum of two additional hours outside of class doing homework/preparing for class. The following table acts as a model for listing the minutes per semester a class meets for a given credit:

| Credit Hour(s) | Time per semester (55 min per credit * 15 week semester) |
|----------------|--|
| 1              | 825 minutes  |
| 2              | 1650 minutes   |
| 3              | 2475 minutes   |
| 4              | 3300 minutes   |
| 5              | 4125 minutes   |

There is a three tiered process of curriculum review, with committees comprised of both faculty and staff from across the College. Staff inclusions include representatives from the Registrar's, Counseling, Financial Aid and Institutional Research offices, with faculty representation coming from across the College and including all Divisional Chairs. All courses and programs must be accompanied by course and program outcomes and objectives, as established by the faculty in the content areas. All new associate degrees and certificates of 24 or greater credit hours must also be approved by the Delta College Board of Trustees. After Board of Trustee approval and Financial Aid ruling on Title IV funding eligibility, all new certificates are reported to the Higher Learning Commission (HLC) via the online Certificate Reporting and Approval process.

The number of credit hours proposed for any course or award relies on the knowledge of the discipline faculty and accrediting bodies and falls within the range of best practice in higher education. The College uses a modified Carnegie Unit (55 versus 50 minutes) for assigning credit values to courses.

The value of a credit is deemed to be one hour of clock time and a minimum of two hours of out of classroom work.

### **Different Formats of Courses/Programs**

Since the curricula at Delta College are driven by the faculty, the method of delivery for a course is a matter of Academic Freedom. Courses that run on compressed formats are scheduled in such a way as to assure the total time needed for the appropriate credits is maintained. The College is approved to offer up to 20% of its programs in a completely on-line format by the HLC.

The College offers courses in a variety of formats, including face-to-face, blended/hybrid and internet. All courses, regardless of format, must meet credit hour standards and course and program outcomes. All courses, regardless of delivery method, are set up with an online site within the College's LMS, Desire to Learn, or D2L.

To assure *quality* in on-line courses, the College offers two courses to assist faculty in developing the technical and pedagogical skills necessary for on-line teaching.

See Appendix A: HLC's Worksheet for Institutions on Credits and Program Length, Clock Hours and associated attachments for additional information on these topics.

### **Tuition Costs**

The tuition and fees at Delta College are set by the Delta College Board of Trustees. This is normally done at the May meeting of the Delta College Board of Trustees to allow projections to be made with the budget before it is approved at the June Delta College Board of Trustees meeting.

#### **Delta College Tuition and Fees Fall 2012**

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| Tuition per Credit \$86 In-District, \$135 Out-of-District, \$200 Out-of-State                |
| Technology Fee per Credit \$11  |
| Total Per Credit + Mandatory Fees \$97 In-District, \$146 Out-of-District, \$211 Out-of-State |
| <b>Additional Fees Based on Activity</b>  |
| Registration Fee per Term \$40 (all)  |
| Per Credit Fee for Online Course \$20   |
| Per Contact Fee for Contacts above Credits \$57 In-District (max 10 Contacts)                 |

All tuition and fees of all Michigan Community Colleges can be publically found at <http://www.michigancc.net/ccdata/default.aspx> .

## **Student Complaints**

Student Success is not only one of Delta College's Strategic Planning areas, but our primary purpose and activity. A part of assuring this success is the timely recognition, processing and resolution of student complaints.

The current process relies on individual areas monitoring and responding to student complaints, with the formal process given in the Delta College Senate Handbook. The first part of the process is for the student to make the complaint, then, depending on the type and severity of the complaint, it is initially handled by the appropriate faculty/staff member, Departmental Chair/Area Director, Dean, Vice President or the President. Where possible, the complaint is handled at the source point, with processes in place to forward the complaint if this cannot be done. Each complaint is documented and kept in the area of the College where the complaint happened, with appropriate notification to others at the institution.

The College is moving towards a software solution to handling all complaints at the institution, and to allow for better communication across College lines.

(Summary of Complaints Appendix C )

## **Transfer Policies**

### **Transfer Out**

In Michigan there is no state system of schools, so transfer to senior institutions is handled through transfer agreements with individual institutions and often individual programs at specific colleges. The College employs a person whose responsibilities includes maintaining and working to create new transfer agreements so that the transfer to other colleges goes as smoothly as possible for the student. Delta College fully participates in the Michigan Association of Collegiate Registrars and Admissions Officers credit transfer distribution agreement (MACRAO). Each counselor has access to copies of all transfer agreements so they can best work with students who wish to transfer and our curriculum process includes flags to help determine whether MACRAO schools need to be informed of course/program changes when they happen.

A comprehensive explanation for students of the transfer process and how it works can be found on [pages 24-30](#) of the college catalog, including how to access the Michigan Transfer Network. This area of the catalog also includes a list of the current transfer agreements in place with Michigan schools by subject matter area.

### **Transfer In**

Delta College reviews official transcripts for transfer credit evaluation. Official transcripts must have appropriate signatures and seals present on the submitted documents. Official transcripts are those mailed directly from the transfer institution to Delta College, or those received via other electronic methods on a prearranged basis between Delta College and the sending institution. Transcripts in the possession of the student will be deemed "unofficial" and may only be utilized for advising purposes. No credit will be posted to a Delta College transcript from student issued copies.

Official transcripts are evaluated approximately two weeks after receipt. Credits only, not grades, are accepted in transfer. A maximum of thirty-eight credits may be acquired through transfer, training or examination programs. Transfer credits will be posted to the student's permanent Delta College transcript. Delta College will grant equivalent course work for freshman and sophomore level courses in transfer from regionally accredited institutions. Higher level courses may be accepted if corresponding to a specific Delta College course. If Delta College does not have a department, or similar area, to those courses on the incoming transcript, no credit will be granted. Academic credit is not awarded for courses below 100 level. A minimum grade of "C" (2.0 on a 4.0 scale) is required for transfer. General Elective credit will be granted for courses meeting the minimum grade requirement listed above that are not equivalent to Delta College courses or disciplines.

Courses will be considered from regionally accredited institutions only if they are completed with a minimum “C” (2.0 on a 4.0 scale) or higher and those institutions are recognized and approved by the Council on Higher Education Accreditation (CHEA). Course work from non-regionally accredited institutions will be forwarded to the appropriate Division Chair or Discipline Coordinator for evaluation for occupational programs only. No credit will be granted for general education courses from non-regionally accredited institutions.

Delta College grants non-traditional credit for military training and select state and nationally recognized training programs and licensing credentials.

Delta College participates in the Michigan Transfer Network which warehouses course equivalencies among participating Michigan colleges and universities thus allowing students, faculty and staff to view equivalent courses between institutions. Delta also maintains a Transfer Wizard that warehouses all courses Delta College has evaluated from all transcripts received. This tool allows students, faculty and staff to review current equivalencies.

### **Verification of Student Identity**

Delta College uses the Desire2Learn (D2L) course management system for not only its online courses, but all courses. Each course at Delta has a D2L site set up for them each semester. Non-online courses have the option to use the site for various class activities and announcements. On the [D2L login](#) page are the following instructions:

“All Delta College students are required to update their Delta College Electronic Account password every 122 days. Notifications of the password expiration are sent to your Delta College email account. We recommend that you check your Delta College email often as messages from the College and instructors will be sent there. If you are unable to log into your eLearning course site, try updating your password at [signup.delta.edu](http://signup.delta.edu). You will need to know your student ID, date of birth, and social security number in order to update your account.”

This login and account information is required for access to many student services, including grades. Delta College operates the **Testing Center** which administers tests for both on-line (regardless of delivery method) and regular classes. Picture ID is required to take tests in the Testing Center. The Testing Center also offers the college’s advance placement and assessment testing and proctoring for students taking exams at other institutions of higher education.

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Delta College submitted its most recent Program Participation Agreement on May 21, 2009. The current Program Participation Agreement is active with an approval expiration date of March 31, 2015 (See Attached). Also, attached is Delta College's Eligibility and Certification Approval Report (ECAR).

Delta College has no current findings from any review activity by the Department of Education.

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The most recent Circular A-133 Compliance Supplement for Delta College is included in Appendix C.

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Delta College's most recent default rates as verified by the NSDLS website are as follows:

| Year         | 2009 | 2008 | 2007 |
|--------------|------|------|------|
| Default Rate | 9.3% | 8%   | 7.8% |

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| Delta College maintains an acceptable cohort default rate. For the last 3 years, our cohort default rate has been under 10% (2007 rate: 7.8%; 2008 rate: 8%; 2009 rate: 9.3%). (See attached reports.) Consequently, the college has received no requests for corrective action. The Financial Aid Office has implemented the core default reduction initiatives below in an effort to control and help minimize borrower default. |
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| Loan Application Process | <ul style="list-style-type: none"> <li>• Student loans are not automatically packaged from FAFSA application.</li> <li>• Students interested in loans must complete and sign a separate electronic loan request form (see example) <ul style="list-style-type: none"> <li>o Request form includes: <ul style="list-style-type: none"> <li>. Maximum yearly loan limits for dependent and independent students</li> <li>. Link to <a href="http://www.studentloans.gov">www.studentloans.gov</a></li> </ul> </li> <li>o Request form requires students to indicate: <ul style="list-style-type: none"> <li>. Total student loan indebtedness on request form. A link to the NSLDS website is provided. (This step ensures students know how much they have borrowed.)</li> <li>. Anticipated enrollment status</li> <li>. Loan type(s)</li> <li>. Dollar amount of the loan(s)</li> </ul> </li> </ul> </li> <li>• Students awarded loans receive an award letter (see example) which: <ul style="list-style-type: none"> <li>o Conveys loan award amounts</li> <li>o Explains the loan cancellation process (See loan cancellation form example)</li> <li>o Educates students regarding the terms of their loan</li> <li>o Explains the disbursement process</li> <li>o Provides a link to NSLDS, so that students may monitor indebtedness</li> </ul> </li> </ul> |

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| Entrance Loan Counseling                                   | <ul style="list-style-type: none"> <li>• Entrance loan counseling and the Master Promissory Note completion is required prior to loan certification/awarding</li> <li>• Counseling and MPN are completed at <a href="http://www.studentloans.gov">www.studentloans.gov</a> website</li> <li>• Follow-up communications are sent to students who have not completed these processes (see examples)</li> </ul>                                      |
| In-person Loan Advisement/Distribution of Loan Information | <ul style="list-style-type: none"> <li>• Advisors are available to meet with parents and students on a walk-in basis to advise, answer questions and disseminate information. Advisors also present periodically to classes at the main campus and our satellite centers</li> </ul>   |
| Delta Website – Financial Aid Webpage                      | <ul style="list-style-type: none"> <li>• Webpage (<a href="http://www.delta.edu/financial-aid-office/student-loans.aspx">http://www.delta.edu/financial-aid-office/student-loans.aspx</a>) provides the following information: <ul style="list-style-type: none"> <li>o How to apply</li> <li>o Frequently asked questions</li> <li>o Exit loan counseling and default information</li> <li>o Student loan code of conduct</li> </ul> </li> </ul> |
| Contact Information Collection/Communication               | <p>#<br/>#</p> <ul style="list-style-type: none"> <li>• Alternate email addresses and phone numbers are collected through admissions application and loan request form</li> <li>• Remaining loan balance checks are mailed to students, so students are more likely to provide college with up-to-date address information</li> <li>• Current contact information is shared with loan servicers through skip trace report responses</li> </ul>    |
| Financial Literacy Programming Initiatives                 | <ul style="list-style-type: none"> <li>• The Student Engagement Office works in coordination with the Michigan Guaranty Agency to offer yearly financial literacy presentations to Delta College students. Business and ABS instructors actively encourage their classes to participate</li> <li>• Financial literacy is a component of ABS 101W College Success courses</li> </ul>   |
| Faculty/Staff Education                                    | <ul style="list-style-type: none"> <li>• Periodic meetings with adjunct and full-time faculty members to discuss financial aid topics (attendance, student debt, etc.)</li> <li>• Email communications to department chairs regarding financial aid regulation changes and updates</li> <li>• SES division and individual SES department meetings to discuss the current financial aid issues and implications to students</li> </ul>             |
| Exit Loan Counseling                                       | <ul style="list-style-type: none"> <li>• Reports are run each semester to identify students who have graduated or stopped out and will likely go into repayment</li> <li>• An email is sent to these students (see example). Email advises students to complete Exit Loan Counseling and provides a variety of informational links (see examples)</li> </ul>  |

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| Development of Default Prevention Team  |   | Staff from: Admissions, Registration, Counseling/Advising, Career Placement, Financial Aid, Finance, Student Engagement, Institutional Research, Academics | <ul style="list-style-type: none"> <li>• Appoint Default Prevention Coordinator</li> <li>• Selection of initiatives to focus on</li> <li>• Development of action plans (see example)</li> <li>• Staff allocation</li> <li>• Evaluation of data</li> <li>• Education of college community</li> </ul> |   |
| Enhanced Outreach   |   |  | <ul style="list-style-type: none"> <li>• Identify/Profile Defaulted Borrower Groups</li> <li>• Utilize withdrawal and attendance data</li> <li>• Utilize SAP data</li> <li>• Early warning communications to students close to aggregate loan limits</li> </ul>                                     |   |
| Joint Initiatives with Retention Office   |   |  | <ul style="list-style-type: none"> <li>• Evaluation of stop-out data</li> <li>• Call campaigns</li> </ul>   |   |
| Loan Reminder Program for Returning Borrowers   |   |  | <ul style="list-style-type: none"> <li>• Informational handouts or counseling sessions</li> </ul>   |   |
| Limit Loan Packaging to Direct Costs Only   |   |  |   |   |
| Enhanced Use of NSLDS Reporting Tools   |   |  |   |   |
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| FSA Publications<br><a href="http://www.edpubs.gov/document/en0989p.pdf">http://www.edpubs.gov/document/en0989p.pdf</a>   |   |  |   |   |
| Loan Counseling Links   |   |  |   |   |
| <ul style="list-style-type: none"> <li>• Entrance Counseling: <a href="https://studentloans.gov/myDirectLoan/index.action">https://studentloans.gov/myDirectLoan/index.action</a></li> <li>• Exit Counseling: <a href="http://www.nslds.ed.gov/nslds_SA/SaEcWelcome.do">http://www.nslds.ed.gov/nslds_SA/SaEcWelcome.do</a></li> </ul>  |   |  |   |   |
| Default Management Best Practices   |   |  |   |   |
| <ul style="list-style-type: none"> <li>• <a href="http://dhe.mo.gov/ppc/studentloans/defaultprevention.php">http://dhe.mo.gov/ppc/studentloans/defaultprevention.php</a></li> <li>• <a href="http://studentlendinganalytics.typepad.com/student_lending_analytics/2010/02/education-sector-report-what-are-best-practices-for-managing-student-loan-defaults.html">http://studentlendinganalytics.typepad.com/student_lending_analytics/2010/02/education-sector-report-what-are-best-practices-for-managing-student-loan-defaults.html</a></li> </ul>  |   |  |   |   |
| Management Plan Information and Templates   |   |  |   |   |
| <ul style="list-style-type: none"> <li>• General Plan Information: <a href="http://ifap.ed.gov/dpccletters/GEN0514.html">http://ifap.ed.gov/dpccletters/GEN0514.html</a></li> <li>• Action Plan: <a href="http://ifap.ed.gov/qahome/mgtenhancementwk.html">http://ifap.ed.gov/qahome/mgtenhancementwk.html</a></li> <li>• Quality Assurance Program: <a href="http://ifap.ed.gov/qahome/qaassessments/defaultmanagement.html">http://ifap.ed.gov/qahome/qaassessments/defaultmanagement.html</a></li> <li>• Cohort Default Rate Guide: <a href="http://ifap.ed.gov/DefaultManagement/guide/attachments/CDRMasterFile.pdf">http://ifap.ed.gov/DefaultManagement/guide/attachments/CDRMasterFile.pdf</a></li> </ul> |   |  |   |   |

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Delta College Complies with the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act. Each fall term, the College posts its Safety and Security Information document, including crime statistics; policies; resources for students; and student right-to know information.

<http://www.delta.edu/files/PublicSafety/annual-security-report-2011.pdf>

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| <b>DELTA COLLEGE FINANCIAL AID OFFICE</b><br><b>Standards of Academic Progress</b>  |   |
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| Delta College has policies and practices in place for ensuring compliance with satisfactory academic progress (SAP) standards (see attached). Students can view the SAP standards at the following link.<br><a href="http://www.delta.edu/financial-aid-office/standardsofacademicprogress.aspx">http://www.delta.edu/financial-aid-office/standardsofacademicprogress.aspx</a> Students must make satisfactory academic progress toward the completion of a certificate or associate degree to be eligible for financial aid. Those not maintaining SAP standards in terms of grade point average (GPA), completion rate (UC), and or Program Length (PL), have the option to appeal this decision. Only those students demonstrating the ability to once again meet SAP are eligible for financial aid probation. |   |
| Notification to students not maintaining SAP standards  | Notified via a denial email (see example). Link provided to financial aid probation appeal form on denial letter.   |
| Financial Aid Probation Appeal Application Process  | Must complete the appeal form, submit a written response explaining factors impacting their ability to maintain academic standards, and also describe steps taken to ensure future academic success. Students are strongly encouraged to submit supporting documentation. Students are required to submit an academic plan developed in conjunction with their academic advisor or counselor. Students who have not attended Delta College in the past three or more academic years must complete the Passport to Success re-orientation program, before a determination regarding their appeal will be made (see email example). |
| Appeal Preparation  | Appeals forms received and prepared for review by the Financial Aid Office. Staff members log each appeal into Datatel, update SAPC and print worksheets for each student. These documents are provided to the Appeals Committee for review.  |
| Appeal Committee Members  | Comprised of Student and Educational Services Division staff members from Financial Aid, Counseling and Admissions offices.   |
| Meetings  | Committee meets once a week   |
| Committee Decisions   | Approval/denial rational documented on financial aid appeal form. Signed by committee members (see attached financial aid probation appeal form).   |
| Correspondence to Students  | Decision is sent via email. Students may seek additional information by speaking with a Financial Aid Representative in-person or by phone (see attached letters).  |

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| Second Appeal | If initial appeal is denied by the Appeals Committee, the student may appeal one more time during the semester to the Director of Financial Aid, who will render a final and binding decision. (see financial aid probation second appeal form). |
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**DELTA COLLEGE FINANCIAL AID OFFICE**  
**Attendance Policies and Practices**

Delta College has policies and practices in place to ensure compliance with Federal regulations regarding attendance for financial aid recipients (see attached). Students can view the attendance guidelines at the following link.

<http://www.delta.edu/financial-aidoffice/attendancepolicy.aspx>

Failing to complete attendance for a class can impact a student’s current federal financial aid and future financial aid eligibility.

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| Financial aid attendance procedures                       | An advisor is assigned to monitor attendance on a daily, weekly and semester timeframe. Reports are reviewed for each student who has withdrawn from all classes, failed all classes, or a combination of both. In addition, a second advisor reviews calculations to ensure accuracy.   |
| Non-attendance process for faculty                        | All faculty members are sent an email at the beginning of the semester. The email instructs faculty to withdraw students that did not physically attend class and did not officially submit a student initiated withdrawal. Students reported through this process are withdrawn during the 100% refund period. (See attachment)                                 |
| Instructor- initiated withdrawals throughout the semester | When students cease attendance or when a student does not begin attendance for a class that begins at a later date in the semester, an instructor initiated drop form should be used. The instructor reports the last date of attendance on the form. (see attached)   |
| Last date of attendance is required                       | Per Delta College Senate policy 4.10 (see attached), faculty are required to compile and retain accurate attendance records. Federal regulations mandates that an institution requires faculty to collect attendance, the last date of attendance must be used for R2T4 calculations. Delta College uses last date of attendance for financial aid calculations. |
| Student withdraws   | The instructor will receive an email that lists students who have withdrawn from their class. Instructors have 14 days from the date of the email to report last date of attendance. This allows the financial aid office to adjust aid within the appropriate time frame.   |

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| Notification to students | Students receive communication informing them that an R2T4 calculation has been calculated and an outstanding balance is due. A copy of their registration statement is enclosed to inform the student of the amount owed. During this process, a hold is placed on the student's account. The student is not able to register for future semesters or request a transcript until the bill is paid in full or the student sets up a payment plan with the Delta College Student Finance Office. |
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**Financial Aid Disclosures**

The Delta College Financial Aid Office makes certain information available to the student population, parents of students, its staff and the community.

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|---|---|
| Who is responsible for maintaining the accuracy and timeliness of the information?            | Financial Aid Office staff maintains and monitors information provided to students on the Delta College website. Financial Aid advisors are responsible to maintain and monitor required disclosure information for their assigned programs. The Financial Aid lead office professional also monitors the website for accurate disclosure information.  |
| How and in what format is disclosure information provided?                                    | In most cases, disclosure information is provided on the Delta College website, specifically under the “Financial Information” link. This allows all prospective and current Delta College students access to this information. Additionally, financial information is sent frequently via email to students who qualify for specific financial aid programs, are on financial aid probation, etc.  |
| How is information conveyed to students?  | The information links are posted on the student portal at different times during the year and an email is sent to students to their Delta College email account to inform them of the availability of this information.   |
| A description of all available financial aid programs.  | This information includes procedures and forms required to apply, student eligibility requirements, and criteria for selecting recipients and for determining award amounts. Information is available at:<br><a href="http://www.delta.edu/financial-aid-office/types-of-financial-aid.aspx">http://www.delta.edu/financial-aid-office/types-of-financial-aid.aspx</a>  |
| Direct student loan program terms and conditions.   | Information is made available concerning student loan types, loan limits, interest rates, and fees. A link to StudentLoans.gov offers valuable debt management information. This information can be accessed at:<br><a href="http://www.delta.edu/financial-aid-office/student-loans.aspx">http://www.delta.edu/financial-aid-office/student-loans.aspx</a>   |
| General terms and conditions regarding the Federal work-study program and student employment. | Information regarding possible Federal work-study opportunities can be accessed at:<br><a href="http://www.delta.edu/financial-aid-office/work-studyopportunitiesandguidelines.aspx">http://www.delta.edu/financial-aid-office/work-studyopportunitiesandguidelines.aspx</a><br><br>Additional employment information including instructions explaining how to apply for positions can be obtained at:<br><a href="http://www.delta.edu/counselingandcareerservices/employment/student.aspx">http://www.delta.edu/counselingandcareerservices/employment/student.aspx</a> |
| Method and frequency of financial assistance disbursements to students.                       | Information is made available to students concerning the distribution of financial aid balance checks, student loan checks, refund checks and credit card refunds at:<br><a href="http://www.delta.edu/businessservices/finance/checkdistribution.aspx">http://www.delta.edu/businessservices/finance/checkdistribution.aspx</a>  |

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| Criteria for continued eligibility under each program and standards of satisfactory academic progress.   | Information is provided regarding program eligibility at:<br><a href="http://www.delta.edu/financial-aid-office/types-of-financial-aid.aspx">http://www.delta.edu/financial-aid-office/types-of-financial-aid.aspx</a><br><br>Standards of academic progress can be viewed at:<br><a href="http://www.delta.edu/financial-aid-office/standardsofacademicprogress.aspx">http://www.delta.edu/financial-aid-office/standardsofacademicprogress.aspx</a>  |
| Criteria by which students who have failed to maintain satisfactory academic progress may re-establish eligibility for financial assistance.                     | Students not maintaining <u>Standards of Academic Progress for Financial Aid Recipients</u> receive notification of financial aid denial from the Financial Aid Office. This notification is sent via email to the student's Delta College email account. Students denied financial aid, for this reason, have the right to appeal for future financial aid. Mitigating circumstances which can be shown to have adversely impacted academic success should be documented. Circumstances beyond the reasonable control of students, such as injury or illness, death of a family member, or other special circumstances may be grounds for successful appeals.<br>Information is available at: <a href="http://www.delta.edu/financial-aid-office/appeals.aspx">http://www.delta.edu/financial-aid-office/appeals.aspx</a> |
| Loan Exit Counseling information   | Students who have obtained educational loans while at Delta College and have either recently graduated or are no longer attending receive notification of loan exit counseling requirements. Disclosure information is provided at:<br><a href="http://www.delta.edu/financial-aid-office/student-loans/stafford-loan-exit-counseling-default-information.aspx">http://www.delta.edu/financial-aid-office/student-loans/stafford-loan-exit-counseling-default-information.aspx</a>   |
| Net Price Calculator   | Delta College encourages current and future students to use the <u>Net Price Calculator</u> to estimate the approximate cost of attendance at our college.<br>Information is available at:<br><br><a href="http://www.delta.edu/financial-aid-office/netpricecalculator.aspx">http://www.delta.edu/financial-aid-office/netpricecalculator.aspx</a>  |
| Athletic disclosures, communications and information regarding Delta College's commitment to providing equitable opportunities for its male and female students. | Athletic information is provided to students at:<br><a href="http://www.delta.edu/athleticsandsports.aspx">http://www.delta.edu/athleticsandsports.aspx</a><br><br>Links are provided to the EADA annual report and Equity in Athletics report on the above webpage.   |

Additional information may be found in the catalog pages 9-20.

- 6 **Contractual Relationships** – Delta College currently has no contractual relationships as defined by the Commission policy 1.6; 3.2)d)1
- 7 **Consortial Relationships** - Delta College currently has no contractual relationships as defined by the Commission policy 1.6; 3.2)d)1

## **Institutional Disclosures and Advertising and Recruitment Materials**

Delta College discloses its accreditation with the Higher Learning Commission in its catalog on [page 5 and page 8](#) (Note all references are to the 2011-12 Catalog.) and on the web at: <http://www.delta.edu/aboutdelta/importantfacts/accreditation.aspx> and <http://www.delta.edu/aqip/accreditation.aspx> .

## **Relationship with other Accrediting Agencies and with State Regulatory Bodies**

A list of occupational specialty accreditations related to Delta College can be found on [page 7](#) of the catalog.

All specialty accreditations are in good standing.

## **Public Notification of Comprehensive Evaluation Visit and Third Part Comment**

The College placed ads about its upcoming Quality Checkup Visit in 3 local newspapers: The Bay City Times, The Saginaw News, and The Midland Daily News. The information was also published in the Delta College student newspaper The Delta Collegiate, as well as being displayed on the College homepage. (Appendix E)

# Appendix A: Assignment of Credit Hours

## Part One: Institutional Calendar, Term Length, and Type of Credit

| Terms  | Delta College Academic Year<br>(Fall/Winter & Spring)<br>Fall = Aug – Dec<br>Winter = Jan – April<br>Spring = May – June<br>Summer = July – Aug<br><br>*Some courses may run May - Aug | Column 1<br>Term Length:<br>Number of weeks  | Column 2<br>Number of Starts |           |
|--|--|--|------------------------------|-----------|
| <b>Semester /<br/>Trimester<br/>Calendar</b> | Standard Format:<br>14-17 week term  | <b>2 (15 wks)</b>  | <b>3,158</b>                 |           |
|  | Compressed Formats:<br>4, 8 or other week terms within the<br>semester calendar <sup>1</sup>   | <b>2 (10-13 wks)</b>   | <b>250</b>                   |           |
|  |  | <b>2 (6 – 9 wks)</b>   | <b>484</b>                   |           |
|  |  | <b>2 ( 1 – 5 wks)</b>  | <b>222</b>                   |           |
|  | Summer Term  | <b>1 (10 – 15 wks)</b>   | <b>132</b>                   |           |
|  |  | <b>1 (7 – 9 wks)</b>   | <b>390</b>                   |           |
|  |  | <b>1 ( 1-6 wks)</b>  | <b>247</b>                   |           |
|  | <b>Quarter Calendar</b>  | Standard Format:<br>10-12 week term  | <b>NA</b>                    | <b>NA</b> |
|  |  | Compressed Formats:<br>2, 5, or other week terms within the<br>quarter calendar <sup>1</sup> | <b>NA</b>                    | <b>NA</b> |
| Summer Term                                  |  | <b>NA</b>  | <b>NA</b>                    |           |

**Non-Standard Terms** (terms that are not semester, trimesters, or quarters. A non-standard term may have the following characteristics: courses do not begin and end within a set period of time; courses overlap terms, including self-paced and independent study courses or sequential courses that do not begin and end within a term; terms may be of equal or unequal length.)

| <b>Term</b>                               |             | <b>Column 1<br/>Term Length:<br/>Number of<br/>weeks</b> | <b>Column 2<br/>Number of Starts</b> | <b>Column 3<br/>Type of Credit</b> |
|---|-------------|--|--------------------------------------|------------------------------------|
| <b>Non-Standard<br/>Term<br/>Calendar</b> | Term One    | NA   | NA                                   | NA                                 |
|   | Term Two    | NA   | NA                                   | NA                                 |
|   | Term Three  | NA   | NA                                   | NA                                 |
|   | Summer Term | NA   | NA                                   | NA                                 |

**LIST OF SECTIONS THAT EXTEND BEYOND START OR END DATES OF TERM**

**CD 117W-FA220 & ENG 113-FA710**

Students need more time to complete practicum hours. (ENG 113 is part of the PT program)

**DMS 105W-FA110**

This was a late starting section. We no longer run it this late.

**EDU 390W-FA100**

This course is offered to faculty only – First Year Experience Program.

**EMS 110-FA501, EMS 111-FA501, EMS 112-FA501, EMS 113-FA501, EMS 113-FA503**

These sections need additional time due to clinicals.

## Part Two. Format of Courses and Number of Credits Awarded

### Form for Reporting an Overview of Credit Hour Allocations and Instructional Time for Courses

Complete a separate form for each term length specified in Part One, Columns 1 and 2 above.

### Form for Reporting an Overview of Credit Hour Allocations and Instructional Time for Courses

**Term and Length:** Fall 2011, 14 AND 17 Weeks

| # Credits Awarded | Instructional Time | Course Formats |                      |                     |                    |  |                    |                                 |
|-------------------|--------------------|----------------|----------------------|---------------------|--------------------|--|--------------------|---------------------------------|
|                   |                    | 1. FTF Courses | 2. Mixed FTF Courses | 3. Distance Courses | 4. Corresp Courses | 5. Independent/ Directed Study Courses | 6. Weekend College | 7. Internship/ Practica Courses |
| .01 to 1 Credits  | # of Courses       | 36             | 0                    | 3                   | 0                  | 2                                      | 0                  | 5                               |
|                   | # of Meetings      | 15-80          | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
|                   | Meeting Length     | 0.5-10.1       | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
| 1.01 to 2 Credits | # of Courses       | 67             | 3                    | 19                  | 0                  | 1                                      | 0                  | 6                               |
|                   | # of Meetings      | 14-80          | 15-30                | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
|                   | Meeting Length     | 1-10.1         | 1.5-2                | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
| 2.01 to 3 Credits | # of Courses       | 229            | 7                    | 63                  | 0                  | 13                                     | 0                  | 3                               |
|                   | # of Meetings      | 14-105         | 14-30                | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
|                   | Meeting Length     | 1-10.1         | 1-3                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
| 3.01 to 4 Credits | # of Courses       | 95             | 10                   | 12                  | 0                  | 9                                      | 0                  | 0                               |
|                   | # of Meetings      | 14-80          | 14-15                | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
|                   | Meeting Length     | 0.5-10.1       | 2-6.5                | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
| 4.01 to 5 Credits | # of Courses       | 12             | 0                    | 0                   | 0                  | 0                                      | 0                  | 2                               |
|                   | # of Meetings      | 15-60          | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 74-100                          |
|                   | Meeting Length     | 1.1-7.5        | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
| 5.01 to 6 Credits | # of Courses       | 7              | 0                    | 0                   | 0                  | 1                                      | 0                  | 1                               |
|                   | # of Meetings      | 15-80          | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
|                   | Meeting Length     | 2.5-10.1       | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
| 6.01 to 7 Credits | # of Courses       | 0              | 0                    | 0                   | 0                  | 0                                      | 0                  | 1                               |
|                   | # of Meetings      | 0-0            | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
|                   | Meeting Length     | 0-0            | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
| 7.01 to 8 Credits | # of Courses       | 3              | 0                    | 0                   | 0                  | 0                                      | 0                  | 0                               |
|                   | # of Meetings      | 27-59          | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
|                   | Meeting Length     | 2.2-4.6        | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |

**Term and Length:**

Fall 2011, 10 AND 13 Weeks

| # Credits Awarded | Instructional Time | Course Formats |                      |                     |                    |                                       |                    |                                |
|-------------------|--------------------|----------------|----------------------|---------------------|--------------------|---------------------------------------|--------------------|--------------------------------|
|                   |                    | 1. FTF Courses | 2. Mixed FTF Courses | 3. Distance Courses | 4. Corresp Courses | 5. Independent/Directed Study Courses | 6. Weekend College | 7. Internship/Practica Courses |
| .01 to 1 Credits  | # of Courses       | 10             | 1                    | 0                   | 0                  | 4                                     | 0                  | 3                              |
|                   | # of Meetings      | 10-32          | 10-10                | 0-0                 | 0-0                | 0-0                                   | 0-0                | 0-0                            |
|                   | Meeting Length     | 1-6            | 2-2                  | 0-0                 | 0-0                | 0-0                                   | 0-0                | 0-0                            |
| 1.01 to 2 Credits | # of Courses       | 15             | 3                    | 3                   | 0                  | 1                                     | 0                  | 2                              |
|                   | # of Meetings      | 10-42          | 13-13                | 0-0                 | 0-0                | 0-0                                   | 0-0                | 0-0                            |
|                   | Meeting Length     | 1.1-9          | 2.3-2.3              | 0-0                 | 0-0                | 0-0                                   | 0-0                | 0-0                            |
| 2.01 to 3 Credits | # of Courses       | 11             | 5                    | 3                   | 0                  | 7                                     | 0                  | 0                              |
|                   | # of Meetings      | 10-49          | 13-13                | 0-0                 | 0-0                | 0-0                                   | 0-0                | 0-0                            |
|                   | Meeting Length     | 1.6-7.1        | 2.3-2.3              | 0-0                 | 0-0                | 0-0                                   | 0-0                | 0-0                            |
| 3.01 to 4 Credits | # of Courses       | 5              | 0                    | 0                   | 0                  | 3                                     | 0                  | 0                              |
|                   | # of Meetings      | 12-28          | 0-0                  | 0-0                 | 0-0                | 0-0                                   | 0-0                | 0-0                            |
|                   | Meeting Length     | 2-8.1          | 0-0                  | 0-0                 | 0-0                | 0-0                                   | 0-0                | 0-0                            |
| 4.01 to 5 Credits | # of Courses       | 1              | 0                    | 0                   | 0                  | 0                                     | 0                  | 1                              |
|                   | # of Meetings      | 25-25          | 0-0                  | 0-0                 | 0-0                | 0-0                                   | 0-0                | 0-0                            |
|                   | Meeting Length     | 3-3            | 0-0                  | 0-0                 | 0-0                | 0-0                                   | 0-0                | 0-0                            |
| 5.01 to 6 Credits | # of Courses       | 1              | 0                    | 0                   | 0                  | 0                                     | 0                  | 0                              |
|                   | # of Meetings      | 26-26          | 0-0                  | 0-0                 | 0-0                | 0-0                                   | 0-0                | 0-0                            |
|                   | Meeting Length     | 8-8            | 0-0                  | 0-0                 | 0-0                | 0-0                                   | 0-0                | 0-0                            |
| 6.01 to 7 Credits | # of Courses       | 0              | 0                    | 0                   | 0                  | 0                                     | 0                  | 0                              |
|                   | # of Meetings      | 0-0            | 0-0                  | 0-0                 | 0-0                | 0-0                                   | 0-0                | 0-0                            |
|                   | Meeting Length     | 0-0            | 0-0                  | 0-0                 | 0-0                | 0-0                                   | 0-0                | 0-0                            |
| 7.01 to 8 Credits | # of Courses       | 1              | 0                    | 0                   | 0                  | 0                                     | 0                  | 0                              |
|                   | # of Meetings      | 72-72          | 0-0                  | 0-0                 | 0-0                | 0-0                                   | 0-0                | 0-0                            |
|                   | Meeting Length     | 3-3            | 0-0                  | 0-0                 | 0-0                | 0-0                                   | 0-0                | 0-0                            |

**Term and Length:**
Fall 2011, 6 AND 9 Weeks

| # Credits Awarded | Instructional Time | Course Formats |                      |                     |                    |  |                    |                                 |
|-------------------|--------------------|----------------|----------------------|---------------------|--------------------|--|--------------------|---------------------------------|
|                   |                    | 1. FTF Courses | 2. Mixed FTF Courses | 3. Distance Courses | 4. Corresp Courses | 5. Independent/ Directed Study Courses | 6. Weekend College | 7. Internship/ Practica Courses |
| .01 to 1 Credits  | # of Courses       | 46             | 1                    | 11                  | 0                  | 1                                      | 0                  | 1                               |
|                   | # of Meetings      | 6-45           | 8-8                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
|                   | Meeting Length     | 1-3.9          | 2-2                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
| 1.01 to 2 Credits | # of Courses       | 19             | 2                    | 1                   | 0                  | 1                                      | 0                  | 0                               |
|                   | # of Meetings      | 6-30           | 8-16                 | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
|                   | Meeting Length     | 1.6-8.6        | 1.9-4                | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
| 2.01 to 3 Credits | # of Courses       | 8              | 0                    | 2                   | 0                  | 2                                      | 0                  | 0                               |
|                   | # of Meetings      | 15-52          | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
|                   | Meeting Length     | 1.75-7.1       | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
| 3.01 to 4 Credits | # of Courses       | 5              | 0                    | 2                   | 0                  | 1                                      | 0                  | 0                               |
|                   | # of Meetings      | 14-25          | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
|                   | Meeting Length     | 3.5-8.6        | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
| 4.01 to 5 Credits | # of Courses       | 2              | 0                    | 0                   | 0                  | 0                                      | 0                  | 0                               |
|                   | # of Meetings      | 40-70          | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
|                   | Meeting Length     | 1.5-2.5        | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
| 5.01 to 6 Credits | # of Courses       | 3              | 0                    | 0                   | 0                  | 0                                      | 0                  | 0                               |
|                   | # of Meetings      | 48-90          | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
|                   | Meeting Length     | 1-3            | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
| 6.01 to 7 Credits | # of Courses       | 0              | 0                    | 0                   | 0                  | 0                                      | 0                  | 0                               |
|                   | # of Meetings      | 0-0            | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
|                   | Meeting Length     | 0-0            | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
| 7.01 to 8 Credits | # of Courses       | 3              | 0                    | 0                   | 0                  | 0                                      | 0                  | 0                               |
|                   | # of Meetings      | 21-135         | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
|                   | Meeting Length     | 1-6.6          | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |

**Term and Length:**

Fall 2011, 1 AND 5 Weeks

| # Credits Awarded | Instructional Time | Course Formats |                      |                     |                    |  |                    |                                 |
|-------------------|--------------------|----------------|----------------------|---------------------|--------------------|--|--------------------|---------------------------------|
|                   |                    | 1. FTF Courses | 2. Mixed FTF Courses | 3. Distance Courses | 4. Corresp Courses | 5. Independent/ Directed Study Courses | 6. Weekend College | 7. Internship/ Practica Courses |
| .01 to 1 Credits  | # of Courses       | 24             | 2                    | 7                   | 0                  | 2                                      | 0                  | 0                               |
|                   | # of Meetings      | 2-9            | 1-2                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
|                   | Meeting Length     | 1.5-8          | 8-8                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
| 1.01 to 2 Credits | # of Courses       | 12             | 2                    | 1                   | 0                  | 2                                      | 0                  | 0                               |
|                   | # of Meetings      | 5-34           | 5-16                 | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
|                   | Meeting Length     | 1.75-6.1       | 3-4                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
| 2.01 to 3 Credits | # of Courses       | 8              | 1                    | 0                   | 0                  | 2                                      | 0                  | 3                               |
|                   | # of Meetings      | 5-17           | 10-10                | 0-0                 | 0-0                | 0-0                                    | 0-0                | 5-5                             |
|                   | Meeting Length     | 3-4            | 3-3                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 3-3                             |
| 3.01 to 4 Credits | # of Courses       | 2              | 0                    | 0                   | 0                  | 2                                      | 0                  | 0                               |
|                   | # of Meetings      | 20-56          | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
|                   | Meeting Length     | 1.6-4.5        | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
| 4.01 to 5 Credits | # of Courses       | 0              | 0                    | 0                   | 0                  | 0                                      | 0                  | 0                               |
|                   | # of Meetings      | 0-0            | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
|                   | Meeting Length     | 0-0            | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
| 5.01 to 6 Credits | # of Courses       | 0              | 0                    | 0                   | 0                  | 0                                      | 0                  | 0                               |
|                   | # of Meetings      | 0-0            | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
|                   | Meeting Length     | 0-0            | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
| 6.01 to 7 Credits | # of Courses       | 0              | 0                    | 0                   | 0                  | 0                                      | 0                  | 0                               |
|                   | # of Meetings      | 0-0            | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
|                   | Meeting Length     | 0-0            | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
| 7.01 to 8 Credits | # of Courses       | 0              | 0                    | 0                   | 0                  | 0                                      | 0                  | 0                               |
|                   | # of Meetings      | 0-0            | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |
|                   | Meeting Length     | 0-0            | 0-0                  | 0-0                 | 0-0                | 0-0                                    | 0-0                | 0-0                             |

## Other Courses Not Reported Above

### EXPLANATION OF COURSES WITH SIX OR MORE CREDITS

#### **AGM 112W**

Explanation: This course is six credits because the National Automotive Technicians Education Foundation (NATEF) requires a minimum of 120 student to Instructor contact hours. Required for NATEF Certification.

#### **AUT 112W**

Explanation: This course is six credits because the National Automotive Technicians Education Foundation (NATEF) requires a minimum of 120 student to Instructor contact hours. Required for NATEF Certification.

#### **AUT 216**

Explanation: This course is six credits because the National Automotive Technicians Education Foundation (NATEF) requires a minimum of 90 student to Instructor contact hours. Required for NATEF Certification.

#### **AUT 218W**

Explanation: This course is eight credits because the National Automotive Technicians Education Foundation (NATEF) requires a minimum of 125 student to Instructor contact hours. Required for NATEF Certification.

*National Automotive Technicians Education Foundation (NATEF) of Leesburg VA is an accreditation program that sets the program standards and evaluation procedures for secondary and post-secondary levels of automotive programs.*

#### **CD 117W**

Explanation: This class focuses on teaching developmentally appropriate activities while volunteering in an approved preschool or kindergarten classroom. Application of developmentally appropriate practice and theory during 12 hours per week in an approved student teaching classroom, for a total of 150 contact hours.

#### **CJ 101**

Explanation: This class provides the basic training necessary to assume the duties of a police officer in preparation for MCOLES (Michigan Commission on Law Enforcement Standards) state certification. Includes constitutional law, criminal law, laws of arrest, search and seizure, investigative techniques, first aid, firearms, motor vehicle laws, defensive tactics, and patrol techniques. To accomplish this, police recruits are on campus Monday – Friday for an average of 10 hours per day (usually 7:00 a.m. - 5:00 p.m., with exceptions based on training), in conjunction with three other courses taken concurrently (OAT 153, LW 280, and LWT 175).

#### **DH 215**

Explanation: Provides the opportunity to practice and increase the students' proficiency skill levels of advanced instruments from previous Dental Hygiene courses. This is a clinical course and students must practice to be able to perform certain competencies there is 180 hours of time allotted to this course.

**MS 230**

Explanation: This class has been reduced to 4 credits. This change was done to align with the skilled trades co-listed versions of this course.

**MTP 301**

Explanation: Provides an in-depth view of the history, theory, terminology, physiology, pathology, and basic techniques of both Western and Eastern medical models used during the stages of rehabilitation. Covers aspects of ethics, law, business, and marketing, and develops students use and integration of structural-based and energy-based body systems. Includes Swedish massage, structural-based massage, Myofascial release, trigger point therapy, traditional Chinese medicine, acupressure, shiatsu, reflexology, and other advanced techniques. This course is taken as a post-certificate/degree option after completion of the LPN or RN program or PTA program. This course incorporates 90 hours of time in the classroom and in lab settings.

**PNE 121W**

Explanation: Focuses on the Nursing Process as applied to basic human needs, introduces concepts and theories related to holistic patient care and health education. Includes nutrition, cultural, psychosocial, basic mental health concepts and legal aspects pertaining to practical nursing. This course is an introductory course to adult care. The students enrolled in this course are part of a program and thus take courses specific to their program of study. This course is offered over 15 weeks and meets 6 hours per week.

**RAD 220**

Explanation: Provides structured clinical experience necessary to perform radiographic procedures of the shoulder girdle, bony thorax, cervical spine, thoracic spine, lumbar spine, pelvis, and hips. May require weekend and evening assignments. This is a clinical experience that takes place in a hospital setting and the students must complete 395 hours of clinical time improving their competence in the areas outlined above. This course is part of a clinical program that leads to an associate degree.

**RT 226**

Explanation: Provides the opportunity to review the theory and practice clinical skills related to the respiratory system. This course builds on prior clinical exposure. Students are learning in a hospital environment and working with clinical instructors providing care to various patients. The students must complete 240 hours of instruction. This is built into and is part of a program that leads to an associate degree.

**SKEL 101**

Explanation: Meets for 90 combined hours between lecture and lab hours. Students apply theory and application to train industrial electricians. The students construct electrical circuits and troubleshoot and use basic test instruments. Many community colleges divide the content into either 2-3 or 2-4 credit hours courses. The course meets twice a week in order to get these electrician apprentices through their training in a four year time frame in order to become journeymen.

**SKMA 111**

Explanation: This course is being revised per recommendation of the Skilled Trades advisory committee into three individual courses. Fall 2013 is the anticipated implementation date.

### **ST 220**

Explanation: Demonstrates fundamental principles of operating room function: roles of surgical team members, sterilization and disinfection methods, aseptic technique, surgical instruments, sutures and equipment, electrical safety, patient positioning and preparation, draping the sterile field, and care of supplies. Develops beginning technical skills through laboratory practice; later, operating room observational experiences are provided. This course is the beginning fundamentals course and incorporates 45 hours of lecture and 120 hours of lab time to practice skills necessary in the operating room. This course is part of a program that will lead to an associate degree or advanced certificate.

### **WELD 114W, WELD 224W, WELD 235W**

Explanation: These courses are designed to give students the opportunity to master performance competencies in the three major welding processes. The psychomotor, cognitive, and affective skills that are used to make x-ray quality welds, meeting industry standards, take significant time to develop. In general, each of our eight credit classes examines body and head positioning, equipment setup, material preparation, technique, safety, and the theory associated with each process. Students who complete these courses prepare themselves for certifications that are minimum requirements for employment.

---

## **Part Three: Policy on Credit Hours**

The institution has a policy specific to the assignment of credit:

Yes\*

No

The institution has policies specific to the assignment of credit at the following levels (check all that apply):

Institution-wide

Delivery format specific

Department-specific

Program specific

*\*Include the institution's credit hour policy in the attachments to this worksheet. See supporting materials*

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## **Part Four: Total Credit Hour Generation**

Identify the typical number of credits of a full-time or part-time undergraduate and graduate student takes during a regular term.

12 credit hours marks the typical full-time load of students attending Delta College

Provide the headcount of students earning more than this load in the most recent fall and spring semesters/trimesters or the equivalent for quarters or non-standard term institutions.

Most Recent Fall Term       (identify the year)

Most Recent Winter Term       (identify the year)

---

## Part Five: Clock Hours

Answer YES to the statement below **only if your institution offers any programs in clock hours OR that must be reported to the U.S. Department of Education in clock hours for Title IV purposes even though students may earn credit hours for graduation from these programs.** For example, any program that prepares students for a licensed or professional discipline may need to be reported in clock hours to the Department.

Check with the institution's financial aid officer to determine if the institution has programs of this nature. Such programs typically include those required to be identified in clock hours for state licensure of the program or where completing clock hours is a requirement for graduates to apply for licensure or authorization to practice the occupation. Such programs might include teacher education, nursing, or other programs in licensed fields.

The institution reports clock hours to the U.S. Department of Education with regard to some programs for Title IV purposes:

Yes

No

**If the answer is Yes, complete Appendix B, Clock Hour Worksheet, and attach it to this report.**

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## Supporting Materials

### DELTA COLLEGE

#### Policy on Credit Hours

One of the important functions of the academic unit of our College is to measure, assess, verify, and document appropriate forms of learning. Such verification and documentation of learning takes several forms including academic credit hours and transcripts.

According to Senate Policy 1.025 V.A., “The faculty of Delta College has primary responsibility for such fundamental areas as curriculum, subject matter and methods of instruction, research, faculty status, and those aspects of student life which relate to the educational process.” When exercising their professional judgment to determine a credit recommendation, the faculty and Curriculum Sub-Council and Curriculum Council will consider the following factors in determining the appropriate number of credits for individual courses:

1. The content of the course, its level of difficulty, its methods of assessment, and its learning outcomes. These factors are of primary importance.
2. Distinctive aspects of college-level education include the background and selection of both instructors and students, the duration of a course, and the requirement of substantial, independent student academic work separate from and in addition to the course meetings.
3. The instructors must be selected on the basis of their qualifications, including formal education and experience, to teach the subject matter. These qualifications will normally include at least a baccalaureate degree and appropriate specialty certification if available.
4. For traditional classroom instruction, academic credit is assigned on the basis of one semester credit hour for each 15 classroom contact clock hours which require or assume 30 hours of outside preparation by students or the equivalent; one semester credit hour for each 30 hours of laboratory work plus necessary outside preparation or the equivalent; and one semester credit hour for not fewer than 45 hours of shop instruction, clinical practicum, or similar practice.
5. The course must have a prescribed program of instruction including measurable course objectives, appropriate pedagogy, and relevant assignments.
6. Appropriate assessments (e.g., oral/written quizzes, tests/exams, papers, presentations, projects, etc.) must be used in the course to evaluate student performance.
7. All courses must include evidence of individual students having met the stated outcomes of the course.

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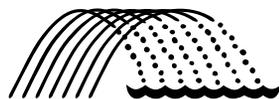
Revised October 2012  
Drafted September 2000

# DELTA COLLEGE

2011-2012 CATALOG



Celebrating our past.  
Pioneering our future.



# Delta College

**Mailing Address:**

1961 Delta Road  
University Center MI 48710

**Telephones:**

(989) 686-9000 Switchboard  
(989) 495-4000 from Midland/Auto Attendant  
(989) 758-3400 from Frankenmuth, Reese,  
Birch Run, Vassar/Auto Attendant  
(800) 649-3777 Michigan Relay Center Voice-TDD

**FAX:**

(989) 686-8736

**Contact us on the Internet:**

[www.delta.edu](http://www.delta.edu)

**Online Catalog:**

[www.delta.edu/catalog/](http://www.delta.edu/catalog/)

**24 Hour Weather Information:**

(989) 686-9179

Delta College personnel made every reasonable effort to determine that everything stated in this catalog was accurate at the time it was printed. Courses and programs offered, tuition and fees, services, and the academic calendar, together with other matters contained herein, are subject to change without notice by Delta College for reasons related to student enrollment, level of financial support, or for any other reason, at the discretion of the College. Delta College further reserves the right to add, amend, or repeal any of their rules, guidelines, policies and procedures. Although the provisions of this catalog are not to be regarded as a legal contract, students enrolled at Delta College are responsible for all regulations in this catalog as well as additions or changes to regulations as they are posted or printed in other College publications.

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## Welcome to Delta College

It was our aim, as we prepared this catalog, to provide you with a tool that will be of help to you throughout the time you spend with us at Delta College pursuing your educational goals. We hope you will find it useful, whether you are a new student, a returning student, or a member of the community involved in our various outreach activities. This Table of Contents tells you what is covered in each section of this catalog. If you are looking for a specific topic, check the Index on page 326, where you should find that topic listed, along with the page on which you will find the information. If you come across a term you don't understand, check page 318 for Definitions of College Terms. If you can't find information important to you or you find something confusing, stop in at the Admissions Office, D101, and talk with the staff, or click [www.delta.edu](http://www.delta.edu). They will be able to clarify for you or direct you to the appropriate staff person for an answer, and they will pass on to us anything you think should be added to or changed in this catalog.



**Section I**

# **Welcome**



# Welcome

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Delta College - often referred to as one of America's leading community colleges - promotes academic excellence, and is known for exemplary programs, technological innovation, community leadership, and graduates who make a difference.

You will find a personalized learning experience unlike any other. Delta's talented and dedicated faculty and staff will help cultivate your individual talents and potential - all within a state-of-the-art interactive environment.

We are proud of the fact that this institution is important to the economic well being of the region. Delta graduates are everywhere. Nurses, teachers, doctors, skilled tradesmen, business leaders, people just like you, who come to Delta with a dream to succeed in life. More than 86 percent of Delta graduates stay in Michigan, and more than 61 percent reside in the Tri-Counties.

In addition to our quality academic programs, Delta offers the region other learning opportunities through Quality Public Broadcasting, the Planetarium, Corporate Services and LifeLong Learning. Please take advantage of all we have to offer.

I trust you will enjoy your Delta experience. And on behalf of our Board of Trustees, students, faculty, staff and administration, welcome to Delta College.

Dr. Jean Goodnow  
President

# Accreditation and Membership



## Delta College is accredited by The Higher Learning Commission A Commission of The North Central Association of Colleges and Schools

30 N. LaSalle Street, Suite 2400  
Chicago, Illinois 60602-2504  
800-621-7440



On the web: [www.ncahigherlearningcommission.org](http://www.ncahigherlearningcommission.org)

Approved by the Michigan Department of Education

## Accrediting/Approving Agencies

**Automotive Service Technology:** National Automotive Technicians, Education Foundation, 101 Blue Seal Drive, Suite 101, Leesburg, Virginia 20175, 703-669-6650

**Criminal Justice:** Michigan Common Law Enforcement Standards (MCOLES), 7426 N. Canal Rd, Lansing Michigan 48913, 517-322-1417

**Dental Assisting and Dental Hygiene:** American Dental Association, Commission on Dental Accreditations, 211 East Chicago Avenue, Chicago, Illinois 60611

**Diagnostic Medical Sonography:** Commission on Accreditation of Allied Health Programs, 35 East Wacker Drive, Suite 1970, Chicago, Illinois 60601-2208, 312-553-9355

**Nursing: ADN:** Michigan Board of Nursing, Bureau of Health Services, P.O. Box 30670, Lansing, Michigan 48909-8170, [www.michigan.gov/mdch](http://www.michigan.gov/mdch); National League for Nursing Accrediting Commission, 3343 Peach Tree Rd., Suite 500, Atlanta, GA 30326, 404-975-5000, [www.nlnac.org](http://www.nlnac.org).

**Nursing LPN:** Michigan Board of Nursing, Bureau of Health Services, P.O. Box 30670, Lansing, Michigan 48909-8170, [www.michigan.gov/mdch](http://www.michigan.gov/mdch).

**Physical Therapy:** American Physical Therapy Association, [www.nac.org](http://www.nac.org), Commission on Accreditation in Physical Therapy Education, 1111 North Fairfax Street, Alexandria, Virginia 22314, 703-706-3245

**Radiologic Technology:** Joint Review Committee on Education in Radiologic Technology, 20 N. Wacker Drive, Suite 2850, Chicago, Illinois 60606-3182, 312-704-5300

**Respiratory Care:** Commission on Accreditation of Allied Health Education Programs: 35 East Wacker Drive, Suite 1970, Chicago, Illinois 60601-2208, 312-553-9355

**Surgical Technology:** Commission on Accreditation of Allied Health Programs: 35 East Wacker Drive, Suite 1970, Chicago, Illinois 60601-2208, 312-553-9355

**Water Environmental Technology:** Michigan Department of Natural Resources/Operator Training, Mason Building, Seventh Floor, P.O. Box 30711, Lansing, Michigan 48909, 517-373-1214; and Michigan Department of Public Health/Water Division, Sixth Floor, Lewis Cass Building, 320 South Walnut, Lansing, Michigan 48913, 517-373-3500

Students wishing to review documents pertaining to accreditation should contact the Office of the Vice President of Instruction and Learning Services, Office B131, phone: 989-686-9298.

## College Memberships

American Association of Collegiate Registrars and Admissions Officers (AACRAO)

American Association of Community Colleges (AACC)

American Chemical Society

American Council on Education

American Council of International/Intercultural Education (ACIIE)

American Management Association

American Math Association for Two Year Colleges

American Purchasing Society (APS)

Association for the Advancement of Sustainability of Higher Education (AASHE)

Association of Higher Education Facilities Officers

Bay Home Builders Association

Community College Humanities Association

Continuous Quality Improvement Network (CQIN)

Educational Teleconsortium of Michigan

Fulbright Association

Great Lakes Process Technology Alliance

League for Innovation in the Community College

Learning Resources Network

Michigan Association of Collegiate Registrars and Admissions Officers (MACRAO)

Michigan Association of Continuing Education & Training

\*Michigan Campus Compact

Michigan Community College Association (MCCA)

Michigan Community College Business Officers Association

Michigan Community Colleges Chief Academic Officers (MCCCAO)

Michigan Community College Community Service Association

Michigan Community College Student Services Association

Michigan Community College Virtual Learning Consortium

Michigan League for Nursing

Michigan Liberal Arts Network for Development

Michigan Occupational Deans' Administrative Council

Michigan Public Purchasing Officers Association (MPPOA)

National Association for College & University Attorneys

National Association for Community College Entrepreneurship (NACCE)

National Association of College and Auxiliary (NACAS)

National Association of College and University Business Officers

National Association of College Stores (NACS)

National Association of Educational Procurement (NAEP)

National Association of Student Aid Administrators

National Collegiate Honors Council (NCHC)

National Council for Occupational Education (NCOE)

National Council for Staff, Professional & Organizational Development (NCSPOD)

National Institute For Staff & Organizational Development (NISOD)

National League for Nursing Accrediting Commission

National Network of Health Career Programs

National Partnership for Careers in Law, Public Safety, Corrections & Security

Society of College & University Planners

Society for Manufacturing Engineering

Valley Library Consortium

## Non-Discrimination Statement

It is the policy of Delta College not to discriminate in employment, education, public accommodation or public service on the basis of religion, race, color, national origin, age, sex, marital status, sexual orientation, gender identity, height, weight, arrest record, veteran status, disability, or other classifications as required by applicable U.S. federal, state or local law. Direct inquiries to the Equity/Compliance Officer, Delta College, Office J101, 1961 Delta Rd., University Center, MI 48710, telephone 989-686-9512, or email: [equityoffice@delta.edu](mailto:equityoffice@delta.edu).



# Introducing Delta College

## Delta College Begins

Delta College has continued, without interruption, the educational opportunities that were previously provided by Bay City Junior College. In the mid-1950's, as the demand for education beyond high school increased in the tri-county area, the percentage of students attending Bay City Junior College from outside the K-12 Bay City Public School District steadily increased. The enrollment was approximately 50 percent non-resident, with about 40 percent of the enrollment coming from Saginaw. Early in 1955, seven community leaders from Bay, Midland and Saginaw met to discuss the possibility of a tri-county college. Their interest and action prompted the following developments:

1955: Organization of the Tri-County Committee of 300 formed to study the needs of higher education in the Saginaw Valley area.

1956: The final report of the Committee of 300, outlining the need to establish and finance a new college, was received.

1957: Legislation was submitted to the State of Michigan Legislature to finance and establish a new institution of higher education.

1957: Voters of Bay, Saginaw, and Midland counties formed a community college district under Act 182 of the Public Acts of 1957 and authorized a levy of 1.5 mills to construct and operate a college.

1958: Bonds were sold to provide the financial structure for Delta College and campus construction began.

1959-61: Members of the faculty and staff of Bay City Junior College assisted in planning for the new college. Many of the Bay City Junior College faculty, students, and staff became part of the new college as Bay City Junior College operations were assimilated into Delta College.

1961: Delta College opened.

## College Locations

The College main campus is located on a 640-acre campus complex in Bay County bordered by Hotchkiss, Mackinaw and Delta Roads (please see maps at the back of this catalog). Noted for its beautifully-landscaped center garden, the College has miles of nature trails, running and fitness trails, tennis courts, and archery and golf putting areas, as well as a covered bridge. The natural surroundings of Delta College positively enhance the learning process of students. The main campus site, at University Center, Michigan, lies almost midway between the three counties' major cities of Saginaw, Bay City, and Midland. This triangle forms the heart of the Saginaw Valley area which is drained by the Saginaw River and its tributaries, northward to the Saginaw Bay and Lake Huron. Bay County adjoins the Saginaw Bay, an important recreational area and waterway whose ports are part of the St. Lawrence Seaway system.

Delta College has major centers in each of the three counties: Delta College Planetarium and Learning Center in Bay City; Delta College Midland Center; and the Ricker Center in Saginaw. The tri-county area is one of the major concentrations of population within the state. The 2000 population census reports an area population of approximately 399,320. Sixty-three percent of the people are classified as urban residents, with 44 percent residing within city limits.

## Accreditation

Delta College is accredited by The Higher Learning Commission, A Commission of the North Central Association of Colleges and Schools (NCA). Initial accreditation was granted the College in October, 1962 by the Michigan Commission on College Accreditation. A status study to prepare for candidacy was submitted to the NCA in May, 1964, as a first step toward regional accreditation. College officials were notified in July, 1966, that the College had been accepted as a candidate for accreditation based on a report of a NCA visitation team. The Self-Study Report was completed in May, 1967, and accreditation was granted in April of 1968. NCA has subsequently reaccredited the College in 1973, 1984, 1993, and again in 2003. The College has also obtained approval to offer all Associate degrees online and all online degrees facilitated by The Michigan Community College Virtual Learning Collaborative. For inquiries regarding accreditation, contact The Higher Learning Commission, A Commission of the North Central Association of Colleges and Schools, 30 North LaSalle Street, Suite 2400, Chicago, Illinois 60602-2504; telephone 800-621-7440; fax 312-263-7462; or access the Web site at [www.ncahigherlearningcommission.org](http://www.ncahigherlearningcommission.org).

Several career academic programs also have received additional accreditation status from their corresponding professional boards, councils, or regulatory groups.

## National League for Innovation

Delta College is a charter member of the National League for Innovation in the Community College. The League is comprised of 19 League Board Member college districts with 56 campuses, enrolling more than 750,000 students. Additionally the League has over 750 colleges who have Alliance membership. Delta's membership is significant recognition that it is devoted to the improvement of learning through experimentation and innovation. The League places a strong emphasis on research, evaluation, and dissemination of information on innovations. In this way, potentially valuable new approaches to instruction are made known and an opportunity is provided to judge their suitability for use at other colleges. Participation in League activities enables Delta to adapt and adopt those innovative practices which have proved effective elsewhere, while sharing the results of its own innovations with colleges in other districts. This means that residents of all ages in the tri-counties have the opportunity to share in the benefits of improved instruction and services provided by the College.

# Profile of Our Students



When Delta College opened its doors in September, 1961, there were 1,700 students, whereas in the Fall Semester of 2010 11,529 academic and skilled trades students were enrolled in courses and programs on the Campus and in neighborhood centers. Who are these students and why do they enroll at Delta? Actually, there is no Delta College student stereotype. Students differ considerably in their ethnic, social, and economic backgrounds and their educational goals. Most students (84.8%) reside in the tri-county district and more students are enrolled on a part-time basis than those attending full-time because most students are also working full or part-time. Some are rich, some are poor, most are neither, but approximately two-thirds of students enrolled for six or more academic credits receive some form of financial aid. Some have precise career plans while others want to explore before they decide; some are taking classes for personal enrichment reasons. What most have in common, though, is that they are seeking to learn and improve their lives. Over the years, students have been asked about their reasons for choosing and attending Delta and the five major reasons given have been: location of Delta (close to home and/or work); curriculum or programs offered; low costs; course work relevant to goals; quality of instruction.

## The diversity of students at Delta College:

### Class Designation

|                  |       |
|------------------|-------|
| Freshmen .....   | 64.5% |
| Sophomores ..... | 35.5% |

### Student Age Distribution

|                              |       |
|------------------------------|-------|
| 19 years old and under ..... | 29.2% |
| 20-24 .....                  | 32.6% |
| 25-29 .....                  | 13.0% |
| 30-44 .....                  | 18.2% |
| 45 and over .....            | 7.0%  |

### Gender

|               |       |
|---------------|-------|
| Females ..... | 54.0% |
| Males .....   | 46.0% |

### Geographic Residences

|                               |       |
|-------------------------------|-------|
| Saginaw County .....          | 42.5% |
| Bay County .....              | 26.6% |
| Midland County .....          | 14.7% |
| Other Michigan Counties ..... | 15.1% |
| Out of State .....            | 0.1%  |

### Ethnic Backgrounds

|                        |       |
|------------------------|-------|
| Caucasian .....        | 80.9% |
| African-American ..... | 8.8%  |
| Hispanic .....         | 4.8%  |
| Not designated .....   | 2.2%  |
| Multi-racial .....     | 1.1%  |
| Asian .....            | 0.8%  |
| Native American .....  | 0.6%  |
| International .....    | 0.8%  |

### Attendance Distribution

|                                |       |
|--------------------------------|-------|
| Day hours only .....           | 24.1% |
| Evening hours only .....       | 10.3% |
| Weekends only .....            | 0.2%  |
| Telecourse/Internet only ..... | 5.4%  |
| Combinations of above .....    | 60.0% |

### Program Choices

|                                 |       |
|---------------------------------|-------|
| Career Education Programs ..... | 60.0% |
| Transfer Programs .....         | 28.2% |
| Deciding .....                  | 7.0%  |
| Guest and Dual Enrolled .....   | 4.4%  |
| Personal Enrichment .....       | 0.4%  |

*Figures based on Fall Semester 2010 (pertains only to students enrolled in academic courses).*



# Mission, Values, Principles, Vision

## Mission Statement

Delta College is a responsive, dynamic community college. We educate, inspire, challenge and support a diverse community of learners to achieve academic, professional and personal excellence.

The College Mission reflects our Values.

## Values Statement

Delta College is a diverse learning-centered community based on integrity and respect. From a foundation of leadership, we use innovation and teamwork to achieve excellence.

**Diversity:** We actively promote, advocate, respect and value differences. We foster a welcoming environment of openness and appreciation for all.

**Integrity:** We are committed to honesty, ethical conduct and responsibility.

**Respect:** We stand for trust, caring, loyalty and academic freedom.

**Excellence:** We support outstanding achievement in our students, employees and communities. We have a passion for quality and strive for continuous improvement.

**Leadership:** We create and communicate inspirational visions for results. We are accountable to our communities.

**Innovation:** We rejoice in creative change. We are flexible, agile and risk-taking.

**Teamwork:** We foster communication and collaboration across boundaries and support shared governance.

**Learning-centered community:** We are an engaging, inclusive, diverse learning organization. We focus on academic excellence, civic responsibility and community leadership.

## Guiding Principles

The implementation of our College Mission and its underlying Values are supported by certain Guiding Principles.

Based on our Mission and Values Statements, Delta College is committed to:

- providing a range of programs, opportunities, and experiences that enrich the lives of the residents of our community
- continuously improving and regularly measuring the quality of all of our programs and services
- accepting the challenge of our open door policy by providing programs and services appropriate to our students' needs and backgrounds
- providing services to help students overcome obstacles that impede the achievement of their educational goals
- working with K-12 districts, other colleges and universities, and business and industry to share and respond to each others' needs
- creating an environment that fosters appreciation and respect for the uniqueness of each individual
- expanding our students' cultural and global awareness
- the free exchange of all ideas for their own sake as well as for their potentially practical applications
- providing a work environment which supports the professional development of all College employees
- shared governance, understanding that we are all members of the same College community with the privilege of ownership and the obligation of participation
- employee involvement in the community.
- promoting learning, actions and practices that incorporate social, environmental and economic sustainability in our communities.

## Our Vision For Delta College

Delta College is our communities' first choice to learn, work, and grow.

**Section II**

# **Enrollment**



# Academic Calendar 2011-2012

| Deadline/Activity                                     | Spring - Summer '11 Semester<br>14 Weeks                            | Spring '11 Session<br>7 Weeks | Summer '11 Session<br>6 Weeks | Fall '11 Semester<br>15 Weekss | Winter '12 Semester<br>15 Weeks | Spring - Summer '12 Semester<br>14 Weeks | Spring '12 Session<br>7 Weeks | Summer '12 Session<br>6 Weeks |
|---|---|-------------------------------|-------------------------------|--------------------------------|---------------------------------|--|-------------------------------|-------------------------------|
| <b>Applying for Financial Aid</b>                     | Apply 6 to 8 weeks prior to the term in which you intend to enroll. |                               |                               |                                |                                 |  |                               |                               |
| <b>Admission</b>                                      | Continuous  |                               |                               |                                |                                 |  |                               |                               |
| <b>District Status Change</b>                         | One Week Before Your Registration                                   |                               |                               |                                |                                 |  |                               |                               |
| <b>Readmission for Registration</b>                   | March 1   | March 1                       | March 1                       | March 15                       | Oct. 11                         | February 28                              | February 28                   | February 28                   |
| <b>Academic Classes Available on My Delta</b>         | Early January   | Early January                 | Early January                 | Early February                 | Early October                   | Early January                            | Early January                 | Early January                 |
| <b>Registration Begins<sup>1</sup></b>                | March 15  | March 15                      | March 15                      | March 29                       | October 25                      | March 13                                 | March 13                      | March 13                      |
| <b>Weekend Classes Begin</b>                          | May 7   | May 7                         | July 9                        | Aug. 27                        | Jan. 7                          | May 12                                   | May 12                        | July 14                       |
| <b>First Day of Semester<sup>2</sup></b>              | May 17  | May 7                         | July 5                        | Aug. 27                        | Jan. 7                          | May 7                                    | May 7                         | July 2                        |
| <b>Add Without Instructor Signature<sup>2,4</sup></b> | Before Class Begins   |                               |                               |                                |                                 |  |                               |                               |
| <b>Offset<sup>2</sup></b>                             | 25th Calendar Day from Start Date                                   |                               |                               |                                |                                 |  |                               |                               |
| <b>100% Refund<sup>2</sup></b>                        | 7th Calendar Day from Start Date                                    |                               |                               |                                |                                 |  |                               |                               |
| <b>50% Refund<sup>2</sup></b>                         | 8th through 11th Calendar Day from Start Date                       |                               |                               |                                |                                 |  |                               |                               |
| <b>Audit<sup>2,3</sup></b>                            | Last Day of 50% Refund Period                                       |                               |                               |                                |                                 |  |                               |                               |
| <b>Drop/No Grade<sup>2,3</sup></b>                    | Last Day of 50% Refund Period                                       |                               |                               |                                |                                 |  |                               |                               |
| <b>Last Day to Apply for Graduation</b>               | Three months before your expected graduation date                   |                               |                               |                                |                                 |  |                               |                               |
| <b>Pass/No Credit<sup>1,2,3</sup></b>                 | July 28   | June 20                       | Aug. 8                        | Nov. 22                        | April 6                         | Aug. 2                                   | June 14                       | Aug. 8                        |
| <b>Drop/ "W", "WI"<sup>2,3</sup></b>                  | Through four-fifths (80%) of the course                             |                               |                               |                                |                                 |  |                               |                               |
| <b>Incomplete Deadline<sup>3</sup></b>                | Dec. 1  | Dec. 1                        | Dec. 1                        | Apr. 1                         | Dec. 1                          | Dec. 1                                   | Dec. 1                        | Dec. 1                        |
| <b>Validations<sup>1</sup></b>                        | May 7 - Aug. 15   | May 7 - Aug. 15               | May 7 - Aug. 15               | Aug. 27 - Dec. 19              | Jan.7 - Apr. 27                 | May 7 - Aug. 16                          | May 7 - Aug. 16               | May 7 - Aug. 16               |
| <b>Holidays: No Classes</b>                           | May 30<br>July 4  | May 30                        | ---                           | Sept. 3-6<br>Nov. 23-27        | Mar 5-10<br>Apr. 8              | May 28<br>July 4-8                       | May 28                        | July 4-8                      |
| <b>Last Day of Semester<sup>2</sup></b>               | Aug. 15   | June 27                       | Aug. 15                       | Dec. 18                        | Apr. 27                         | Aug. 16                                  | June 25                       | Aug. 16                       |
| <b>Grades Due</b>                                     | Aug 17  | June 29                       | Aug 17                        | Dec 20                         | May 1                           | Aug 21                                   | June 27                       | Aug 21                        |

## NOTATIONS

<sup>1</sup>Dates subject to change. Complete registration information, including Special Registration dates for entry into restricted enrollment programs is listed online at [www.delta.edu](http://www.delta.edu). See Section III, Programs, Validation Procedures.

<sup>2</sup>Some courses begin and end other than these dates; see each semester's courses on MyDelta. Deadline dates apply only to regular semester/session classes; check with the Registrar's Office for deadlines for these courses.

<sup>3</sup>For grading policies, see Section IV, Academic Policies and Information, Grading System.

<sup>4</sup>Exceptions: Distance Learning Courses require instructor permission after the **start date** of class; open entry/open exit courses **do not** require instructor permission after the start date of the course.

Non-Credit Classes: Registration dates, times and procedures are different from above; consult the LifeLong Learning Center brochures published each semester.



## Admission Policy and Procedures

Delta College is open to all individuals included in any one of the categories listed below. Admission to Delta College does not ensure enrollment in all courses or program areas. Many courses have prerequisites; some programs have additional admission requirements. Academic programs of study that require specific prerequisites or eligibility requirements are outlined in Section III, Programs.

### Regular Admission

- graduate of an accredited high school
- non high school graduate whose high school class has graduated
- home school graduate at least 17 years old
- person with an official General Education Development (GED) credential (certificate/diploma)
- person from another country entering the U.S. for college educational purposes under an authorized student visa approved by Delta College

### Conditional "Special" Admission (must reapply each semester)

- guest student from another college/university
- home school graduate under age 17
- student currently enrolled in secondary level accredited school or home school

A committee consisting of the Dean of Faculty, Dean of Student and Educational Services, and the Director of Admissions may make exceptions to this policy based upon the individual having the ability to benefit from the College's educational programs.

Note: If you do not have a high school diploma or have not successfully completed the GED, you may be restricted from receiving federal financial aid if "ability to benefit" criteria are not met. We encourage you to contact the Admissions Office, Financial Aid Office, or the Assessment/Testing Services Office for detailed information concerning "ability to benefit" criteria.

### Admission Dates

Although Admission Applications are accepted and processed continuously, we encourage you to submit your Application preferably 6-8 months, but at least 30 days, prior to your enrollment period. If you plan to request financial aid, it is essential for you to apply for admission and for financial aid 8 to 10 weeks prior to registration.

Our traditional starting dates are:

- Fall Semester (late August/Early September)
- Winter Semester (early January)
- Spring Session (early May)
- Summer Session (early July)



**On the Web:** [www.delta.edu](http://www.delta.edu)

## Admission Procedures

Admission fee: \$20 (one-time, non refundable)

You will be admitted at Delta College as:

### Regular Admission

1. First Time In College: If you have not previously attended any college or university prior to enrolling at Delta College.
2. Transfer: If you have attended another college or university prior to enrolling at Delta College.
3. Re-Entry/Readmit: If you have not registered for classes at the College for two academic years or more. (No admission fee required if previously admitted after July 1998.)

### Conditional Admission (must reapply each semester)

1. Guest: If you are enrolled at another college or university and desire concurrent admission.
2. Dual Enrollment/Fast Track: If you are enrolled in grades 9-12 and approved by your high school counselor and/or principal.
3. Special Enrollment (Home School/Junior High/Other): If you are "academically qualified" this status provides a parallel route for you to enhance your present curriculum, enrich your academic experience, and earn college credit while doing so.

Delta College complies with applicable federal and state laws prohibiting discrimination, including Title IX of the education amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990 and the Michigan Handicapper's Civil Rights Act.

Completed Admission applications, along with the admission fee if applicable, must be returned to the Admissions Office. Please review the following admission categories and follow the procedures outlined.

1. **High School Seniors:** If you plan to enroll the summer or fall after your June graduation, you need to complete an Admission's Application and give it to your high school counselor or principal. Ask your high school to send your application, along with your current transcript to the Admissions Office. Be sure to request that a final transcript be sent upon your graduation.
2. **New Students/Adults out of High School/Transfer:** Complete an Admission's Application, include the admission fee, and return it to the Admissions Office. You need to request from each previously attended high school, education center, and/or college/university a copy of your *official transcript* be sent directly to the Registrar's Office. Any transcript possessed by the student will be considered non-official.

A photocopy of **one** of the following **must** be submitted with the application to complete the package for residency verification.

- a. A valid drivers License reflecting the current address of the bearer or Secretary of State Personal Identification Card.
- b. Voter Registration Card reflecting the current address of the holder.
- c. Current property tax receipt for the primary place of residence.
- d. Other legal documents such as court-issued guardianship papers.

Note: In order to receive financial aid, you must be in a degree or certificate program.

3. **Guest Students:** If you are attending another Michigan college and wish to take Delta courses on a Guest status, you must complete Part I of the *Michigan Uniform Undergraduate Guest Application* (available

at your current institution or from Delta College or online at [www.delta.edu](http://www.delta.edu). Ask the Registrar at your college to complete Part II and to forward it to Delta's Admission's Office. Be sure to check with your current institution to determine if your Delta courses will directly satisfy requirements. Upon the completion of your Delta courses you will need to request an "official" Academic Transcript be sent to your home institution.

4. **Re-Entry/Readmit Students:** If you have not registered for classes at the College for two academic years or more you need to be readmitted. Re-entry may be accomplished by completing an Admissions Application, available from the Admissions Office or on-line at [www.delta.edu](http://www.delta.edu). You are encouraged to see an advisor or counselor prior to registering for classes. Individual assessment also may be recommended.
5. **Dual Enrolled/Fast Track Students:** If you plan to enroll in Delta courses and in high school courses during the same semester, you need to submit a Dual Enrollment Application for each semester in which you intend to enroll. This application, available at your high school, needs to be signed by your parent and high school counselor or principal. Request that your high school send a current copy of your transcript to the Admissions Office.
6. **Special Enrollment Students:** If you are at least 14 years old and attend junior high or high school or are home schooled you may be admitted for one semester at a time under Special Enrollment. This program is provided to supplement your educational plans and to afford educational enrichment in courses and academic areas not available in the student's school or home school setting. You will need to submit a Dual Enrollment Application. The application will need to be signed by your parent and high school counselor or principal (only parent if home schooled). The parent or legal guardian is responsible for all fees, tuition and transportation. You will need to have the ability to read and write at the college level. An assessment exam will be administered to determine your eligibility.

If you are younger than 14 and can demonstrate the academic and social skills appropriate for college-level coursework you may be admitted for one-semester at a time under Special Enrollment. You will need to submit a completed Dual Enrollment Application at least 30 days prior to the beginning of the anticipated semester of enrollment. A letter of support from the school's counselor or principal or your parent (if you are home schooled) must accompany the application. You will be required to take a college determined assessment exam for proper course placement. A College committee will interview you (accompanied by a parent or guardian) to determine your eligibility for the course and will make a recommendation to the Director of Admissions.

7. **International Students:** If you are not a U.S. citizen or a permanent resident and you are requesting an I-20 form, you need to complete the International Admissions Application.

## Transcripts

If you are a new student in any category **except Guest**, or if you are a returning student who has attended another college or university since Delta, you need to request immediately that your official transcript be sent to:

**Delta College, Registrar's Office**  
1961 Delta Road, University Center, MI 48710

Official transcripts include: college, university, GED, and adult education course work.

## Acceptance and Evaluation of Transfer Credits From Other Institutions, Training Programs or Examination Programs

1. Only **official transcripts** will be evaluated. Delta College will accept as official transcripts only incoming transcripts that have appropriate signatures and seals and have been mailed directly to the College from an issuing institution. Transcripts in the possession of the student or copies of transcripts or grade reports may be used for academic advising or counseling, but no transfer credits will be posted to the Delta College academic transcript from these documents.
2. Official transcripts should be mailed to the Delta College Registrar's Office from the transfer institution. Transcripts received from a Michigan college or university **at least one month** prior to a registration period will generally be evaluated within two weeks of receipt. More time may be necessary to evaluate transcripts from out-of-state institutions.
3. Credits only, not grades, are accepted in transfer. Grades earned at another school in courses accepted by Delta College are not entered on the permanent Delta academic transcript or calculated in the Delta College cumulative grade point average.
4. A maximum of 38 credits acquired through transfer, training or examination programs may be used toward registration priority.
5. The credit value of each course accepted in transfer will be determined by Delta College; the number of credits will never be greater than the Delta College equivalent course, but the number granted may be fewer than the number of credits received at the transfer institution.
6. Transfer credit granted will be shown on the student's permanent academic transcript.

### A. Regionally Accredited Institutions

Course work completed at a college or university accredited by one of the eight \*Regional Accrediting Associations of Colleges and Schools (See below) will be considered according to the following guidelines:

#### 1. Equivalent Course Work

Freshman and sophomore level courses are accepted in transfer. Higher level credits are accepted if they correspond to a specific course at Delta College. If Delta College does not have a department or area similar to the courses on the incoming transcripts, no credit will be awarded. Academic credit will not be granted for courses below the 100 level. A minimum of a "C" (2.0) grade on a 4.0 scale is required in each course for transfer.

#### 2. Non-Equivalent Course Work

"General Elective" credit will be granted for courses completed with a grade of "C" (2.0) or above on a 4.0 scale that are not equivalent to Delta College courses or disciplines. "General Elective" credit applicable to Humanities, Social Science, Science, or Lab Science will be so noted on the student's Delta transcript. (A student must request that a counselor submit the necessary form to receive this credit).

#### \*Regionally Accredited Institutions:

New England Association of Schools and Colleges, Commission on Institutions of High Education (NEASC-CIHE)

New England Association of Schools and Colleges, Commission on Technical and Career Institutions (NEASC-CTCI)

Middle States Association of Colleges and Schools, Commission on Higher Education (MSA/CHE)

North Central Association of Colleges and Schools, The Higher Learning Commission (NCA)

Northwest Association of Schools and Colleges, Commission on Colleges (NASC)

Southern Association of Colleges and Schools, Commission on Colleges (SACS)

Western Association of Schools and Colleges, Accrediting Commission for Senior Colleges and Universities (WASC-Sr)

Western Association of Schools and Colleges, Accrediting Commission for Community and Junior Colleges (WASC-ACCJC)

## B. Non-Regionally Accredited Institutions

Courses that apply toward a Delta occupational Certificate/Associate degree program will be considered according to the following if they were completed with a grade of "C" (2.0) or above at institutions recognized and approved by the Council on Higher Education Accreditation (CHEA):

1. Transcripts will be forwarded for evaluation of the occupational courses to the appropriate Division Chair or Discipline Coordinator. The following Options are available to the Division Chairs or discipline Coordinators:
  - a. Equivalent Delta College credit may be granted upon review of course outlines, and/or course descriptions, and/or appropriate descriptive materials. It is the responsibility of the student to provide any requested materials to enable proper evaluation.
  - b. Equivalent Delta College credit may be granted after successful completion of Delta College courses at the subsequent level.
  - c. Equivalent Delta College credit may be granted upon demonstration of proficiency via examination, interview, or other appropriate evaluation means as determined by the appropriate Division Chair or Program Director.
  - d. Credit may not be granted.
2. No credit will be granted for General Education courses.

## C. Foreign Institutions

Delta College evaluates foreign institution transcripts after they have been submitted to a foreign evaluating service which will then forward the official results of their evaluation to Delta College for credit evaluation. You may choose to have your transcripts evaluated by any evaluating service, (for example):

- World Education Services, Inc. (WES) [www.wes.org](http://www.wes.org)
- Education Credential Evaluators (ECE) [www.ece.org](http://www.ece.org)

## D. Non-Traditional Credit

### 1. Military credit

- a. All veterans having a certified DD214 form on file in the Veteran Services Office will be granted credit for LW221 and two lifelong wellness theory (LWT) credits.
- b. Veterans who have taken educational programs during military service may, under certain conditions, receive elective credit for that work. The Guide to the Evaluation of Educational Experiences in the Armed Services by the American Council of Education is used to determine these elective credits.
- c. Courses completed at accredited military colleges, such as The Community College of the Air Force, may result in the awarding of transfer credit.

### 2. Certified Training

Academic Credit can be granted for the following types of training programs and exams provided criteria for the award of credit is met.

- a. Certified Professional Secretary Exam
- b. Child Development Associate credential
- c. Current State of Michigan Cosmetology License
- d. Current State of Michigan EMT License
- e. Michigan Fire Fighters Training Council
- f. Current State of Michigan Paramedic License

g. Skilled Trades Journeyman Card

h. First Aid Card

## 3. Correspondence Courses

Credit granted by correspondence from regionally accredited institutions will transfer to Delta College according to the guidelines for equivalent and non-equivalent credit as outlined.

## E. Credit for Prior Learning

You may be granted academic credit for prior learning in many areas of study at Delta College. The Credit For Prior Learning Options are designed for students who have gained, through related work experience and/or training, learning that may be equivalent to the outcomes and objectives taught in actual Delta College courses.

Credit for Prior Learning is assessed by one or more of the following Options:

1. **Credit By Exam (CBE):** comprehensive course challenge examinations that are developed and evaluated by Delta College faculty. If you earn a passing grade on a CBE examination, the course credit(s) will be recorded on your academic transcript. There is a per credit hour attempted fee for all CBE examinations. A CBE may be taken only once per course. Retesting is not allowed. If you are interested in waiver credit, we recommend that you discuss that option with your academic counselor/advisor.
2. **Credit By Portfolio:** an individualized process in which you comprehensively document how your work experience directly relates to the outcomes and objectives of a Delta College academic course. All portfolios are reviewed and evaluated by the faculty member(s) who teach that course. A typical portfolio application includes a current resume, personal manuscript, professional references, and supporting documentation. A non-refundable per credit hour attempted fee must be paid before your portfolio application is submitted to the appropriate Academic Division for consideration. If your portfolio application is approved, the earned course credit(s) will be recorded on your academic transcript.
3. **Credit By Training:** an individualized process in which you earn academic credit for Delta College Training Programs. If you believe that you qualify for this option, contact Assessment/Testing Services.
4. **College Level Examination Program (CLEP) or Defense Activity for Non-Traditional Educational Support (DANTES):** national standardized tests in selected academic areas. Students can earn credit for CLEP and/or DANTES examinations that have been approved by the Academic division(s) as equivalent to specific Delta College courses. The application forms, course equivalents, and minimum passing scores for the examinations accepted by Delta College for academic credit are available from Assessment/Testing Services. There is an examination fee and a non-refundable administration/service fee charged for each examination. You must request that CLEP or DANTES send an official transcript of your examination score(s) to Delta College Admissions Office. Upon receipt of successful examination scores, Delta College Records will record the appropriate credit on your academic transcript.

If you are interested in any of these Credit for Prior Learning Options, please be aware that the following restrictions may apply:

- Credit for Prior Learning is not available in all areas of study.
- Credit for Prior Learning credits may not be transferrable to other institutions.
- Financial Aid cannot be used for Credit for Prior Learning fees.
- You may only apply for credit one time per course.

For additional information, visit ([www.delta.edu](http://www.delta.edu)) or call 989-686-9338.

## F. Articulation Agreements with High Schools and Career Centers

Articulation is a process which links two educational institutions together to help students make a smooth transition from one level of education to the next without experiencing delay, duplication of courses, and loss of semester credits. Delta College is part of a statewide effort to implement the Competency Based Education Articulation of career education programs.

The secondary articulation agreements allow students to receive college credit for instruction received at the secondary school/center for specific occupational courses. Credits articulated will become part of the total number of credits for program completion solely at Delta College. These agreements are signed contracts between the faculty and administrators of both institutions, and are re-evaluated annually. The instructors at the secondary level initiate the process by completing a student articulation application and submitting it to the Articulation Office at Delta College. To maximize counseling services, once a student has been accepted to Delta as an academic student, and has declared a specific course of study other than dual-enrolled, undecided or general studies, the articulated credit(s) will be posted to the student's transcript. No tuition or fees are charged for articulated credit.

### The schools currently involved are:

Alma High School  
Bay Arenac ISD Career Center  
Bay City Central High School  
Bay City Western High School  
Breckenridge High School  
Bullock Creek High School  
Carrollton High School  
Chesaning High School  
Clare Gladwin RESD  
Dow High School  
Downriver Career Technical Consortium  
Essexville Garber High School  
Frankenmuth High School  
Freeland High School  
Genesee Area Technical Center  
Grand Blanc High School  
Hemlock High School  
Heritage High School  
Huron Area Technical Center  
Iosco Regional Education Service Agency  
Lapeer County Educational & Technology Center  
Merrill High School  
Midland High School  
Mt. Pleasant Area Technical Center  
Oakland Technical Center NW Campus  
Ogemaw Heights High School  
Pinconning High School  
Saginaw Career Complex  
Sanilac Career Center  
Shiawassee RESD  
St. Charles High School  
St. Louis High School  
Standish-Sterling High School  
Swan Valley High School  
Tawas High School  
Tuscola Technology Center  
Whittemore-Prescott High School

### For Post-Secondary Articulation information, see Section III, Transfer and Career Education Articulations .

Further information may be obtained from the schools listed above, or from the Delta College Articulation Office, (989) 686-9070, from Midland (989) 495-4000, ext. 9070. More detailed information is published on the Articulation webpages at [www.delta.edu](http://www.delta.edu).

## After You Apply

After you apply you will receive a prompt response to your Admission Application. Applications submitted in person will be processed immediately. Upon acceptance, you will be issued a student number, and further information about assessment, orientation, advisement, and/or registration procedures. After being accepted, most new and some returning students are required to participate in pre-enrollment procedures such as assessment, orientation, and advisement.

## Getting Started

### Step 1: Admission

You have completed the first step when you are accepted for admission and apply for financial aid (if applicable).

### Step 2: Assessment

COMPASS will assess your current Writing, Reading and Mathematics skills. It is not a test that you pass or fail. Your COMPASS scores will determine your course placement and are prerequisites for many courses. COMPASS is computerized and untimed, but takes approximately two hours to complete. Computer skills are not required to take COMPASS. COMPASS is available on a walk-in basis during regular office hours. For more information about COMPASS visit our web page at [www.delta.edu](http://www.delta.edu) or call the Testing Center at 989-686-9182.

### Step 3: Orientation/eAdvising

You will be provided information regarding your academic program, eAdvising, registration process, how to check your Delta email, as well as taking a virtual tour of campus. Orientation will provide a simulation on how to search for classes, register for a class, add to a waitlist, manage a waitlist and drop classes. Online orientation can be completed any time. Additionally, the orientation can be completed at your own pace. If you exit orientation you are allowed to return to the last module completed. You will be provided information through your eAdvising account in a few business days.

**Exemptions** from Assessment and Orientation will be given only for the following reasons:

- You enrolled at Delta College Fall Semester 1986 or earlier and earned one or more academic credits.
- You earned a minimum score of 20 on the English ACT subtest and a minimum of 19 on the Mathematics ACT subtest. A copy of these scores must be given to the Enrollment Services Office. (This exemption is for assessment only.)
- You have earned an Associate degree or higher from a regionally accredited college. An official final transcript or diploma must be sent to the Delta College Registrar's Office.
- You are a transfer student who has successfully completed English composition and math courses equivalent to Delta College courses ENG 111 or OAT 151, and MTH 096 or higher (with a minimum 2.0 GPA). An official copy of your final college transcript must be sent to the Delta College Registrar's Office.
- You are a Guest student from another college. A completed official Guest Application Form is required from your current college or university per semester.

Students who have the necessary documentation for exemption should contact the Delta College Enrollment Services Office to request an exemption.

### Step 4: Registration and Payment

Register for your classes using MyDelta online registration system. Print your registration statement after you register at MyDelta and pay tuition and fees by the payment deadline date. **Financial Aid Applicants Note:** If you have **received your Award Letter** from Delta's Financial Aid Office, you may charge your tuition fee, and books **up to the amount** you were awarded.

## Admissions Advising/Campus Tours

We invite you to call with any questions you may have and especially invite you to make an appointment with an Admissions Advisor. We will discuss pre-enrollment procedures, the financial aid process, and general college information. The Admissions Office phone number is: (989) 686-9093; from Midland/Auburn, phone 495-4000, ext. 9093; or from Birch Run/Frankenmuth/Reese/Vassar, phone 758-3400, ext. 9093.

## International Student Admissions

Delta College welcomes applications for International Admissions and is authorized under federal law to admit and enroll non-immigrant alien students. In order to obtain a visa for entry into the United States on an F-1 Student visa status, you must present to the U.S. consulate abroad a valid passport, proof of sufficient finances, and a completed I-20 form.

After the college has determined that you have met the following conditions, an I-20 form (Certificate of Eligibility) is issued to admitted Delta students. Upon receipt of your I-20, if you do not currently hold an F-1 Visa, you are required to visit <https://www.fmjfee.com/i901fee> for more information about paying your I-901 fee prior to your consular appointment.

- 1. Academic Requirements:** You must be 18 years of age or older and have successfully completed a course of study equivalent to high school level. You are required to submit certified copies (in English) of your high school leaving certificate national and international exams, and transcripts, which reflect courses and marks earned during the last three years of high school.
- 2. Language Proficiency:** You must demonstrate you are proficient in English to pursue your studies or you must make arrangements to enroll in an English Language Center prior to acceptance. English proficiency means that you speak, write, and read English fluently. Such fluency is necessary to insure your enrollment, proper placement, and success in achieving your educational goals.

You must furnish Delta College with proof of having achieved one of the following:

- A minimum score of 500 on the paper based version of TOEFL (Test of English as a Foreign Language) or 173 on the TOEFL CBT or 61 on the TOEFL IBT
- At least 5.0 on the IELTS
- A minimum score of 69 on the MELAB
- Grade 2A from the STEP-EIKEN program
- Completion of a recognized English as a Second Language program

An additional test and interview may be required to establish English proficiency before enrollment.

- 3. Financial Verification:** You are required to submit a completed affidavit of support and a current financial statement from a sponsor and his or her bank, which testifies to the sponsor's willingness and ability to support you while you are at Delta. If your government or an organization does not sponsor you, you must submit a current bank statement, which testifies to the existence of enough funds for school and living expenses in your family's account for attendance. All College tuition is due and must be paid in full at the time of registration. **Loans, scholarships, financial aid, and deferred payments are not available to international students.**
- 4. Deadlines:** All documents such as applications, recommendations, official transcripts, financial statements of support, Affidavits, Certificates of English Proficiency, and medical reports must be in the Admission's Office at least **four months** preceding the semester you desire to be admitted.

### • Applying from Home Country

| Semester | Application Deadline | Semester Begins        |
|----------|----------------------|------------------------|
| Fall     | May                  | Last week of August    |
| Winter   | September            | Second week of January |
| Spring   | January              | Second week of May     |

### • Transferring from USA/Canada Colleges

| Semester | Application Deadline | Semester Begins        |
|----------|----------------------|------------------------|
| Fall     | Mid July             | Last week of August    |
| Winter   | Early December       | Second week of January |
| Spring   | Early April          | Second week of May     |

- 5. Medical Insurance:** After arrival and before registering for classes, you must purchase medical insurance with a repatriation clause. Failure to do so or cancellation of the policy will result in you not being able to register for future semesters at Delta and notification will be given to the United States Citizenship and Immigration Services that you are not enrolled.
- 6. Verification/Academic Advisor/Orientation/Assessment:** Upon arrival, you must verify visa status, provide a copy of the I-94 card from your passport, and provide a copy of the applicant information from the inside of the passport with the Admission's Office. Orientation and Assessment will be scheduled after arrival and prior to class registration.

For answers to specific questions about enrollment, contact the international student Admissions Advisor by e-mail ([admit@delta.edu](mailto:admit@delta.edu)).

### Important notes:

- Applications for admission to Delta College will be mailed upon request. High school records submitted by friends or relatives on your behalf are not accepted. Official records must be mailed directly to Delta College from your secondary school, college, or the Ministry of Education in your country. A \$20 admission fee (one time, non-refundable) must accompany the application.
- All documents must be original, certified copies and must be accompanied by an official English translation. The principal or registrar of each school or college attended must sign the transcripts. You must not leave your country, language center or college before you receive official acceptance from Delta College.
- Students on an F-1 visa must enroll full-time (at least 12 credit hours per semester, per academic year) at Delta.
- F-1 students must agree to enrollment stipulations as required by federal law. Therefore, F-1 students must indicate their acceptance of these stipulations by signing a contract as part of the admission process, and maintain compliance for each semester of enrollment.

### International Students (all visa classifications except F-1 Student Visa):

International students range from permanent resident aliens to a visitor on any visa from an A visa to an R visa, including refugees and people with asylum status. Certain restrictions may apply depending on which status you may hold in the United States.

- **If you are a permanent resident alien (green-card holder)** and wish to attend Delta you may register either as a part time or full time student. Admission procedures for a permanent resident alien is as follows:

Submit a completed application with a copy of your green card (front and back), and also include a copy of your driver's license or State of Michigan identification.

- **If you possess refugee or political asylum status** in the United States and wish to attend Delta you may register either as part time or full time. Admission procedures are as follows:

Submit a completed application for admission with a copy of your passport (if applicable), appropriate documentation showing your status, and a driver's license or state identification to show where you currently reside.

- **Admission requirements for all other visa holders:** Submit a completed application for admission with a copy of your passport, I-94 card, and a copy of the visa that you currently hold.



On the Web: [www.delta.edu](http://www.delta.edu)



# Costs

## Delta offers quality education at the most reasonable cost in the tri-county area.

Costs are for the 2010-2011 academic year. Use for estimation purposes only.

### Tuition:

|  |                        |
|--|------------------------|
| In-District .....  | \$82.00 per credit     |
| Out-District .....   | \$124.00 per credit    |
| Out-Of-State/International.....  | \$180.00 per credit    |
| Course Fees .....  | Varies - www.delta.edu |
| Excess Contact Hour Fee .....  | up to \$1,100          |
| Technology Fee .....   | \$7.90 per credit      |
| Internet Fee.....  | \$20.00 per credit     |
| Early Registration Fee (by the first payment deadline) ..  | \$30 per semester      |
| Registration Fee (after the first payment deadline).....   | \$60 per semester      |
| Exception: For late start classes, register at least one week before class start date and pay \$30 Registration Fee. |                        |
| Admission Fee .....  | \$20                   |
| Orientation Fee.....   | \$ 0                   |
| Assessment Fee.....  | \$ 0                   |
| Transcript Fee - Three to Five Days.....   | \$ 0                   |
| Library Fee .....  | \$ 0                   |
| Tutoring Fee .....   | \$ 0                   |
| Parking Fee (except violations).....   | \$ 0                   |
| Student Activities Fee.....  | \$ 0                   |
| Graduation Fee.....  | \$ 0                   |
| Diploma Fee.....   | \$ 0                   |

### Michigan Community College Virtual Learning Collaborative (vcampus.mccvlc.org)

#### MCCVLC Tuition:

|                             |                  |
|-----------------------------|------------------|
| In-District (MCCVLC) .....  | \$160 per credit |
| Out-District (MCCVLC) ..... | \$230 per credit |
| Out-State (MCCVLC) .....    | \$300 per credit |

**Other Costs:** In addition to tuition and fees, you must be prepared for the other costs incurred when attending college. These include books, supplies, transportation, room and board, miscellaneous personal expenses, child care, and any costs associated with disabilities.

## Residency Policy and Guidelines

Educational costs at Delta College are shared by students, the taxpayers in the Delta College District, and the State of Michigan. Property taxes paid by residents of the Delta College District supplement student tuition and state aid for in-district status students; therefore, the tuition charged legal residents of the Delta College district is the lowest and students who are classified as out-of-state residents are charged the highest tuition. A student's residency classification is established when admitted to Delta College and may only be changed as detailed under No. 4 below.

1. **Residency Classifications:** A person will pay course tuition according to one of the following classifications of legal residence:
  - a. In-District Status: Legal resident\* of Bay, Midland, or Saginaw counties. (This is the Delta College District)
  - b. Out-of-District Status: Legal resident\* of Michigan but not of the above three counties.
  - c. Out-of-State Status: International students (including Au Pares) and all others not classified within a or b above.

\* A legal resident is one whose permanent, primary residence is where he or she intends to return whenever absent from college. A dormitory or apartment rented only for the period of time during college enrollment is not a permanent primary residence.

2. **In-District Criteria:** For tuition purposes, an in-district student is an American citizen or permanent resident who can provide legal proof of residence within Bay, Midland, or Saginaw counties for at least three consecutive months immediately preceding the first day

of the semester in which the person plans to enroll. **There are no exceptions to the American citizenship or permanent immigrant status requirement.** Exceptions to the three consecutive months are:

- a. The legal residence of a student under age 18 is that of the parent or legal guardian regardless of where the student may have been living for the previous three months.
  - b. The student marries an individual who qualifies as an In-District resident of the Delta College District.
  - c. The person is an employee of a business or industrial firm within the Delta College District, AND the employer, by written agreement, agrees to pay directly to the College all tuition and/or fees of the sponsored student for employer-approved classes. If the employer is not directly paying the College for the student's tuition/fees bill, the student will be assessed the appropriate out-of-district or out-of-state tuition rate.
  - d. Veterans, whose induction address was within the Delta College District, who enroll at Delta within three months of discharge will be considered to have an In-district Status.
  - e. In-District students whose families/spouses move out of the Delta College District during the time they are enrolled may retain their residency status as long as they are continuously enrolled at Delta College (defined as a minimum of one semester in each academic year).
  - f. A permanent alien who has filed the Declaration of Intention and has been approved to become a U.S. citizen (green card received), and who can provide proof of Delta College District residency for the previous three consecutive months immediately preceding the first day of the semester in which the individual plans to enroll, may petition for In-District status.
3. **Proof of In-District Residence:** All students are subject to a check of their residency status at admission and registration. Students furnishing false information will be subject to disciplinary action. The following examples are types of documents which are considered in determining proof of in-district legal residency (All documentation must show valid in-district address dated three months prior to the first day of the semester):
- a. A current/valid Michigan driver's license, Michigan Secretary of State I.D. card, or valid Michigan motor vehicle registration in the student's name indicating a permanent address within Bay, Midland, or Saginaw counties.
  - b. A property tax receipt from Bay, Midland, or Saginaw counties.
  - c. A current voter registration card indicating an in-district address.
  - d. Other legal documents such as court-issued guardianship papers.
  - e. Auto, home, or renter insurance statement/policy (dated).
  - f. Dated correspondence from a government agency.
  - g. Lease Agreement/Rent Receipt(s) that contain address being leased/rented, dates of payment, and signature/address/phone number of the landlord (with proof of drivers license update).
  - h. Michigan Tax Return.
  - i. State issued professional license/credential (including date/address).
  - j. Proof of purchase of property in the district.
  - k. Tribal ID card with address.
  - l. Utility receipts, (only water/sewer/gas/electrical).
  - m. Verification of Military Service.
  - n. Military discharge papers showing address to an in-district county.
  - o. Dated Veterans card with address.
4. **Change of Residency Status:** While attending Delta College, students may petition to change their residency classification. Petition forms are available online or in the Registrar's or Admission's Office and must be submitted, with proof of in-district residence (see No. 3 above), at least one week prior to the student's registration date. Students must meet the criteria stated in No. 2. Any adjustments made in tuition due to a change in residency status shall not be retroactive nor changed within a semester.

Note: Guest students from other colleges and international students on a visa should not expect to have their residency status changed while attending Delta College, as the definition of legal resident has not been met. If you have questions regarding residency, please contact the Registrar's Office at (989) 686-9305; from Midland/Auburn, 495-4000, ext. 9305.

# Financial Aid



The Delta College Financial Aid Office (FAO) administers a comprehensive program of financial assistance to help you with the cost of attending college. The Federal government, the state, Delta College, and organizations are sources of assistance if you demonstrate financial need and/or merit. Application forms required to begin the financial aid process are available on-line at [www.fafsa.gov](http://www.fafsa.gov). Forms for the next academic year (August - May) are available the preceding January. You should obtain the pre-application form and follow the application procedures as early as possible. The entire application process may take from six to eight weeks. Applications filed less than two months prior to registration may not be processed in time for registration and may be received too late to be awarded some types of aid.

## Application Procedures

1. Apply online at [www.fafsa.gov](http://www.fafsa.gov). Before filing your Free Application for Federal Student Aid (FAFSA) on the web, we recommend that you (and one of your parents) apply for a PIN at [www.pin.ed.gov](http://www.pin.ed.gov). A PIN acts as your electronic signature, and allows you to review your processed application data and make corrections on the web. Accurately answer each question on the FAFSA, indicate Delta's College Code (002251), sign it using your/your parent's PIN(s) and electronically submit your application. This will generate a Student Aid Report (SAR), which will be sent directly to you via e-mail.
2. Once you receive your SAR, look it over carefully to make sure it is correct, as the information on this report will be used to determine your eligibility for financial aid. Corrections can be made online at [www.fafsa.gov](http://www.fafsa.gov). If you need assistance with corrections, please contact the Financial Aid Office.

## Eligibility for Aid

To be eligible for aid you must be a U.S. citizen or permanent resident of the U.S., must not be in default on any student loan and not owe a repayment on any Federal grant. You must, in most cases, enroll and attend at least half-time, maintain satisfactory academic progress as defined by the Delta College Standards of Academic Progress policy, and be enrolled in a program of study leading to a certificate or degree. If you do not have a high school diploma or GED, you must demonstrate your ability to benefit by receiving minimum scores as determined by the U.S. Department of Education on one of the approved tests by the Department. If you do not have a diploma or GED, the ability to benefit applies to you and you should contact the Delta College Assessment/Testing Services Office. **You cannot receive Federal Student Aid at two institutions at the same time.**

Once you have met the eligibility requirements listed above you will be considered for all aid programs administered by Delta, except student loans and scholarships which require a separate application. The financial assistance offered to you may include any of the programs listed on the chart on the following page. You will be notified via your Delta e-mail account regarding the amounts and types of financial aid available based on full-time attendance. Enrollment at less than 12 credits will reduce your award accordingly.

For financial aid consideration during the Spring-Summer semester, complete the Delta Spring-Summer application through your My Delta account. Available in early February.

Direct Loan eligibility is based partly on the anticipated enrollment status of the applicant. If you register at a status below that which was used to determine your eligibility for the loan, your eligibility will have to be recalculated and your loan may have to be reduced or cancelled. Loan funds are disbursed to Delta College via electronic fund transfer (EFT). The Student Finance Office will mail your loan funds directly to your address on file with the college after any balance owed has been deducted.

**Every Direct Loan borrower must complete online Entrance Loan Counseling and a master promissory note (MPN) at [www.studentloans.gov](http://www.studentloans.gov) prior to completing their first Direct Loan request form at Delta College.**

## Rights of Financial Aid Applicants

1. You have the right to know what financial aid programs are available.
2. You have the right to know the deadlines for submitting applications for each of the financial aid programs available.
3. You have the right to know how financial aid will be distributed, how decisions on that distribution are made, and the basis for these decisions.
4. You have the right to know how your financial need was determined.
5. You have the right to know what resources (such as parental contribution, other financial aid, your assets, etc.) were considered in the calculation of your need.
6. You have the right to know how much of your financial need as determined by the institution has been met.
7. You have the right to request an explanation of the various programs in your student aid package.
8. You have the right to know the Delta College refund policy.
9. You have the right to know what portion of the financial aid you received must be repaid, the payback procedures, the length of time you have to repay, and when repayment is to begin.
10. You have the right to know how Delta College determines whether you are making satisfactory academic progress and what happens if you are not.

For an explanation of any of the above rights, please come in to the Financial Aid Office and see a Financial Aid Advisor.

## Responsibilities of Financial Aid Applicants

1. You must complete all application forms accurately and submit them on time to the right place.
2. You must provide correct information. In most instances, misreporting information on financial aid application forms is a violation of law and may be considered a criminal offense which could result in indictment under the U.S. Criminal Code.
3. You must return all additional documentation, verification, corrections, and/or new information requested by either the Financial Aid Office or the agency to which you submitted your application.
4. You are responsible for reading and understanding all forms that you are asked to sign and for keeping copies of them.
5. You must accept responsibility for all agreements that you sign.
6. You must perform the work that is agreed upon in accepting a Work-Study job.

**Financial Aid recipients must meet Standards of Academic Progress to continue to receive aid. See Section IV, Academic Policies, Standards of Academic Progress for Financial Aid Recipients.**



On the Web: [www.delta.edu](http://www.delta.edu)



# Financial Aid Programs

| FEDERAL PROGRAMS  | A | B | C | D | E | F | WHO IS ELIGIBLE   | HOW MUCH?  | HOW TO APPLY   |
|---|---|---|---|---|---|---|---|--|--|
| Federal Pell Grant  | Y | Y | Y |   |   | Y |   | Awards range from \$555 - \$5,550  |  |
| Federal Work-Study  | Y | Y | Y |   | Y | Y |   | Awards range from \$750-\$2,300 per semester. The student earns these funds through part-time employment and receives a paycheck every two weeks.  |  |
| Academic Competitiveness Grant  | Y | Y | Y |   | Y | Y | U.S. citizens who graduate from high school after 1/1/2005 and completed a rigorous secondary school program of study. Students must be Pell Grant eligible and enrolled half-time in an Associate Degree or Certificate program.   | Up to \$750 for the first academic year.<br>Up to \$1,300 for the second academic year.  | Students who self-certify that they have completed a rigorous high school program on the FAFSA will be reviewed for eligibility. |
| Federal Supplemental Educational Opportunity Grant  | Y | Y | Y |   | Y | Y |   | Awards range from \$100 - \$1,000.   |  |
| Federal Direct Loan<br>(A) Subsidized<br>(B) Unsubsidized (You Pay Interest While In School)  | Y | Y | Y |   | Y | Y | a) Cost minus Family Contribution minus Other Aid = Need.<br>b) Cost minus Other Aid (including subsidized loan) = Need.  | Dependent student subsidized plus unsubsidized loan maximum is \$5,500 as Freshman, \$6,500 as Sophomore. Independent student may be eligible for additional unsubsidized Stafford loan. | Obtain application from Delta College Financial Aid Office or online at:<br><br>www.delta.edu                                    |
| Federal Parent Loan (Plus)  | Y | Y | Y |   | Y | Y | Parents of dependent students.  | Cost of attendance minus aid = eligibility.  | Apply at www.studentloans.gov  |
| Veterans Benefits   | Y |   |   |   | Y |   | Veterans who are eligible or certain dependents of deceased or disabled veterans.   | Varies.  | Contact Veterans' Services at Delta College or visit their website at www.delta.edu>AtoZ>veterans                                |
| <b>STATE OF MICHIGAN PROGRAMS</b>   |   |   |   |   |   |   |   |  |  |
| Michigan Competitive Scholarship Program  | Y | Y | Y | Y |   | Y | Students who qualify as semi-finalists on ACT test. Awards made by State of Michigan Department of Education.   | Maximum award to be determined by state each academic year.  | Take the ACT test in high school. If eligible, list Delta College (002251) in Step 6 of FAFSA. FAFSA deadline March 1st.         |
| Tuition Incentive Program (TIP)   | Y | Y |   | Y |   |   | Students under the age of 20 at the time of high school graduation or GED completion and who were Medicaid recipients.  | Contact 1.800.447.2687.  | TIP eligibility based on Medicaid Insurance recipient for at least 2 years of a 3-year time period.                              |
| Michigan Indian Tuition Waiver  |   |   |   | Y |   |   | Must have written certification from tribe of being at least 24% Native American and proof of 1-year Michigan residency.  | Tuition-only for any number of credits. Does not pay fees or other charges.  | Obtain ITW application at www.michigan.gov   |
| <b>DELTA PROGRAMS</b>   |   |   |   |   |   |   |   |  |  |
| Board of Trustees Scholarship/Board of Trustees Scholarship Award   | Y |   |   |   | Y |   | Tri-County high school graduates recommended by their high school Guidance Counselors   | Determined annually by the Board of Trustees.  | Contact high school guidance counselor.  |
| Adult Education Scholarship   | Y |   |   |   | Y |   | Tri-county adult education graduates recommended by their high school directors. Based on academic excellence.  | 6 credit hours of tuition each semester up to a maximum of 30 total credit hours. Must be used within 4 years of the award.  | Contact the director of adult education at your high school.   |
| Foundation Scholarships   | Y | Y |   |   | Y | Y | Students must meet the selection criteria of the various donors. In most cases, students should have a GPA of 3.0 or better and show financial need.  | Typical awards range from \$400-\$1,600.   | Obtain the online scholarship application at www.delta.edu. See deadline dates   |
| A. Must meet standards of academic progress for financial aid recipients.<br>B. Must not owe a refund or be in default on any Title IV Aid.<br>C. Must demonstrate financial need as determined by the federal formula. |   |   |   |   |   |   | D. Must be a Michigan resident.<br>E. Must be enrolled in a Delta College academic degree or certificate program.<br>F. Complete and submit the free application for Federal Student Aid according to the directions provided. Be sure to list Delta's Title IV Code (002251) on the application. |  |  |

# Registration



Registration at Delta generally takes place three times a year, starting in March/April for the Fall Semester, starting in late October for the Winter Semester, and starting in March for the Spring/Summer Semester.

## The Registration Process

Any student - new, returning, readmitted, dual, transfer, and guest - may register online at [www.delta.edu](http://www.delta.edu) using MyDelta.

- As a new student, you are eligible to register after you complete orientation.
- As a returning, dual, or transfer student you may be given priority to register according to the number of credits you have completed at Delta (including a maximum of 38 transfer credits).
- If you are designated an official guest student by the Admissions Office, you may register at the time all students can register.

Each semester, registration periods are held for any student who has missed the above registration opportunities.

You are expected to register during the official registration periods. After the course has started, but before the midpoint of the course, you may register with the written permission of the instructor. You may not register past the midpoint for any course. It is College policy that if you have financial obligations to Delta College, you will not be allowed to register until the obligations have been paid or cleared.

For detailed information regarding on-line and in-person registration, you should consult the Course Guide booklet or online at [www.delta.edu](http://www.delta.edu) prior to the start of each semester's registration period. The Guide is also available in the Registrar's Office, Counseling, Admissions Office, the Planetarium and Learning Center in Bay City; the Ricker Center in Saginaw; and the Midland Center.

**Cancelled Courses:** The College reserves the right to cancel any course which does not have a sufficient enrollment of students to warrant its continuation. You should attempt to add another course or apply for a refund at the Registrar's Office. You may also request a refund by phone, letter to the Registrar's Office or email [regis@delta.edu](mailto:regis@delta.edu).

**Course Schedule Changes:** You are expected to complete the courses in which you are registered. If a change is necessary, you may drop online via MyDelta, file a drop form at the Registrar's Office, send a letter, e-mail, or fax to the Registrar's Office requesting the drop or withdrawal. The date this form is received or the postmark on the envelope is the official drop date for the course.

**Added Courses:** You may add courses until the first session begins online via MyDelta or at the Registrar's Office. Courses added after this require written permission of the instructor or division chair with these exceptions:

- eLearning courses require permission after the start date of the course.
- Open entry/open exit courses do not require instructor permission after the start date of the course.

**Student-Initiated Drops:** For courses officially dropped within the refund period of the course, no grade will be reported or recorded on the official College transcript. If the course is officially dropped after the refund period and through four-fifths of the course (the 12th week of a 15-week semester course) you will receive a grade of "W".

If you do not officially withdraw/drop, the instructor will assign an appropriate final letter grade ("A" through "F") in relation to total course requirements achieved.

**Instructor-Initiated Drops:** An instructor has the option of authorizing a grade of "WI" (withdrawal by instructor) for you if you have missed an excessive number of course hours of instruction or you lack the course prerequisites. This authorization may be initiated through four-fifths of the course and reported to the Registrar's Office.

Upon receipt of an authorization, the Registrar's Office will notify you of the reason for the drop.

If you wish to appeal an instructor-initiated drop, the contact must be with the course instructor. If necessary, mediation may be requested of the appropriate Division Chair. All appeals must be in writing, signed by you as the person requesting the appeal, and received within one week following notification of the drop.

**Withdrawal from College:** To completely and officially withdraw (drop all courses), you may complete a drop form at the Registrar's Office. Withdrawal may also be processed online via MyDelta or requested by letter, fax, or e-mail. The date this form is received or the postmark on the envelope is the official withdrawal date.

## Course/Credit Load

If you are a full-time student, course load is 12-18 credits in a semester. To register for a course load in excess of these limits, you must obtain special permission from a counselor before registration. Approval of an excess course load depends upon your previous academic record.



**On the Web:** [www.delta.edu](http://www.delta.edu)



## Tuition and Fees

Full payment of tuition and fees by the payment deadline is required to complete registration. Payment may be made by check, cash, MasterCard, VISA, or Discover, with a tuition payment plan, or with approved financial aid or sponsor authorization. When you register for a class, a seat is reserved for you. This obligates you to pay tuition and fees for that seat. If your payment is not sufficient or subsequently adjusted for changes in financial aid or sponsor authorization, Delta College reserves the right to drop you for non-payment or submit your unpaid student account balance to legal collection process. You will be responsible to pay any collection and attorney fees resulting from legal collection process.

Tuition is assessed by credit based on your residency status. The per-credit tuition rate for each semester is published in the Course Guide booklet and is subject to change without prior notice by action of the Board of Trustees.

Fees are charged for specific courses, and are subject to change without prior notice.

If you are a resident of the Delta College district, 60 years of age or older, you may register for courses offered by the College and receive a grant reducing the amount of tuition due by 50%. The grant does not apply to fees (registration, technology, contact hour, course, etc.), books, supplies, trip costs, or other special fees. The College reserves the right to exempt certain courses or programs from grant eligibility. To be eligible for the Senior Citizen Grant Program, you must have a Delta College identification number. The identification number is issued by the Enrollment Services Office after completing a brief application form, which requires proof of age.

An Early Registration Fee of \$30 is charged before the first payment deadline (or \$60 after this) to academic students once each semester or session. Exception: For late start classes, register at least one week before class start date and pay \$30 Registration Fee. A registration fee is not charged to non-credit students.

**Payment Deadlines:** Refer to the Course Guide booklet or online at [www.delta.edu](http://www.delta.edu) for payment deadlines each semester.

**Textbooks and Equipment:** You are required to purchase your own textbooks, supplies, personal attire (i.e., lab coats, clinic shoes, etc. as required by courses), special equipment and tools, and attire and equipment for lifelong wellness courses. Most of these items may be purchased at the College Bookstore, which is located in the Commons/Food Court area and open during all College registration hours, or online.



**On the Web:** [www.delta.edu/bookstore](http://www.delta.edu/bookstore)

## Refund Policy

You may drop courses at the Registrar's Office in person. You may also drop by mail, fax, e-mail, or on-line via MyDelta.edu as deadlines may fall on Saturday or Sunday, when offices are closed. Payments for tuition and fee refunds are processed after the Add/Drop period has ended.

### Tuition and Special Course Fee:

**100% refund:** from the official start date and through the 7th calendar day\* (including the first day of class, Saturday, Sunday and holidays).

**50% refund:** from the 8th through the 11th calendar day\* (including the first day of class, Saturday, Sunday and holidays) of the official start date of the course.

**No refund:** after the 11th calendar day (including the first day of class, Saturday, Sunday and holidays) of the official start date of the course.

### For courses less than four weeks but more than 2 days:

**100% refund:** through the first quarter of the total days\*\* of the course

**50% refund:** through the second quarter of the total days\*\* of the course.

**No refund:** after the second quarter of the course.

### For one or two day courses:

**100% refund:** before the start date of the course.

**No refund:** after course begins.

Courses which have nonrefundable tuition or course fees are noted on my Delta "Search for Classes."

### Registration Fee

No refund, unless all courses are cancelled by the College.

### Offset

During the 12th through the 25th day from the official start date listed in the schedule, students are permitted to offset equal credits and course fees within the same academic discipline (for example, switching from one ENG course to another ENG course, but not from an ENG course to a MTH course) with the written recommendation of their instructors through the add/drop procedure. For credits or fees added in excess of credits dropped, additional tuition and fees must be paid. During this period, grades of "W" will not be assigned to courses dropped through the offset process. Offset cannot be done between sessions (for example, dropping an ENG course during the first 7 1/2 week session and adding an ENG course during the second 7 1/2 week session or dropping a MTH course during the Spring 7 week session and adding a MTH course during the Summer 7 week session).

### Financial Aid Recipients

For students receiving Federal financial aid, funds are returned to programs according to Federal guidelines. Funds are returned in order to Federal Loan Programs, Federal Pell Grant, Federal SEOG, and to other Title IV aid programs.

Students receiving Federal aid who withdraw completely, see Financial Aid for details of the Return of Funds policy that is in place for all recipients of Federal financial aid.

### Request for Refund Exception

The college realizes that on occasion students may need to request an exception to the withdrawal/refund deadline as published due to **extenuating** circumstances. Examples of such circumstances may be obtained on the web at [www.delta.edu](http://www.delta.edu) (search Refunds) or in the Registrar's Office-B100.

\*Calendar day is defined as all the days of the week including Saturday and Sunday.

\*\*Total days is defined as all the days of the course including the start date to the end date listed in the schedule booklet including Saturdays and Sundays.



**On the Web:** [www.delta.edu](http://www.delta.edu)

**Section III**

# **Programs**

# Transfer Programs and Procedures



Delta College offers three Associates degrees which provide you with the foundation to transfer to a Baccalaureate granting college or university:

- Associate of Arts (AA 40000)
- Associate of Science (AS 40000)
- Associate of Fine Arts (AFA 40382)

The requirement for the Associate of Art and the Associate of Science are listed in Section IV Graduation Requirements, while the requirements for the Associates of Fine Arts degree can be found in Section III programs.

Transfer programs can be individually developed with a Delta Counselor/Advisor. Also, with the addition of some courses, almost any Delta College Career Education Associate in Business Studies Degree, Associate in Applied Science Degree, or Associate in Applied Arts Degree may be utilized in part toward fulfilling a portion of a Baccalaureate degree. Transferability of these career education programs and courses depends primarily upon the major area of study in the Baccalaureate degree and the senior school of choice.

## Transfer Mission Statement

To facilitate a seamless transition of students and course credits toward degree completion, Delta College is committed to providing academic programs, support services and formal articulation processes for students transferring to or from other accredited institutions.

Delta College is an excellent choice for students planning to earn an Associate degree. While enrolled at Delta in a transfer degree program, you will enjoy these benefits:

- A campus that is convenient to your home and job.
- Costs that are well below four-year colleges and universities.
- Classes that are small and interactive.
- Faculty who are sincerely concerned about your success and available to provide individual assistance.
- Personal student services and academic advising that will support your career decision-making and educational needs.
- Transfer courses that are recognized by respected colleges and universities throughout the United States.
- Time to establish firm career goals and adjust to college-level studies.
- Opportunity to refine your academic abilities and improve reading, composition, mathematics and study skills if needed.

Delta's Associate in Arts, Associate in Science and Associate in Fine Arts Degree Programs provide you with a solid academic foundation required for success at your chosen four-year college or university.

Basically, Delta College provides the first half (freshman and sophomore years) of most Baccalaureate degree programs. After completing your Associate in Arts, Associate in Science, or Associate in Fine Arts Degree at Delta College, you will, in most cases, be qualified to transfer to complete the second half (junior and senior years) of the Baccalaureate degree if you have planned carefully, followed the academic advising provided by Delta Counselors/Advisors, and successfully completed the required courses at the minimum grade level stated by the four-year college or university. It is particularly important for you, as a transfer student, to choose your four-year school in your freshman year because the preparation needed at Delta College to enter one transfer school may be different from the preparation and admission requirements at another school. Professional counselors are available at Delta College to assist you in choosing your college or university and helping plan your transfer program to fit that school.

## Transfer Wizard

**Transfer Wizard** is a feature on the Delta College website that allows you to see how courses from several Michigan colleges and universities transfer in to Delta. This does not replace the requirement that all students must send an official transcript to Delta College, but rather is intended to help students guide themselves in selecting courses at Delta College.



**On the Web:** [app.delta.edu/transferwizard/SchoolList.aspx](http://app.delta.edu/transferwizard/SchoolList.aspx)

## Michigan Transfer Network

The Michigan Transfer Network (MTN) is a centralized web-based system that allows any student who has completed a course at any Michigan college or university to find the equivalency for that course at any other Michigan college or university. New equivalencies are loaded to the MTN regularly. If you don't see the course you are looking for it does not mean you will not receive credit. Contact the college/university to which you wish to transfer the course.



**On the Web:** [www.michigantransfERNETWORK.org](http://www.michigantransfERNETWORK.org).

## MACRAO Articulation Agreement with Senior Colleges

The Michigan Association of Collegiate Registrars and Admissions Officers (MACRAO) Articulation Agreement was established to improve transfer student articulation between two-year and four-year colleges and universities in Michigan. Delta College is a participant in this MACRAO Agreement with the following four-year institutions:

- |                                 |                                   |
|---------------------------------|-----------------------------------|
| * Adrian College                | * Madonna University              |
| Albion College                  | Marygrove College                 |
| Baker College                   | * Michigan State University       |
| * Calvin College                | * Michigan Tech. University       |
| Central Michigan University     | * Northern Michigan University    |
| Cleary University               | Northwood University              |
| * Concordia University          | * Oakland University              |
| Davenport University            | Olivet College                    |
| * Eastern Michigan University   | Rochester College                 |
| * Ferris State University       | * Saginaw Valley State University |
| * Finlandia University          | Saint Mary's College              |
| * Grand Valley State University | * Siena Heights University        |
| Lake Superior State University  | Spring Arbor University           |
| * Lawrence Tech. University     | Western Michigan University       |

\* Indicates four-year colleges and universities which have attached provisions to their Agreements. Usually these can be satisfied after transferring. These provisions can be obtained from the four-year institution.

This Agreement provides that if you complete either the Associate in Arts Degree or the Associate in Science Degree **with a minimum grade of "C" in the MACRAO courses**, or all of the following requirements at Delta College, and are accepted as a transfer student by one of the above schools, you will have satisfied the basic general education requirements of that school. The MACRAO Articulation Agreement does not guarantee admission into a particular college or into any particular program at that college. This Agreement applies to basic studies/general education and does not exempt the transferring student from meeting specific requirements for a particular program or program of study; i.e., education, engineering, business, social work. **Acceptable courses are specified under the Associate in Arts and Associate in Science Degree Requirements in Section IV, Academic Policies, Graduation Requirements.** The specific requirements of the MACRAO Agreement are:

- |  |                    |
|--|--------------------|
| 1. English Composition   | 6 Semester Credits |
| 2. Humanities<br>(in at least two subject areas)   | 8 Semester Credits |
| 3. Social Sciences<br>(in at least two subject areas)  | 8 Semester Credits |
| 4. Natural Sciences<br>(in at least two subject areas; must include at least one lab course) | 8 Semester Credits |
| 5. A minimum of 12 credits must be taken at Delta.   |                    |
| 6. Achieve a minimum grade of "C" in each of the above courses.                              |                    |

A certificate option for MACRAO is available, see "Liberal Arts" program. You can make a request that the MACRAO Agreement be put on your official transcript at the Registrar's Office or online at [www.delta.edu](http://www.delta.edu).



**On the Web:** [www.macrao.org](http://www.macrao.org)

## Transferability of Delta Courses

Based upon information provided to Delta College from the major Michigan public and private four-year universities, Delta's counseling/advising staff has developed many transfer program guide sheets which provide specific course equivalency information about how Delta College courses will transfer relative to specific programs. The transferability of courses between colleges/universities depends on:

1. The college/university into which you transfer.
2. Your program of study (program, or more specifically, the major and/or major and minors you are seeking).
3. The grade you receive in the course. In general, a C or better is necessary; a B in "major" courses.
4. Whether or not the transfer college/university has an equivalent (same course and if so, the number of credits acceptable for their course).
5. The level of the course. For example, an intermediate algebra course may be acceptable for one program, but not for others that require higher levels of mathematics.

Delta College has liaison relationships with many colleges and universities regarding their transfer requirements and program recommendations; however, if you wish to transfer credits from Delta to another college/university, it is *your* responsibility to be aware of that institution's transfer policies and program requirements.

There is a limit to the number of credits you may transfer into a college or university. Generally, this is 62 credits, or half the total number of credits required for the Baccalaureate degree (always check with college/university).

You should maintain close contact with your counselor or advisor for all possible assistance in registering for the proper courses and maintaining the necessary level of academic performance. While Delta College will make every effort to give proper guidance, you are responsible for your own choices and for developing your own educational plan.

## Evaluating Colleges

Transferring from one college/university to another is very common, but to make it a positive experience, you are encouraged to investigate colleges and universities and their degree requirements; plan ahead; and work closely with your Delta College counselor/advisor, especially in selecting the correct courses for your transfer program. Listed below are several important things to think about as you start evaluating various colleges and universities. You may investigate colleges in Michigan at [www.macrao.org](http://www.macrao.org) or [www.michigantransfernet.org](http://www.michigantransfernet.org) on the Internet.

The **academic climate** of the institution should definitely be explored. Compare your background and abilities with those of the present students at that particular college or university. The transfer institution's admissions staff and your Delta counselor/advisor can be very helpful in this regard. You should read carefully each institution's statement on admissions requirements to be certain you can meet them.

The **program offerings** of the various institutions need to be considered in your decision-making process. If you are interested in a specific field of study, you should look first at colleges and universities offering recognized and accredited programs in that area. Not all colleges/universities offer the same programs of study.

There are **non-academic factors** to consider also in making your college or university choice. How large is the student body? Is campus housing available? What is the nature of the community in which the school is located and how far is it from home? Does the institution provide the environment and opportunity for the types of extracurricular activities that you enjoy (e.g., sports, arts, student government)? Where and what types of jobs are their graduates getting and what type of placement services do they provide? Be sure to get answers to questions like these through visits to the campus, by looking at the catalog, on the college/university's homepage on the internet, or by talking to current students at the college/university. This information can help you choose an institution that fits your personal interests.

Your investigation should also include a thorough review of the **cost** of the college or university being considered. Usually the basic educational expenses of the institutions for an academic year can be determined from their current catalog. Then, add on amounts for such items as personal expenses and room and board to come to a total that will realistically reflect your overall costs.

Last, but certainly not least, are the respective **application procedures for admission and financial aid**. You must submit all required admissions forms correctly and on time if you expect full consideration. You must also submit all financial aid forms correctly and on time. The schools often make their decisions about admission and financial aid soon after the deadline. They must decide on the basis of the material that they have in hand, so it is to your advantage to be prompt and accurate. Many Michigan institutions charge an admissions application fee and all have specific deadline dates by which your application and other necessary credentials (required test scores, high school and college transcripts) must be received.

## Transfer Degree Requirements

Each institution of higher education has its own requirements for admission, majors, general education, and so on. These requirements are stated in the college/university's official catalog, bulletin, or on its website. Usually credits are defined as semester hours but some colleges and universities use the term or quarter hour system. To earn a Bachelor's degree, you will generally be required to fulfill the following:

- **Credit requirements.** Minimum number of credits, typically 120 to 130 semester credits for a Bachelor's degree.
- **General Education requirements.** Minimum number of credits earned in each of certain broad groups of courses, such as the humanities, the social sciences, the physical or natural sciences, and mathematics. Some institutions refer to these as distribution or core requirements.
- **Level requirements.** Minimum number of credits earned in courses on such levels as introductory, intermediate, and advanced, or in specific numbered levels of courses such as 300 and 400, commonly referred to as junior and senior-level courses.
- **Major or concentration requirements.** Minimum number of credits earned in a subject area of specialization (i.e., English, chemistry, business administration) for the degree. About one-fourth of the total number of credits required for a degree must be in the major or field of concentration.
- **Minor requirements.** Minimum number of credits earned in a second subject of concentration/specialization. Generally the number of credits required is about half to two-thirds required for a major. Not all degrees require you to declare a minor.

- 
- **Residence requirements.** Minimum number of credits earned in attendance at the institution which is granting the degree (as opposed to transfer credits earned at another college/university). This is not to be confused with residency which refers to where one lives.
  - **Elective requirements.** Minimum number of credits earned in optional courses that the student chooses.
  - **Grade requirements.** Minimum cumulative grade point average GPA of grades earned in all courses taken and often, in all courses taken in the major and/or minor. Some colleges and universities also require a minimum grade in specific courses.
  - **Specific subject requirements.** Examples include: freshman-level English composition; mathematics; science; two years of foreign language as demonstrated on a specified examination; and computer literacy.

# Transfer and Career Education Articulations



Transfer programs of study are designed for students who have earned at least 62 credits at Delta College and then transfer to a four-year college or university. Articulation guides for the following colleges and universities are available at the Delta College Articulation Office web page below. The universities below have signed an articulation agreement with Delta College to guarantee a smooth transition.



**On the Web:** [www.delta.edu/artic](http://www.delta.edu/artic)

| Delta College Program (Code)   | University - Program (Degree)  |
|--|--|
| Accounting (ABS.10172)   | <b>Davenport University</b> - Accounting Information Management (BBA)<br>Professional Accountancy (BBA/MBA)<br><b>Davenport</b> - Accounting Fraud Investigation (BBA)<br>Finance (BBA)<br><b>Northwood University</b> - Accounting (BBA) - Management (BBA/MBA)<br>*DU, FSU, FU, KU, OU, SAU, SHU, SLU, SVSU  |
| Architectural Technology (AAS.15872)   | <b>CMU</b> - Administration/Building Code (BAA)<br>Administration/Organization Administration (BAA)<br>*DU, EMU, FSU, FU, KU, OU, SAU, SHU, SLU, SVSU  |
| Art & Design (AFA.40382)   | <b>Central Michigan University</b> - Fine Arts (BFA)<br><b>College of Creative Studies</b> (BFA)<br><b>SVSU</b> - Fine Arts (BFA)<br>*FSU, KU, OU, SAU, SLU,   |
| Automotive Service Education Program (AAS.60842)   | *DU, EMU, FSU, FU, NU, KU, OU, SAU, SHU, SLU   |
| Automotive Service Technology (AAS.15844)  | *DU, EMU, FSU, FU, KU, OU, SAU, SHU, SLU   |
| Aviation Flight Technology (AAS.25795)   | <b>Western Michigan University</b> - Aviation Flight Science (BS)<br>*EMU, FSU, FU, KU, OU, SAU, SHU, SLU  |
| Business Administration (AA.40000)   | <b>Central Michigan University</b> - All Business Majors (BS in Bus Admin)<br><b>Franklin University</b> - All Business Majors (BS)<br><b>Kettering University</b> - Business Administration (BS)<br><b>Northwood University</b> - All Business Majors (BBA)<br><b>Rochester College</b> - Management (BBA)<br><b>Saint Leo University</b> - All Business Majors (BA) (BS)<br><b>University of Michigan - Flint</b> - Business Administration (BBA)<br>*FU, KU, OU, SAU, SLU,  |
| Chemical Processing Technology (AAS.15829)   | *DU, EMU, FSU, FU, KU, OU, SAU, SHU, SLU, SVSU   |
| Chemical Technology (AAS.15464)  | <b>Central Michigan University</b> - Chemistry (BS)<br><b>Eastern Michigan University - Polymers &amp; Coatings (BS)</b><br>*EMU, FSU, FU, KU, OU, NU, SAU, SHU, SLU, SVSU   |
| Chemistry (AS.40000)   | <b>Central Michigan University</b> - Chemistry (BS)<br><b>Kettering University</b> - Environmental Chemistry (BSEC)<br>*EMU, FU, KU, OU, NU, SAU, SLU  |
| Child Development (AAA.25762)  | <b>Ferris State University</b> - Early Childhood Education (BS)<br>*FU, KU, OU, NU, SAU, SVSU  |
| Chiropractic, Pre (AS 40000)   | <b>Palmer College of Chiropractic</b><br>*KU   |
| Computer Science (AA.40000) (AS.40000)   | <b>Franklin University</b> - Computer Science (BS)<br>Management Information Sciences (BS)<br><b>Kettering University</b> - Computer Science (BS)<br>*FU, KU, OU, NU, SAU  |
| Computer Science & Information Technology<br>(Business & Information Technology ABS.10130)<br>(Computer Applications ABS.10131)<br>(Network Technology AAS.17135)<br>(PC Systems Support & Technology AAS.17136)<br>(Programming AAS.17137)<br>(Web Information Technology AAS.17138)<br>(Information Security & Technology AAS 17165) | <b>Capitol College</b> - Information Assurance (BS)<br><b>Davenport University</b> - Biometric Security (BAS)<br>- Computer Gaming and Simulation (BAS)<br>- Computer Networking (BAS)<br>- Computer Information Systems (BAS)<br>- Network Security (BAS)<br>- Information and Computer Security (BAS)<br>- Global IT Project Management (BS)<br>- Database Management (BS)<br>- Programing (BAS)<br>- Web Design Development (BS)<br><b>Ferris State University</b> - Computer Information Systems (BS)<br>Information Security & Intelligence (BS)<br><b>Northwood University</b> - Management Information Systems/Management (BBA)<br><b>Saint Leo University</b> - Computer Information Systems (BS)<br>*EMU, FU, KU, OU, SHU, SAU, SLU, SVSU |
| * See KEY - page 28  |  |

| <b>Delta College Program (Code)</b>   | <b>University - Program (Degree)</b>  |
|---|---|
| Dietetics, Pre (AS.40000)   | <b>Central Michigan University</b> - Dietetics (BS)<br>*EMU, FU, KU, NU, OU, SLU  |
| Construction Management (AAS.15875)   | *DU, EMU, FSU, FU, KU, NU, OU, SAU, SHU, SVSU   |
| Criminal Justice (Basic Police Training - AAA.25725) (Corrections - AAA.25726) (Law Enforcement - AAA.25727) (Loss Prevention Specialist - AAA.25723) | <b>Central Michigan University</b> - Community Development - Public Administration (BS)<br><b>Davenport University</b> - Public Safety & Security Management (BBA) - Biometric Security (BAS)<br><b>Ferris State University</b> - Criminal Justice (Options - Corrections, Law Enforcement, and Law Enforcement with Basic Police Training)<br><b>Saginaw Valley State University</b> - Criminal Justice (BA) (Law Enforcement only)<br>*EMU, FSU, FU, KU, NU, OU, SAU, SHU, SLU, SVSU  |
| Dental Assisting (AAS.20510)  | *CMU,DU, EMU, FSU, KU, NU, OU, SAU, SHU, SLU, SVSU  |
| Dental Hygiene (AAS.20515)  | <b>University of Detroit Mercy</b> - Dental Hygiene (BS)<br>*CMU,DU, EMU, FSU, FU, KU, NU, OU, SAU, SHU, SLU, SVSU  |
| Electronic Media/EMB (AAA.15340)  | <b>Ferris State University</b> - Television & Digital Media Production (BS)<br>*EMU, FSU, FU, KU, NU, OU, SAU, SHU, SLU, SVSU   |
| Elementary Education (AA.40000)   | <b>Central Michigan University</b> - Elementary Education (BS)<br><b>Saginaw Valley State University</b> - Elementary Education (BA)  |
| Engineering, Pre (AS.40000)   | <b>Central Michigan University</b> - Electric Engineering (BS)<br>Mechanical Engineering (BS)<br><b>Kettering University</b> - Applied Mathematics (BS)<br>Applied Physics (BS)<br>Computer, Electrical, Industrial, and Mechanical Engineering (BS)<br>Environmental Chemistry (BS)<br>Management (BS)<br><b>Saginaw Valley State University</b> - Electrical Engineering (BSEE)<br>Mechanical Engineering (BSME)<br>Engineering Technology Management (BS)<br><b>Lawrence Technological University</b> - Manufacturing Industrial Technology<br>Mechanical Engineering Technology<br>Welding Technology<br>*FU, KU, NU, OU, SLU, UM-F |
| Environmental Technology (AAS.15466)  | <b>Central Michigan University</b> - Environmental Studies (BS)<br>*DU, EMU, FSU, FU, KU, NU, OU, SAU, SHU, SLU, SVSU   |
| Fire Science (AAS.25731-25736)  | <b>Central Michigan University</b> - Community Development - Public Administration (BS)<br><b>Davenport University</b> - Public Safety & Security Management (BBA)<br>*EMU, FSU, FU, KU, NU, OU, SAU, SHU, SLU, SVSU  |
| Geography (AA.40000) (AS.40000)   | <b>Central Michigan University</b> - Geographic Information Sciences (BS)<br>*FU, KU, SAU   |
| Health Fitness Education & Promotion (AAS.25710)  | <b>Central Michigan University</b> - Health Fitness (BS)<br><b>Davenport University</b> - Health Services Administration (BBA)<br>*FSU, FU, KU, NU, OU, SAU, SHU, SLU, SVSU   |
| Industrial Technology Education (AAS.15710)   | <b>Saginaw Valley State University</b> - IT Education (BAS with secondary teaching certificate)<br>*DU, EMU, FU, KU, OU, SAU, SHU, SLU, SVSU  |
| Journalism (AA.40000)   | <b>Central Michigan University</b> - Integrative Public Relations (BS)<br>Journalism (BS)<br>*FU, NU, OU, SLU   |
| Legal Support Professional (ABS.10282)  | <b>Davenport University</b> - Paralegal Studies (BS)<br><b>Eastern Michigan University</b> - Legal Assistant-Paralegal Studies (BS)<br>*EMU, FSU, FU, KU, NU, OU, SHU, SLU, SVSU  |
| Liberal Arts (Meteorology) (AA.40000) (AS.40000)  | <b>Central Michigan University</b> - Meteorology with CS & Mathematics Minors (BS))<br>*FU, KU, NU, OU, SLU, UM-F   |
| Liberal Arts (Physics/Chemistry) (AA.40000) (AS.40000)  | <b>Central Michigan University</b> - Physics Plan B (BS)<br>Chemistry (BS)<br>Chemical Technology Plan B (BS)<br><b>Kettering University</b> - Applied Physics (BSAP)<br>Environmental Chemistry (BSEC)<br>*FU, KU, NU, OU  |
| Liberal Arts (Political Science/Econ) (AA.40000) (AS.40000)   | <b>University of Michigan - Flint</b> - Masters in Public Administration (MPA)<br>*FU, KU, NU, OU   |

\*See Key page 28

| Delta College Program (Code)   | University - Program (Degree)  |
|--|--|
| Management<br>(ABS.10251 - Cosmetology)<br>(ABS.10254 - General)<br>(ABS.10256 - Marketing)<br>(ABS.10257 - Merchandising)<br>(ABS.10258 - Office Services)<br>(ABS.10260 - Retail)<br>(ABS.10262 - Entrepreneurship/Small Business) | <b>Davenport University</b> - Human Resources Management (BBA)<br>- International Business (BBA) - Service Management & Marketing (BBA)<br>- Management (BBA) - Sports Management (BBA)<br>- Marketing (BBA) - Strategic Human Resource Management (BBA)<br><b>Eastern Michigan University</b> - (BBA with approved Business major)<br>[General Management only]<br><b>Kettering University</b> - Management (BS)<br><b>Northwood University</b> - Management (BBA)<br>- Marketing & Management - dual major (BBA)<br>- Fashion Marketing/Management - dual major (BBA)<br><b>Spring Arbor University</b> - Organizational Management (BS)<br><b>Walsh College</b> - Management (BBA)<br>*CMU, FSU, FU, KU, OU, SHU, SLU, SVSU |
| Manufacturing and Industrial Technology<br>(AAS.15851)   | <b>Lawrence Technological University</b> - Engineering Technology (BS)<br><b>Saginaw Valley State University</b> - Engineering Technology Management (BS)<br>*DU, EMU, FSU, FU, KU, NU, OU, SAU, SHU, SLU  |
| Mechanical Engineering Technology (AAS.15822)  | <b>Lawrence Technological University</b> - Engineering Technology (BS)<br><b>Saginaw Valley State University</b> - Engineering Technology Management (BS)<br>*CMU, DU, EMU, FSU, FU, KU, NU, OU, SAU, SHU, SLU   |
| Medical Office Professions/Medical Secretary (ABS.10288)   | <b>Davenport University</b> - Health Service Administration (BBA)<br>- Medical Case Management (BBA)<br>*EMU, FSU, FU, KU, NU, OU, SAU, SHU, SLU   |
| Nursing RN (AAS.20564)   | <b>Davenport University</b> - Nursing (BSN)<br><b>Ferris State University</b> - Nursing (BSN)<br><b>Saginaw Valley State University</b> - Nursing (BSN)<br><b>University of Michigan-Flint</b> - Nursing (BSN)<br>CMU, EMU, FU, KU, NU, OU, SAU, SHU, SLU  |
| Office Professions<br>(Administrative Assistant - ABS.10296)   | *DU, EMU, FSU, FU, KU, NU, OU, SAU, SHU, SLU, SVSU   |
| Physical Therapist Assistant (AAS.20573)   | <b>Central Michigan University</b> - Off-Campus Programs (BAA)<br>*CMU, DU, EMU, FSU, FU, KU, NU, OU, SHU, SLU, SVSU   |
| Radiography (AAS.20545)  | *CMU, DU, EMU, FSU, FU, KU, NU, OU, SAU, SHU, SLU, SVSU  |
| Refrigeration/Heating, Air Conditioning Service Technology (AAS.15890)   | *DU, EMU, FSU, FU, KU, NU, OU, SAU, SHU, SLU, SVSU   |
| Residential Construction (AAS.15887)   | *CMU, EMU, FU, KU, NU, OU, RC, SAU, SHU, SLU   |
| Respiratory Care (AAS.20579)   | *CMU, EMU, FU, KU, NU, OU, RC, SAU, SHU, SLU   |
| Secondary Education (AA.40000) (AS.40000)  | <b>Central Michigan University</b> - Secondary Education (BS)  |
| Skilled Trades (AAS.60891)   | *DU, EMU, FSU, FU, KU, NU, OU, SAU, SHU, SLU   |
| Sonography, Diagnostic Medical (AAS.20547)   | *CMU, DU, EMU, FSU, FU, KU, NU, OU, SAU, SHU, SLU, SVSU  |
| Surgical Technology (AAS.20549)  | *CMU, DU, EMU, FSU, FU, KU, NU, OU, SAU, SHU, SLU, SVSU  |
| Water Engineering Technology (AAS.15827)   | *EMU, FSU, FU, KU, NU, OU, SAU, SHU, SLU, SVSU   |
| Welding Engineering Technology (AAS.60897)   | *EMU, FSU, FU, KU, NU, OU, SAU, SHU, SLU, SVSU   |
| * See KEY - page 28  |  |

## Community College Agreements

As a member of the Michigan Community College Association, Delta College partners with other community colleges to provide effective short-term transfer programs. Discussion continues with many other community colleges. Current partnerships include:

| Delta College Program (Code)                  | University - Program (Degree)   |
|---|---|
| Chemical Process Technology (AAS.15829)       | <b>Alpena Community College</b> - Chemical Process Technology (AAS)<br><b>Bay de Noc College</b> - Chemical Process Technology (AAS)<br><b>Mid Michigan Community College</b> - Chemical Process Technology (AAS) |
| Criminal Justice (CSZ. 35725)                 | <b>Mid Michigan Community College</b> - Criminal Justice (AAS)<br>Law Enforcement with Basic Police Training (AAS)  |
| Criminal Justice, Law Enforcement (AAA.25727) | <b>Alpena Community College</b> - Law Enforcement with Basic Police Training (AAS)  |
| Dental Hygiene Clinicals (AAS.25015)          | <b>Alpena Community College</b> - Dental Hygiene Clinicals  |
| Maritime Deck or Maritime Engineering Officer | <b>Ferris State University</b> - Business Administration (BS)<br><b>Northwestern Michigan College, Great Lakes Maritime Academy</b>   |

### \* KEY to articulation information with select colleges/universities:

**(CMU) Central Michigan University** - Specific programs will transfer to CMU for a Bachelor of Science degree. Many occupational or technical programs will transfer to CMU (off campus programs) for a Bachelor of Applied Arts - Administration.

**(DU) Davenport University** - Specific associate degree programs from Delta College will transfer and apply to either a 2+2 or 3+1 bachelor degree program.

**(EMU) Eastern Michigan University** - Approved technical programs at Delta College will transfer to Eastern Michigan University and will apply toward a Bachelor of Science in Technology Management.

**(FSU) Ferris State University** - Any Delta College associate degree with a GPA of not less than 2.0 on a 4.0 scale may be transferred; qualified students may transfer all credits in the associate degree toward the bachelor degree.

**(FU) Franklin University** - A Delta College associate degree plus 20-24 credits from a recommended list may be transferred. Majors are available in Accounting, Applied Management, Business Administration, Computer Science, Digital Communications, Health Care Management, Information Technology, Management, Management Information Sciences, and Public Safety Management. FU courses may be taken at home through distance learning. Nine minors are also available; on the web; [www.alliance.franklin.edu](http://www.alliance.franklin.edu)

**(KU) - Kaplan University** - Students having completed an Associates Degree program (AA, AAS, AS, or specialized associate degrees) will be eligible for a block transfer and acceptance into Kaplan's "advanced start" baccalaureate option.

**(OU) Oakland University** - The 2 + 2 program provides for transfer of up to 62 credits. Students with an associate degree in any area except nursing may qualify for a Bachelor of General Studies Degree at Oakland University.

**(NU) Northwood University** - This university will accept any associate degree from Delta College and apply the credits to either a 2 + 2 or 3 + 1 program for a Bachelor of Business Administration with a major in management.

**(SAU) Spring Arbor University** - A maximum of 84 credit hours may be transferred from Delta College and applied toward a Bachelor of Arts in Family Life Education, a Bachelor of Social Work, or a Bachelor of Science in Organizational Management. Classes are offered in the Great Lakes Bay Region.

**(SHU) Siena Heights University** - Delta AA, ABS and AAS degrees will transfer and apply to a 3+1 Bachelor of Applied Science or Bachelor of Business Administration program.

**(SLU) Saint Leo University** - A Delta College graduate may transfer up to 66 credits including general education toward a Bachelor of Arts in Accounting or Business Administration or a Bachelor of Science in Computer Information Systems. All courses can be taken at home; on the web: [video.saintleo.edu](http://video.saintleo.edu)

**(SVSU) Saginaw Valley State University** - Specific technical associate degree programs at Delta College will transfer and apply to a Bachelor of Applied Studies degree. Additional basics and a minor are required to complete the bachelor degree. (Pertains only to Career Education Articulations.)

**(UM-F) University of Michigan - Flint** - The AA degree program in Business Administration Delta College will transfer to the University of Michigan - Flint and will apply toward a Bachelor of Business Administration program.

**(WC) Walsh College** - A maximum of 82 credit hours may be transferred towards a Bachelor of Business Administration degree with majors in Business Information Technology and Management, or a Bachelor of Science in Business Information Technology. Honors Fast Track students may transfer up to 87 credits towards the BBA/MBA program.

# Academic Programs



## Career Education Mission Statement

Delta College's Career Education Programs provide core knowledge, skills and learning experiences that prepare students for successful entry and advancement in careers, baccalaureate institutions, and global opportunities.

Many educational programs offered at Delta College are designed to prepare you for immediate employment in the job market. The career education curricula provides you with the necessary skills and knowledge required for entry-level positions in career fields. In addition, most programs are diversified sufficiently to create some social and economic awareness. Attending full-time, you can complete most Certificate programs in one year and the majority of Associate degree programs in two years.

Most career education programs are not specifically designed for transfer purposes to Baccalaureate degree-granting institutions. Transfer of all credits earned should not be expected.

In some programs, credits earned in career education programs may be transferable into a Baccalaureate degree program at a four-year college or university; however, these programs are not designed specifically to parallel the first two years of university study. You should consult with your Delta counselor and the Admissions Office of the college or university into which you wish to transfer.

## Terms Used in this Section

**Certificate:** A Certificate is awarded for the completion of various career education curricula. Most Certificates prepare you for specific jobs or aspects of a job. Some Certificates are part of an Associate degree program, in which case the credit earned in the Certificate may be used toward the Associate degree.

Certificate of Completion (C) - less than 6 credits

Certificate of Achievement (Z) - 6 to 23 credits

Advanced Certificate (A) - 24 or more credits

Post Associate Certificate (P) - beyond Associate's level with 6 or more credits.

**Applied Associate Degree:** The degree is broader in scope than the Certificate and includes a varying number of General Education and support courses.

AAS - Associate in Applied Science

AAA - Associate in Applied Arts

ABS - Associate in Business Studies

AFA - Associate in Fine Arts

DE (Dual Degree)-AAS & ABS

**Electives:** These are courses applicable toward a degree or Certificate which may be chosen to meet your individual interests and needs.

**Many courses in these Programs have prerequisites. See Section VI, Course Descriptions for prerequisite information.**

| Program Title   | Associate Degree | Certificate                  | Page |
|---|------------------|------------------------------|------|
| Academic Career Experience                                      |                  | CBZ.35100 (Z)                | 35   |
| Accounting  | ABS.10172        | CBZ.35172 (Z), CBA.35172 (A) | 37   |
| Alternative Energy - Wind Turbine                               | AAS.15805        |                              | 39   |
| Architectural Technology  | AAS.15872        |                              | 41   |
| Art + Design  | AFA.40380        |                              | 43   |
| Automotive Service Educational Program (ASEP)                   | AAS.60842        |                              | 46   |
| Automotive Service Technology                                   | AAS.15844        | CTA.35845 (A)                | 48   |
| Aviation Flight Technology                                      | AAS.25795        |                              | 50   |
| Chemical Process Technology                                     | AAS.15829        | CSA.35835 (A)                | 52   |
| Chemical Technology   | AAS.15464        |                              | 54   |
| Laboratory Science  |                  | CTA.35464 (A)                | 54   |
| Pre-Medical Laboratory Science                                  |                  | CHA.35564 (A)                | 54   |
| Child Development   | AAA.25762        | CSA.35763 (A)                | 57   |
| Educational Praprofessional                                     |                  | CSZ.35763 (Z)                | 57   |
| Communication   |                  |                              |      |
| Interpersonal   |                  | CSZ.35325 (Z)                | 59   |
| Presentational  |                  | CSZ.35326 (Z)                | 59   |
| Computer Aided Drafting   |                  | CTA.35865 (A)                | 60   |
| Computer Numerical Control                                      |                  | CTA.35864 (A)                | 61   |
| Computer Science & Information Technology                       |                  |                              |      |
| Business & Information Technology (BIT)                         | ABS.10130        |                              | 63   |
| Computer Applications (CA)                                      | ABS.10131        | CBA.35131 (A)                | 65   |
| Information Security & Technology (IST) / Criminal Technology   | AAS.17165        | CTP.35165 (P)                | 67   |
| Information Security & Technology (IST) / Financial Security    | AAS.17170        | CTP.35170 (P)                | 67   |
| Information Security & Technology (IST) / Information Assurance | AAS.17172        |                              | 67   |
| Network Technology (NT)   | AAS.17135        | CTA.35135 (A)                | 70   |
| PC Systems Support & Technology (PC)                            | AAS.17136        | CTA.35136 (A)                | 72   |
| Programming (PROG)  | AAS.17137        |                              | 74   |
| Web Information Technology (WEB)                                | AAS.17138        | CTA.35138 (A)                | 76   |
| Construction Management   | AAS.15875        |                              | 78   |

| Program Title   | Associate Degree | Certificate   | Page |
|---|------------------|---------------|------|
| <b>Criminal Justice:</b>                                |                  |               |      |
| Corrections   | AAA.25726        | CSZ.35724 (Z) | 80   |
| Corrections with Jail Officers Academy                  |                  | CSZ.35726 (Z) | 80   |
| Law Enforcement   | AAA.25727        |               | 80   |
| Law Enforcement with Basic Police Training              | AAA.25725        | CSZ.35725 (Z) | 80   |
| Security/Loss Prevention Specialist                     | AAA.25723        | CSZ.35723 (Z) | 80   |
| Customer Energy Specialist                              |                  | CTA.35873 (A) | 84   |
| Dental Assisting  | AAS.20510        | CHA.35512(A)  | 86   |
| Dental Hygiene  | AAS.20515        |               | 89   |
| Diagnostic Medical Sonography                           | AAS.20547        | CHA.35545 (A) | 92   |
| Digital Film Production                                 |                  | CEA.35330 (A) | 95   |
| <b>Dual Degrees</b>                                     |                  |               |      |
| Automotive Service Technology/General Management        | DE.30844         |               | 96   |
| Dental Assisting/General Management                     | DE.30518         |               | 96   |
| Dental Hygiene/General Management                       | DE.30519         |               | 96   |
| Diagnostic Medical Sonography/General Management        | DE.30547         |               | 96   |
| Health Fitness Education & Promotion/General Management | DE.30710         |               | 96   |
| Nursing/General Management                              | DE.30569         |               | 96   |
| Physical Therapist Assistant/General Management         | DE.30575         |               | 96   |
| Radiography/General Management                          | DE.30546         |               | 96   |
| Respiratory Care/General Management                     | DE.30578         |               | 96   |
| Surgical Technology/General Management                  | DE.30550         |               | 96   |
| Electrical Utility                                      | AAS.15813        |               | 98   |
| Electrical Substation Worker                            |                  | CTA.35811 (A) | 98   |
| Electronic Media/Broadcasting (EMB)                     | AAA.15340        |               | 100  |
| Entrepreneurship  |                  | CBZ.35263 (Z) | 102  |
| Environmental Technology                                | AAS.15466        | CSA.35467 (A) | 103  |
| <b>Fire Science Technology :</b>                        |                  |               |      |
| Emergency Medical Services                              | AAS.25732        |               | 105  |
| Fire & Industrial Loss Prevention Officer               |                  | CTA.35732     | 105  |
| Fire Fighter Technician                                 | AAS.25736        |               | 105  |
| Fire Investigation/Prevention                           | AAS.25734        |               | 105  |
| Fire Science Technology                                 | AAS.25731        |               | 105  |
| Industrial/Commercial Security & Safety                 | AAS.25733        |               | 105  |
| Leadership & Training                                   | AAS.25735        |               | 105  |
| Global Peace Studies                                    | AA.40000         | CSZ.35400 (Z) | 109  |
| Group Fitness Instructor                                |                  | CSA.35740 (A) | 113  |
| Health Fitness Specialist                               | AAS.25710        |               | 114  |
| Industrial Technology Education                         | AAS.15710        |               | 116  |
| International Studies                                   |                  | CSA.35493 (A) | 118  |
| Journalism and Emerging Media                           | AA.40000         | CEA.35324 (A) | 121  |
| Lean Resource Management                                |                  | CTZ.35851 (Z) | 123  |
| Legal Support Professional                              | ABS.10282        |               | 124  |
| Law Office Foundation                                   |                  | CBA.35283 (A) | 124  |
| Law Office Specialist                                   |                  | CBA.35284 (A) | 124  |
| Liberal Arts  |                  | CSA.35390 (A) | 126  |
| <b>Management</b>                                       |                  |               |      |
| Cosmetology Management                                  | ABS.10251        |               | 127  |
| Entrepreneurship/Small Business Management              | ABS.10262        | CBA.35263 (A) | 127  |
| General Management                                      | ABS.10254        |               | 127  |
| Marketing Management                                    | ABS.10256        |               | 127  |
| Merchandising Management                                | ABS.10257        | CBA.35257 (A) | 127  |
| Office Services Management                              | ABS.10258        | CBA.35258 (A) | 127  |
| Retail Management                                       | ABS.10260        | CBA.35260 (A) | 127  |

| Program Title   | Associate Degree | Certificate                  | Page |
|---|------------------|------------------------------|------|
| Management/Subsequent Degrees:                              |                  |                              | 132  |
| Business Management   | ABS.10255        |                              | 132  |
| Northwood 3 + 1   | ABS.85005        |                              | 132  |
| Manufacturing & Industrial Technology                       | AAS.15851        |                              | 134  |
| Lean Manufacturing  |                  | CTZ.35852 (Z)                | 134  |
| MIT Supervisor  |                  | CTZ.35850 (Z)                | 134  |
| Massage Therapy   |                  | CHA.35589 (A), CHP.35588 (P) | 136  |
| Mechanical Engineering Technology                           | AAS.15822        |                              | 137  |
| Medical Office Professions                                  |                  |                              |      |
| Health Insurance Coding & Claims Specialist                 |                  | CBA.35286 (A)                | 139  |
| Medical Secretary   | ABS.10288        |                              | 139  |
| Medical Transcription Specialist                            |                  | CBA.35285 (A)                | 139  |
| Nursing (ADN)   | AAS.20564        |                              | 141  |
| Nursing Transition Track:                                   |                  |                              |      |
| Licensed Paramedic to RN                                    | AAS.20569        |                              | 144  |
| Licensed Practical Nurse to RN                              | AAS.20568        |                              | 144  |
| Office Professions:   |                  |                              |      |
| Administrative Assistant                                    | ABS.10296        |                              | 147  |
| Office Assistant  |                  | CBA.35291 (A)                | 147  |
| Office Specialist   |                  | CBA.35292 (A)                | 147  |
| Office Skills Core  |                  | CBZ.35293 (Z)                | 147  |
| Personal Trainer  |                  | CSA.35742 (A)                | 150  |
| Physical Therapist Assistant                                | AAS.20573        |                              | 152  |
| Practical Nurse (PN)  |                  | CHA.35563 (A)                | 155  |
| Pre-Apprentice Skilled Trades                               |                  |                              |      |
| Construction  |                  | CTZ.35896 (Z)                | 157  |
| Electrical  |                  | CTA.35894 (A)                | 157  |
| Agriculture Maintenance                                     |                  | CTA.35895 (A)                | 157  |
| Mechanical  |                  | CTA.35893 (A)                | 157  |
| Professional Studies in Office Administration               |                  | CBZ.35297 (Z)                | 159  |
| Quality Assurance   |                  | CTZ.35877 (Z)                | 161  |
| Quality Management  |                  | CTZ.35878 (Z)                | 162  |
| Radiography   | AAS.20545        |                              | 163  |
| Refrigeration, Heating, Air Conditioning Service Technology | AAS.15890        |                              | 166  |
| Air Conditioning  |                  | CTA.35891 (A)                | 166  |
| Commercial Refrigeration                                    |                  | CTA.35890 (A)                | 166  |
| Heating   |                  | CTA.35892 (A)                | 166  |
| Residential Construction                                    | AAS.15887        | CTA.35889 (A)                | 168  |
| Respiratory Care  | AAS.20579        |                              | 170  |
| Skilled Trades (Apprenticeship)                             | AAS.60891        |                              | 173  |
| Carpenter (Building Trades)                                 | AAS.60891        |                              | 173  |
| Electrician (Industrial)                                    | AAS.60891        |                              | 173  |
| Jobbing Molder  | AAS.60891        |                              | 173  |
| Machine Builder   | AAS.60891        |                              | 173  |
| Machine Repair  | AAS.60891        |                              | 173  |
| Millwright  | AAS.60891        |                              | 173  |
| Pattern Maker   | AAS.60891        |                              | 173  |
| Pipefitter (Industrial Maintenance)                         | AAS.60891        |                              | 173  |
| Plumber-Pipefitter  | AAS.60891        |                              | 173  |
| Stationary Boiler Engineering                               | AAS.60891        |                              | 173  |
| Tinsmith  | AAS.60891        |                              | 173  |
| Tool/Die Maker  | AAS.60891        |                              | 173  |
| Tool Hardener   | AAS.60891        |                              | 173  |
| Surgical Technology   | AAS.20549        | CHA.35547 (A)                | 180  |
| Water Environmental Technology                              | AAS.15827        | CTA.35827 (A)                | 182  |
| Welding Engineering Technology                              | AAS.60897        | CTA.35899 (A)                | 184  |
| Writing - General Writing                                   |                  | CEA.35319 (Z)                | 185  |
| Writing - Technical Writing                                 |                  | CEA.35320 (Z)                | 186  |
| Youth Services  |                  | CSA.35775 (A), CSZ.35775 (Z) | 187  |

# Validation Procedures



Some programs require completion of prerequisites and a validation process before registration in restricted enrollment programs. Currently these programs are:

## Health Programs

- Dental Hygiene
- Diagnostic Medical Sonography
- Nursing RN (Full-time and Part-time)
- Nursing Transition Track (Licensed Paramedic or Practical Nursing to RN)
- Physical Therapist Assistant
- Practical Nurse
- Radiography
- Respiratory Care
- Surgical Technology

## Application and Validation

1. Complete all prerequisite courses as specified in this catalog. All waivers and incomplete course work must be posted on your transcript prior to application for validation. Transcripts from transfer institutions must be received within two weeks after the semester ends.
2. Obtain the Validation Application form from the Registrar's Office, Counseling, or online at [www.delta.edu](http://www.delta.edu). Other documents may be required, such as observation forms.
3. Complete and submit the Validation Application to the Registrar's Office or online at [www.delta.edu](http://www.delta.edu) anytime during the semester in which you will complete your prerequisites.

**You may be validated and eligible for one program only.**

4. Registrar's Office personnel will process your completed Validation Application.
5. Validation Applications will be validated only by Registrar's Office staff and processed no later than 30 days after the application deadline.
  - a. Qualified students will be assigned a semester and year of validation which will be entered into the student's computer record (e.g., 11F or 12W or 12S).
  - b. Nonqualified students must submit another Validation Application after successfully completing all required prerequisites and other qualifications.
6. The semester and year of validation will be valid for three years if renewed each year with the Application for Continuation. This form will be mailed to the address on file with the Registrar's Office.

You need to attempt to gain entrance into a program within three years to be maintained on the validation list. If the wait to enter a program exceeds three years, you must gain entry within the earliest possible time frame by attempting to register for program entry. Notification will be sent indicating when you will be dropped from the validation list.

After your validation eligibility expires, a new Validation Application must be submitted prior to attempting to register for the clinical sequence. You must have successfully completed all prerequisites/

qualifications required at the time the new Application is submitted. Should you not register within the three-year period, it may be necessary to retake some prerequisite courses.

Delta College reserves the right to modify validation and registration procedures for programs based on demand for enrollment.

## Registration

1. A special registration will be held for validated students to enter the restricted enrollment courses of these programs. Check online at [www.delta.edu/regis](http://www.delta.edu/regis) for special registration dates, times, and offerings. Special registrations are usually held June for Fall semester, October for Winter semester, and March for Spring/Summer semester.
2. For the registration process, every student will waitlist themselves and at the end of the registration period the computer system will rank order students based on several criteria. A cumulative score will be obtained by ranking the semester of validation, grades earned in selected courses as required in your program, residency status, giving preference to in-district students, total credits taken at Delta College, and overall GPA earned at Delta College. If a tie exists, the higher overall GPA will break the tie. Students will be registered based on the computer ranking.

Individual faculty cannot add to published course capacity by accepting first-time enrolled students as overloads.

3. Each validation program semester and registration must be certified before being considered official.
4. Students not making payment by the due date (same as the first due date specified for all other students participating in registration) or voluntarily cancelling will be deleted from courses.
5. Open positions that result from the above deletions or cancellations will be filled by students on the registration waiting list.
6. Students will retain their validation through the first week of class and may not validate for another program during this time. After the first week of class, students who remain in the program, as well as students who drop, lose their validation and must resubmit a new Validation Application Form.

## Special Health Program Procedures

1. Repeat students will be admitted in compliance with program re-entry procedures as outlined in specific program handbooks.
2. After completion of the special registration, registered students may be required to attend clinical orientation sessions. Alternates may be invited to these sessions. Orientation information is listed online at [www.delta.edu](http://www.delta.edu).
8. You are responsible for completing all clinical courses and requirements in effect on the day the clinical sequence begins.



**On the Web:** [www.delta.edu](http://www.delta.edu).

# Academic Program Guides

## Academic Career Experience

### Options:

- Academic Career Experience Certificate: CBZ.35100



### Certificate of Achievement

Academic Career Experience (ACE), commonly known as “Cooperative (Co-op) Education,” is a structured educational strategy integrating classroom studies with learning through productive, paid work experiences in a field related to a student’s academic or career goals. It provides progressive experiences in integrating theory and practice. ACE is a collaboration among students, employers, and Delta College; and it provides academic credit for structured job experience.

A Certificate of Achievement in Academic Career Experience will be awarded at the completion of the Year I Experience (6 credits). An additional 4 credits can be earned if the Year II Experience is completed (10 credits total). Additional credit may also be earned through internships and/or special projects.

#### Year 1 Experience

| Course    | Credits | Course Title   | Notes | Completed |
|-----------|---------|--|-------|-----------|
| ACE 105W  | 3       | Year I Experience I - Business & Human Services <b>AND</b> |       | _____     |
| ACE 106W  | 3       | Year I Experience II - Business & Human Services           |       | _____     |
| <b>OR</b> |         |  |       |           |
| ACE 110W  | 3       | Year I Experience I - Communications & Sciences <b>AND</b> |       | _____     |
| ACE 111W  | 3       | Year I Experience II - Communications & Sciences           |       | _____     |
| <b>OR</b> |         |  |       |           |
| ACE 115W  | 3       | Year I Experience I - Health Science <b>AND</b>            |       | _____     |
| ACE 116W  | 3       | Year I Experience II - Health Science                      |       | _____     |
| <b>OR</b> |         |  |       |           |
| ACE 120W  | 3       | Year I Experience I - Technical & Industrial <b>AND</b>    |       | _____     |
| ACE 121W  | 3       | Year I Experience II - Technical & Industrial              |       | _____     |
| <b>6</b>  |         | <b>TOTAL FOR CERTIFICATE OF ACHIEVEMENT</b>                |       |           |

#### Year 2 Experience

| Course    | Credits | Course Title  | Notes | Completed |
|-----------|---------|---|-------|-----------|
| ACE 205W  | 2       | Year II Experience I - Business & Human Services <b>AND</b> |       | _____     |
| ACE 206W  | 2       | Year II Experience II - Business & Human Services           |       | _____     |
| <b>OR</b> |         |   |       |           |
| ACE 210W  | 2       | Year II Experience I - Communications & Sciences <b>AND</b> |       | _____     |
| ACE 211W  | 2       | Year II Experience II - Communications & Sciences           |       | _____     |
| <b>OR</b> |         |   |       |           |
| ACE 215W  | 2       | Year II Experience I - Health Science <b>AND</b>            |       | _____     |
| ACE 216W  | 2       | Year II Experience II - Health Science                      |       | _____     |
| <b>OR</b> |         |   |       |           |
| ACE 220W  | 2       | Year II Experience I - Technical & Industrial <b>AND</b>    |       | _____     |
| ACE 221W  | 2       | Year II Experience II - Technical & Industrial              |       | _____     |
| <b>4</b>  |         | <b>SUBTOTAL</b>   |       |           |

#### Optional Additional Credits

| Course   | Credits | Course Title   | Notes | Completed |
|----------|---------|--|-------|-----------|
| ACE 280W | 1       | Internship: Technology Management                                    |       | _____     |
| ACE 285W | 1       | Internship: Design Technology  |       | _____     |
| <b>2</b> |         | <b>SUBTOTAL</b>  |       |           |
| <b>6</b> |         | <b>MINIMUM TOTAL CREDITS REQUIRED FOR CERTIFICATE OF ACHIEVEMENT</b> |       |           |
| <b>4</b> |         | <b>OPTIONAL ADDITIONAL YEAR II EXPERIENCE CREDITS</b>                |       |           |

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**Notations:**

1. All classes must be completed with a grade of "B" or better.
2. To qualify for the program, all applicants must:
  - a. Have a minimum of one year of studies remaining at Delta college before graduating or transferring.
  - b. Be willing to make a minimum one-year commitment to an Academic Career Experience assignment.
  - c. Be a currently enrolled student at Delta College.
  - d. Submit a completed Student Application and Skills Inventory Questionnaire, which can be downloaded from our website @ [www.delta.edu/coop](http://www.delta.edu/coop).
  - e. Submit most recent transcript and current resume.
  - f. Attend a 45-minute orientation session.
  - g. Enroll in and complete the required ACE courses once hired into an Academic Career Experience position.
3. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
4. Delta College reserves the right to modify graduation requirements.

# Accounting

## Options:

- Accounting Associate Degree: ABS.10172
- Accounting Certificate: CBZ.35172
- Accounting Certificate: CBA.35172



## Certificate of Achievement/Advanced Certificate/Associate in Business Studies Degree

As a graduate of Delta's Accounting associate degree program, you will have the skills to be an accounting assistant. Complexity of the work will vary with the size and volume of the employee's activities and the firm's procedures. Most starting jobs will involve tasks such as keeping records of day-to-day business transactions, making entries in account ledgers, monitoring cash receipts and disbursements, processing appropriate budgetary costing procedures, and preparing materials needed for financial reports. As you gain experience, you may assume more accounting responsibilities which could involve analyzing financial reports and advising management.

### Certificate of Achievement

| Course   | Credits | Course Title  | Notes | Completed |
|----------|---------|---|-------|-----------|
| ACC 211  | 4       | Principles of Accounting I  | *>    | _____     |
| ACC 212  | 4       | Principles of Accounting II   | *>    | _____     |
| CST 133W | 4       | Computer Concepts & Competencies  | *>    | _____     |
| MGT 153W | 3       | Introduction to Business  | >     | _____     |
| ---      | 3/4     | Accounting Core Course (listed under Associate Degree Requirements below) | >2    | _____     |

**18/19 Total Credits Required for Certificate of Achievement**

### Advanced Certificate

| Course  | Credits | Course Title  | Notes | Completed |
|---------|---------|---|-------|-----------|
|         | 18/19   | Accounting Certificate of Achievement                                     |       | _____     |
| ACC 214 | 4       | Microcomputer Accounting Applications                                     | *>    | _____     |
| OAT 151 | 3       | Business Communication I  | *>    | _____     |
| ---     | 3/4     | Accounting Core Course (listed under Associate Degree Requirements below) | >2    | _____     |
| ---     | 10/11   | Additional credits required for Advanced Certificate                      |       | _____     |

**28/30 Total Credits Required for Advanced Certificate**

### Additional Requirements for Associate Degree

| Course | Credits | Course Title  | Notes | Completed |
|--------|---------|---|-------|-----------|
|        | 28/30   | Accounting Advanced Certificate                                       |       | _____     |
| ---    | 8/10    | Additional core credits (listed below) required for Associates Degree |       | _____     |

### Accounting Core Courses (All Core Courses must be completed to earn the Accounting ABS Degree.)

| Course   | Credits   | Course Title                        | Notes | Completed |
|----------|-----------|-------------------------------------|-------|-----------|
| ACC 215  | 3         | Federal Tax Accounting              | *     | _____     |
| ACC 227W | 4         | Intermediate Accounting I           | *     | _____     |
| ACC 228W | 4         | Intermediate Accounting II          | *     | _____     |
| ACC 233  | 3         | Cost Accounting                     | *     | _____     |
| ACC 285  | 2         | Accounting Research and Application | \$    | _____     |
|          | <b>38</b> | <b>SUBTOTAL</b>                     |       |           |

### General Education Courses

| Course   | Credits | Course Title                             | Notes | Completed |
|----------|---------|--|-------|-----------|
| ECN 221W | 4       | Principles of Economics I                |       | _____     |
| LW ---   | 1       | Any 1 Credit LW Course (As of fall 2007) |       | _____     |
|          |         | <b>AND</b>                               |       |           |
| LWA ---  | 1       | Any 1 Credit LWA Course                  |       | _____     |
|          |         | <b>OR</b>                                |       |           |

|                       |     |  |       |
|-----------------------|-----|--|-------|
| LW ---                | (2) | Any 2 Credit LW Course (As of fall 2007) | _____ |
| PHL 203W              | 3   | Business Ethics                          | _____ |
| <b>OR</b>             |     |  |       |
| PHL 210W              | (2) | Information Technology Ethics & Law      | _____ |
| POL ---               | 3/4 | Any Approved Government Requirement      | _____ |
| PSY 101W              | 3   | Applied Psychology                       | _____ |
| <b>OR</b>             |     |  |       |
| COM 112W              | (3) | Fundamentals of Oral Communication       | _____ |
| <b>OR</b>             |     |  |       |
| COM 114W              | (3) | Interpersonal Communication              | _____ |
| --- ---               | 5   | General Electives                        | _____ |
| <b>19/21 SUBTOTAL</b> |     |  |       |

**Other Business Requirements**

| Course   | Credits | Course Title               | Notes | Completed |
|--|---------|----------------------------|-------|-----------|
| MGT 251W   | 3       | Business Law I             |       | _____     |
| OAT 152  | 3       | Business Communication II  | *     | _____     |
| <b>OR</b>  |         |                            |       |           |
| ENG 111  | (3/5)   | Any College Composition I  | *     | _____     |
| <b>AND</b>   |         |                            |       |           |
| ENG 112  | (3/5)   | Any College Composition II | *     | _____     |
| ENG 113  | (3)     | Technical Communication    | *     | _____     |
| <b>6/13 SUBTOTAL</b>                                     |         |                            |       |           |
| <b>63/72 TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE</b> |         |                            |       |           |

**Notations:**

**\*A "C" (2.0) minimum grade is required in each asterisked course.**

**> A Certificate will be awarded when courses preceded by a greater than (">") sign are successfully completed.**

**\$ Key Course: Key courses must be completed within 5 years of completing certificate or degree. Failure to complete within the stated time frame will require you to repeat this course. See graduation requirements page.**

1. The above program is primarily intended to prepare you for a career upon graduation from Delta College. If you plan to transfer to a four-year college or university other than Northwood University, you should use a Business Administration program guide and consult a counselor.
2. A different accounting core course must be taken to complete each certificate.
3. Proficiency in keyboarding is expected in many classes. OAT 170 is available for those students who need to build keyboarding skills. Proficiency exams are available for OAT 170.
4. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
5. Delta College reserves the right to modify graduation requirements.
6. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Alternative Energy - Wind Turbine Technology



## Options:

- Alternative Energy - Wind Turbine Technology Associate Degree: AAS.15805

## Associate in Applied Science Degree

The Associate Degree Program in Alternative Energy/Wind Turbine Technology prepares you for employment as a wind turbine technician. Duties of a wind turbine technician include operating and maintaining giant wind turbine units, performing mechanical and electrical troubleshooting, as well as repair and preventative maintenance. This technician uses computers and has an understanding of hydraulics, electricity, algebra, and meteorology. Working about 250 feet above the ground requires this professional to set aside any fears of heights. Teamwork is key to success in this position where safety and a smooth-running work environment are critical.

### General Education Courses

| Course       | Credits | Course Title                                 | Notes | Completed |
|--------------|---------|--|-------|-----------|
| ENG ---      | 3/5     | Any Approved College Composition I Course    |       | _____     |
| ENG 113      | 3       | Technical Communication                      |       | _____     |
| LW ---       | 1       | Any 1 Credit LW Course (As of fall 2007)     |       | _____     |
| <b>AND</b>   |         |  |       |           |
| LWA ---      | 1       | Any 1 Credit LWA Course                      | 6     | _____     |
| <b>OR</b>    |         |  |       |           |
| LW ---       | (2)     | Any 2 Credit LW Course (As of fall 2007)     |       | _____     |
| LWT 165      | 1       | Community First Aid                          |       | _____     |
| MTH 119W     | 4       | Intermediate Algebra                         | *     | _____     |
| GEO 103W     | 4       | Introduction To Meteorology                  | *     | _____     |
| PHY ---      | 4/5     | Any College Level Physics                    | *, 1  | _____     |
| POL ---      | 3/4     | Any Approved American Government Requirement |       | _____     |
| <b>24/28</b> |         | <b>SUBTOTAL</b>                              |       |           |

### Basic Program Requirements

| Course    | Credits | Course Title   | Notes | Completed |
|-----------|---------|--|-------|-----------|
| CST 133W  | 4       | Computer Concepts & Competencies                     | *     | _____     |
| CST 161   | 3       | Networking Fundamentals                              | *     | _____     |
| ET 110W   | 3       | DC Electrical Fundamentals                           | *     | _____     |
| ET 120    | 3       | AC Electrical Fundamentals                           | *     | _____     |
| ET 122    | 4       | Programmable Logic Controllers                       | *     | _____     |
| ET 130    | 3       | Advanced Electrical Applications                     | *     | _____     |
| ET 140    | 3       | Fundamentals of Electrical Motors and Motor Controls | *     | _____     |
| MT 151    | 3       | Power Transmission                                   | *     | _____     |
| MT 161    | 2       | Industrial Rigging                                   | *     | _____     |
| MT 220    | 3       | Hydraulics & Pneumatics I                            | *     | _____     |
| <b>31</b> |         | <b>SUBTOTAL</b>                                      |       |           |

### Wind Turbine Technology Courses

| Course       | Credits | Course Title                                       | Notes      | Completed |
|--------------|---------|--|------------|-----------|
| WTT 100      | 3       | Introduction to Wind Energy                        | *          | _____     |
| WTT 110      | 2       | Climb Safety and Rescue Safety Training            | *, 2,3,4,5 | _____     |
| WTT 120      | 3       | Wind Turbine Mechanical Systems                    | *,2,3      | _____     |
| WTT 215      | 2       | Wind Turbine Blade Design                          | *3         | _____     |
| WTT 230      | 1       | Wind Turbine Schematics                            | *3         | _____     |
| WTT 240      | 3       | Power Generation, Transmission, and Distribution   | *3         | _____     |
| WTT 280      | 2       | Fundamentals of Data Acquisition                   | *3         | _____     |
| <b>16</b>    |         | <b>SUBTOTAL</b>                                    |            |           |
| <b>71/75</b> |         | <b>TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE</b> |            |           |

---

**Notations:**

**\* A "C" minimum grade is required in each asterisked course.**

1. Any College PHY or SKPH course (except PHY 213) meets the requirements for this degree.
2. You will be required to get permission before enrolling in the WTT 110 and WTT 120 courses. Students will be admitted into the WTT sequence courses in groups of 8 students. An application must be submitted to the Alternative Energy/Wind Turbine Technology Program Coordinator between midterm and the last day of the semester in which you will complete your prerequisites. Prerequisite courses are: ET 110W, ET 120, LWT 165, MT 151, MT 161, MT 220, MTH 119, and any approved PHY course, or transfer equivalents. Forms are available online or in the Counseling and the Registrar's Offices. Contact the Technical, Trades and Manufacturing Division at 989-686-9258 for more information.
3. Student is responsible for equipment, tools, and gear as required. Cost may exceed \$200.
4. Students will be responsible for completing a Student Physical Examination Form prior to the first day of WTT 110 class. The Examination Form can be obtained from Counseling or the WTT Program Coordinator.
5. Due to industry standards related to safety equipment, student weight must not exceed 250 lbs.
6. Recommended LWA classes include LWA 206B and LWA 206C.
7. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
8. Delta College reserves the right to modify graduation requirements.
9. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Architectural Technology



## Options:

- Architectural Technology Associate Degree: AAS.15872

## Associate in Applied Science Degree

As an Architectural Technician, you may assist licensed architects, construction engineers, urban planners and other design personnel in most phases of the development of building or site projects. This program has an emphasis on job entry skill development for employment in occupations such as: draftsman, for installation and shop drawings; building appraiser for financial institutions or real estate firms, estimator or supervisor for contractors; inspector for government agencies.

### General Education Courses

| Course       | Credits | Course Title                                       | Notes | Completed |
|--------------|---------|--|-------|-----------|
| ART 111      | 3       | Drawing I  |       | _____     |
| ART 251W     | 3       | Architectural History                              |       | _____     |
| ENG ---      | 3/5     | Any Approved College Composition I Course          |       | _____     |
| ENG ---      | 3/5     | Any Approved College Composition II Course         | 4     | _____     |
| <b>OR</b>    |         |  |       |           |
| ENG 113      | (3)     | Technical Communication                            | 4     | _____     |
| LW 220W      | 1       | Lifelong Wellness                                  |       | _____     |
| <b>AND</b>   |         |  |       |           |
| LWA ---      | 1       | Any 1 Credit LWA Course                            |       | _____     |
| <b>OR</b>    |         |  |       |           |
| LW ---       | (2)     | Any 2 Credit LW Course (As of fall 2007)           |       | _____     |
| MTH ---      | 3/4     | Any Approved Intermediate Algebra Course or Higher | 5     | _____     |
| POL ---      | 3/4     | Any Approved American Government Requirement       |       | _____     |
| --- ---      | 3/4     | Approved Electives (see list below)                |       | _____     |
| <b>23/30</b> |         | <b>SUBTOTAL</b>                                    |       |           |

### Basic Program Requirements

| Course    | Credits | Course Title                                    | Notes | Completed |
|-----------|---------|---|-------|-----------|
| RC 101    | 3       | Construction Print Interpretation               |       | _____     |
| ACE 285W  | 1       | Internship: Design Technology                   | 3*    | _____     |
| ARC 101   | 3       | Materials and Methods of Construction           |       | _____     |
| ARC 105   | 4       | Architectural Drafting I                        | 1     | _____     |
| ARC 106   | 4       | Architectural Drafting II                       | 1     | _____     |
| ARC 111   | 3       | Mechanical and Electrical Systems for Buildings |       | _____     |
| ARC 114   | 2       | Architectural AutoCAD 2D Basics                 |       | _____     |
| ARC 118   | 3       | AutoCAD Applications                            |       | _____     |
| ARC 204   | 3       | Estimating Building Construction                |       | _____     |
| ARC 205   | 3       | Architectural Drafting III                      | 1     | _____     |
| ARC 206   | 3       | Architectural Drafting IV                       | 1     | _____     |
| ARC 211   | 2       | Elements of Structural Design                   |       | _____     |
| ARC 214   | 3       | Architectural AutoCAD 3D Basics                 |       | _____     |
| ARC 221   | 3       | Site Preparation                                |       | _____     |
| TTI 110   | 2       | Sustainable Building Principles                 |       | _____     |
| <b>42</b> |         | <b>SUBTOTAL</b>                                 |       |           |

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## Approved Electives

| Course   | Credits | Course Title  | Notes | Completed |
|----------|---------|---|-------|-----------|
| ARC 314  | 3       | Architectural Rendering Basics                            |       | _____     |
| ART 100  | 3       | Elements of Color Photography                             |       | _____     |
| ART 101  | 3       | Photography I   |       | _____     |
| ART 102  | 3       | Photography II  |       | _____     |
| ART 112  | 3       | Drawing II  |       | _____     |
| ART 115  | 3       | Design I  |       | _____     |
| ART 116  | 3       | Design II   |       | _____     |
| ART 206  | 3       | Digital Photography                                       |       | _____     |
| CST ---  | 1/4     | Any Computer Science & Information Technology Course      |       | _____     |
| ENT 131W | 3       | Entrepreneurship/Small Business Management I              |       | _____     |
| MGT 145  | 3       | Principles of Sales                                       |       | _____     |
| MGT 153W | 3       | Introduction to Business                                  |       | _____     |
| MGT 251W | 3       | Business Law I <b>OR</b>                                  |       | _____     |
| ENT 221W | (3)     | Law for Entrepreneurs                                     |       | _____     |
| MTH ---  | 3/4     | Any Math Course (121 or higher)                           |       | _____     |
| RC ---   |         | Any Residential Construction Course that is not co-listed |       | _____     |

### 65/72 TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE

#### Notations:

**\* A "C" (2.0) minimum grade is required in each asterisked course.**

1. Courses ARC 105, 106, 205, 206 must be taken in sequential order. For information about day and/or evening availability of courses, contact a technical career counselor.
2. This program prepares you for a technical level career, but some courses are transferable to baccalaureate degree programs in Architecture. If you want to be an architect, you are advised to consult with a counselor about transfer requirements.
3. In a laddered program, ACE 285 is only required to be taken one time.
4. Students planning to transfer should take any approved College Composition II requirement.
5. Any MTH 119 or higher (except MTH 153) meets the Math requirement for this program.
6. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
7. Delta College reserves the right to modify graduation requirements.
8. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Art + Design

## Options:

- **Art + Design Associate Degree: AFA.40380**



## Associate in Fine Arts Degree

The Associate in Fine Arts Degree is offered as an Art Track and Design Track. Basic program requirements are the same for both tracks, therefore, you will select one or the other at the end of your first year. Both programs begin to prepare you for a creative career in any of the following areas: art education, art history, art theory and criticism, ceramics, design, digital imaging, drawing, graphics, painting, photography, printmaking, sculpture, or a wide variety of other visual art fields. You may choose to transfer to a four-year college or university to pursue advanced degrees in Art or Design such as a Bachelor of Arts (B.A.), Bachelor of Fine Arts (B.F.A.), Master of Fine Arts (M.F.A.), or a Ph.D. in Art History, Art Theory, or Art Criticism. Advanced degree programs are available throughout the country.

As an artist, you will generate your own ideas and realize your work in one or more media. You may participate in local, regional, national, and possibly international exhibits. Your work might be shown in galleries, museums, and/or on Internet galleries. You may generate income from private sales of your work and/or from public works projects in places such as airports, public museums, and county, state, or federal buildings.

As a designer, you will either be self-employed or design for a company in any of the following areas: advertising, graphic design, prints, commercial video, animation or movie production. You may design cars, displays, fashion, furniture, industrial products, textiles, web pages or any number of other commercial or Internet products.

Following this career pathway leading to K-12 or post-secondary teaching will require you to pursue an M.F.A. in art or Design, a Ph.D. in Art History, or a combined advanced degree. As an art critic, theorist or historian, you will research and write about art and events in the art world for newspapers, magazines, books, educational institutions, and other venues.

### Basic Program Requirements

| Course    | Credits | Course Title                    | Notes | Completed |
|-----------|---------|---------------------------------|-------|-----------|
| ART 111   | 3       | Drawing I                       | *     | _____     |
| ART 115   | 3       | Design I                        | *     | _____     |
| ART 116   | 3       | Design II                       | *     | _____     |
| ART 151W  | 3       | Art History and Appreciation I  | *     | _____     |
| ART 152W  | 3       | Art History and Appreciation II | *     | _____     |
| ART 271   | 3       | Digital Imaging I               | *     | _____     |
| <b>18</b> |         | <b>SUBTOTAL</b>                 |       |           |

Art Track or Design Track: Choose One

### Art Track

| Course       | Credits | Course Title                   | Notes | Completed |
|--------------|---------|--------------------------------|-------|-----------|
| ART 101      | 3       | Photography I                  | *     | _____     |
| ART 112      | 3       | Drawing II                     | *     | _____     |
| ART 217      | 3       | Painting I                     | *     | _____     |
| ART 222      | 3       | Sculpture <b>OR</b>            | *     | _____     |
| ART 231      | (3)     | Ceramics I                     | *     | _____     |
| ART 255W     | 3       | Contemporary Art History       | *     | _____     |
|              | 0/5     | Strongly Recommended Electives | *     | _____     |
| <b>15/20</b> |         | <b>SUBTOTAL</b>                |       |           |

### Design Track

| Course       | Credits | Course Title                                      | Notes | Completed |
|--------------|---------|---|-------|-----------|
| ART 267      | 3       | Producing A Student Publication (Capstone course) | *     | _____     |
| ART 276      | 3       | Electronic Page Design                            | *     | _____     |
| ART 277      | 3       | Illustration - Digital Media                      | *     | _____     |
| ART 279      | 3       | Web Page Design Arts                              | *     | _____     |
| ART 284      | 3       | Typography  | *     | _____     |
| ART 288      | 3       | Digital Imaging II                                | *     | _____     |
|              | 0/2     | Strongly Recommended Electives                    | *     | _____     |
| <b>18/20</b> |         | <b>SUBTOTAL</b>                                   |       |           |

**Strongly Recommended Electives: (choose 0/5 credits from the list below)**

| Course      | Credits | Course Title                             | Notes | Completed |
|-------------|---------|--|-------|-----------|
| ART 101     | 3       | Photography I                            | *     | _____     |
| ART 102     | 3       | Photography II                           | *     | _____     |
| ART 112     | 3       | Drawing II                               | *     | _____     |
| ART 206     | 3       | Digital Photography                      | *     | _____     |
| ART 210     | 3       | Figure Drawing                           | *     | _____     |
| ART 217     | 3       | Painting I                               | *     | _____     |
| ART 218     | 3       | Painting II                              | *     | _____     |
| ART 222     | 3       | Sculpture                                | *     | _____     |
| ART 231     | 3       | Ceramics I                               | *     | _____     |
| ART 232     | 3       | Ceramics II                              | *     | _____     |
| ART 253W    | 3       | History of Graphic Design                | *     | _____     |
| ART 255W    | 3       | Contemporary Art History                 | *     | _____     |
| ART 261     | 2       | Contemporary Art in Chicago <b>OR</b>    | *     | _____     |
| IHU 261     | (2)     | Contemporary Art in Chicago              | *     | _____     |
| ART 274     | 3       | Digital Painting                         | *     | _____     |
| ART 276     | 3       | Electronic Page Design                   | *     | _____     |
| ART 277     | 3       | Illustration - Digital Media             | *     | _____     |
| ART 279     | 3       | Web Page Design Arts                     | *     | _____     |
| ART 280     | 3       | Printmaking I, Past & Present            | *     | _____     |
| ART 284     | 3       | Typography                               | *     | _____     |
| ART 285     | 3       | Digital Animation and Interactive Design | *     | _____     |
| ART 288     | 3       | Digital Imaging II                       | *     | _____     |
| ART 289     | 3       | New Media                                | *     | _____     |
| ART 290-299 | 1-3     | Special Projects in Art                  | *     | _____     |
| <b>0/5</b>  |         | <b>SUBTOTAL</b>                          |       |           |

**General Education Courses**

| Course       | Credits | Course Title   | Notes | Completed |
|--------------|---------|--|-------|-----------|
| ENG ---      | 3/5     | Any Approved College Composition I Course                      |       | _____     |
| ENG ---      | 3/5     | Any Approved College Composition II Course                     |       | _____     |
|              | 1/3     | Humanities Elective other than ART                             |       | _____     |
|              | (3)     | Recommended for Design Track: PHL 205W                         |       | _____     |
| LW ---       | 1       | Any 1 Credit LW Course (As of fall 2007) <b>AND</b>            |       | _____     |
| LWA ---      | 1       | Any 1 Credit LWA Course  |       | _____     |
| <b>OR</b>    |         |  |       |           |
| LW ---       | (2)     | Any 2 Credit LW Course (As of fall 2007)                       |       | _____     |
| POL ---      | 3/4     | Any Approved American Government Requirement                   |       | _____     |
|              | (4)     | Recommended: POL 104W  |       | _____     |
|              | 4/5     | Social Science Electives                                       | 1     | _____     |
|              |         | Recommended: ECN 221W, GEO 113W, HIS 111W, HIS 112W, PSY 211W, |       | _____     |
|              | (4)     | SOC 230W, or SSI 234W  |       | _____     |
|              | 8       | Natural Science Electives                                      | 1     | _____     |
| <b>24/32</b> |         | <b>SUBTOTAL</b>  |       |           |
| <b>62/70</b> |         | <b>TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE</b>             |       |           |

**Notations:**

\* A "C" minimum grade is required in each asterisked course.

1. See the "Group Requirements" of the Graduation Requirements in Section IV for approved courses. You may qualify for MACRAO. Apply online or at the Registrar's Office.

- 
2. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
  3. Delta College reserves the right to modify graduation requirements.
  4. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Automotive Service Educational Program (GM ASEP)



## Options:

- Automotive Service Educational Program (GM ASEP) Associate Degree: AAS.60842

## Associate in Applied Science Degree

The GM Automotive Service Educational Program (ASEP) is an associate degree automotive program designed to upgrade your technical competence and professional level to an incoming dealership technician. At Delta College, the program requires 111 weeks of training to complete. Approximately 60 of those weeks are spent on the Delta College campus. The remainder of the time spent in this two-year period is in a General Motors dealership or an AC Delco Total Service Support (TSS) repair facility. Each specialized subject is dealt with in the classroom and laboratory on campus and is immediately followed by related work experience in the dealership/TSS. This rotation system continues until the program is completed. This is a suggested enrollment sequence for full time students. It is suggested that part time students see an advisor for scheduling assistance.

NOTE: There is a special application for this program and each student is required to be sponsored by a General Motors dealership or an AC Delco repair facility. For more information, please contact ASEP Coordinator: (989) 686-9594  
The automotive courses must be taken in the the semesters specified.

### First Semester (Fall)

| Course    | Credits         | Course Title                   | Notes | Completed |
|-----------|-----------------|--------------------------------|-------|-----------|
| AGM 110   | 4               | Automotive Electronics Service |       | _____     |
| AGM 112   | 6               | Engine Service                 |       | _____     |
| AGM 114   | 5               | Brakes, ABS, TCS Service       |       | _____     |
| AGM 134   | 2               | Dealership Work Experience I   | 1     | _____     |
| COM 114W  | 3               | Interpersonal Communication    |       | _____     |
| <b>20</b> | <b>SUBTOTAL</b> |                                |       |           |

### Second Semester (SP/Summer)

| Course    | Credits         | Course Title  | Notes | Completed |
|-----------|-----------------|---|-------|-----------|
| AGM 212   | 7               | Suspension System Service                             |       | _____     |
| AGM 143   | 2               | Dealership Work Experience II                         | 1     | _____     |
| AGM 226   | 7               | Advance Engine Electronics & Fuel System Service (GM) |       | _____     |
| AGM 228W  | 7               | Electronic Engine Performance & Emission Control      |       | _____     |
| LW ---    | 1               | Any 1 Credit LW Course (As of fall 2007)              |       | _____     |
| <b>24</b> | <b>SUBTOTAL</b> |   |       |           |

### Third Semester (Winter)

| Course       | Credits         | Course Title                              | Notes | Completed |
|--------------|-----------------|---|-------|-----------|
| AGM 216      | 6               | Driveline Service                         |       | _____     |
| AGM 218W     | 8               | Automatic Electronic Transmission Service |       | _____     |
| AGM 234      | 2               | Dealership Work Experience III            | 1     | _____     |
| ENG ---      | 3/5             | Any Approved College Composition I Course |       | _____     |
| <b>19/21</b> | <b>SUBTOTAL</b> |   |       |           |

### Fourth Semester (Fall)

| Course       | Credits  | Course Title                                 | Notes | Completed |
|--------------|--|--|-------|-----------|
| AGM 210      | 3  | Body Electronics Service                     |       | _____     |
| AGM 214      | 5  | Heating/Air Conditioning                     |       | _____     |
| WELD 101     | 1  | Exploratory Oxy-Fuel Welding and Cutting     |       | _____     |
| ENG ---      | 3/5  | Any Approved College Composition II Course   |       | _____     |
| <b>OR</b>    |  |  |       |           |
| ENG 113      | (3)  | Technical Communication                      |       | _____     |
| LWA ---      | 1  | Any 1 Credit LWA Course                      |       | _____     |
| POL ---      | 3/4  | Any Approved American Government Requirement |       | _____     |
| <b>16/19</b> | <b>SUBTOTAL</b>                                    |  |       |           |
| <b>79/84</b> | <b>TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE</b> |  |       |           |

## Notations:

- These courses are taught at a dealership/AC Delco TSS Center and begin late in the semester indicated and are completed in the following semester.

- 
2. Since half of the program is spent at the dealership/TSS, you are required to have a sponsoring General Motors dealer or an AC Delco TSS Center. The main responsibility of the dealership/TSS is to provide employment during all of the work experience periods.
  3. All tuition, fees, housing (if needed), textbook costs, and tools are your responsibility.
  4. For more information call ASEP Coordinator (989) 686-9594, Fax (989) 667-2207.
  5. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
  6. Delta College reserves the right to modify graduation requirements.
  7. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Automotive Service Technology

## Options:

- **Automotive Service Technology Associate Degree: AAS.15844**
- **Automotive Service Technology Certificate: CTA.35845**



## Associate in Applied Science Degree/Advanced Certificate

In addition to being trained to enter the automotive field as a technician or service writer, you will have a broader based education by completing the associate degree. You may also choose to continue your education by seeking a baccalaureate degree. Both certificate and associate degree are available.

### Automotive Service Courses Introductory Automotive

| Course   | Credits  | Course Title                       | Notes | Completed |
|----------|----------|------------------------------------|-------|-----------|
| AUT 100  | 3        | Introduction to Automotive Service | *     | _____     |
| AUT 108  | 3        | Automotive Electronics             | *     | _____     |
| <b>6</b> | <b>6</b> | <b>SUBTOTAL</b>                    |       |           |

### 1st Semester (Fall)

| Course    | Credits   | Course Title                   | Notes     | Completed |
|-----------|-----------|--------------------------------|-----------|-----------|
| AUT 110   | 4         | Automotive Electronics Service | *1, 3     | _____     |
| AUT 112W  | 6         | Engine Service                 | *\$, 1, 3 | _____     |
| AUT 114   | 5         | Brake System Service           | *1, 3     | _____     |
| <b>15</b> | <b>15</b> | <b>1ST SEMESTER TOTAL</b>      |           |           |

### 2nd Semester (Winter)

| Course    | Credits   | Course Title                     | Notes | Completed |
|-----------|-----------|----------------------------------|-------|-----------|
| AUT 210   | 3         | Body Electronics Service         | *1, 3 | _____     |
| AUT 212W  | 7         | Suspension System Service        | *1, 3 | _____     |
| AUT 214   | 5         | Heating/Air Conditioning Service | *1, 3 | _____     |
| <b>15</b> | <b>15</b> | <b>2ND SEMESTER TOTAL</b>        |       |           |

### 3rd Semester (Fall)

| Course    | Credits   | Course Title                              | Notes | Completed |
|-----------|-----------|---|-------|-----------|
| AUT 216   | 6         | Driveline Service                         | 3     | _____     |
| AUT 218W  | 8         | Automatic Electronic Transmission Service | \$, 3 | _____     |
| <b>14</b> | <b>14</b> | <b>3RD SEMESTER TOTAL</b>                 |       |           |

### 4th Semester (Winter)

| Course    | Credits   | Course Title                                     | Notes | Completed |
|-----------|-----------|--|-------|-----------|
| AUT 226   | 7         | Advance Engine Electronics & Fuel System Service | \$, 3 | _____     |
| AUT 228W  | 7         | Electronic Engine Performance & Emission Control | \$, 3 | _____     |
| <b>14</b> | <b>14</b> | <b>4TH SEMESTER TOTAL</b>                        |       |           |

### General Education Courses

| Course   | Credits | Course Title                              | Notes | Completed |
|----------|---------|---|-------|-----------|
| ENG ---  | 3/5     | Any Approved College Composition I Course |       | _____     |
| ENG 113  | 3       | Technical Communication                   |       | _____     |
| ENV 130W | 1       | Pollution Prevention                      |       | _____     |
| MGT 110  | 3       | Business Mathematics                      |       | _____     |
| LW ---   | 1       | Any Lifelong Wellness Course              |       | _____     |
|          |         | <b>AND</b>                                |       |           |
| LWA ---  | 1       | Any 1 Credit LWA Course                   |       | _____     |
|          |         | <b>OR</b>                                 |       |           |

|                       |     |  |       |
|-----------------------|-----|--|-------|
| LW ---                | (2) | Any 2 Credit LW Course (As of fall 2007)     | _____ |
| POL ---               | 3/4 | Any Approved American Government Requirement | _____ |
| PSY 101W              | 3   | Applied Psychology                           | _____ |
| <b>OR</b>             |     |  |       |
| COM 112W              | (3) | Fundamentals of Oral Communication           | _____ |
| <b>18/21 SUBTOTAL</b> |     |  |       |

**Elective--not required for degree**

| Course            | Credits | Course Title                           | Notes | Completed |
|-------------------|---------|--|-------|-----------|
| AUT 239           | 1       | Automotive Service Information Systems |       | _____     |
| AUT 252           | 5       | Automotive Performance Fundamentals    |       | _____     |
| <b>6 SUBTOTAL</b> |         |  |       |           |

**Certificate Requirements**

| Course   | Credits | Course Title                        | Notes | Completed |
|--|---------|-------------------------------------|-------|-----------|
| AUT 100  | 3       | Introduction to Automotive Service  | *     | _____     |
| AUT 108  | 3       | Introductory Automotive Electronics | *     | _____     |
| AUT---   | 58      | Semesters 1, 2, 3, and 4            | 3     | _____     |
| AUT 261  | 1       | Auto Service Skills Internship I    |       | _____     |
| ENV 130W   | 1       | Pollution Prevention                |       | _____     |
| <b>66 MINIMUM CREDITS REQUIRED FOR CERTIFICATE</b> |         |                                     |       |           |

**Associate Degree Requirements**

| Course  | Credits | Course Title                                     | Notes | Completed |
|---|---------|--|-------|-----------|
| AUT 100   | 3       | Introduction to Automotive Service               | *     | _____     |
| AUT 108   | 3       | Introductory Automotive Electronics              | *     | _____     |
| AUT---  | 58      | Semesters 1, 2, 3, and 4                         | 3     | _____     |
| AUT 112W  | (6)     | Engine Service                                   | \$    | _____     |
| AUT 218W  | (8)     | Automatic Electronic Transmission Service        | \$    | _____     |
| AUT 226   | (7)     | Advance Engine Electronics & Fuel System Service | \$    | _____     |
| AUT 228W  | (7)     | Electronic Engine Performance & Emission Control | \$    | _____     |
| AUT 261   | 1       | Auto Service Skills Internship I <b>AND</b>      | 2     | _____     |
| AUT 262   | 1       | Auto Service Skills Internship II                | 2     | _____     |
|   |         | 18/21 General Education Courses                  |       | _____     |
| <b>84/87 MINIMUM CREDITS REQUIRED FOR ASSOCIATES DEGREE</b> |         |  |       |           |

**Notations:**

\* A "C" (2.0) minimum grade is required in each asterisked course.

**\$ Key Course:** Key courses must be completed within 5 years of completing certificate or degree. Failure to complete within the stated time frame will require you to repeat this course. Incoming transfer credit is not available for these courses. See graduation requirements.

- Semester 1 & 2 courses must be completed before taking Semester 3 or 4.
- The selection of an Automotive Service Skills Internship (AUT 261, 262) is done after consulting with the automotive faculty. The student will be responsible for obtaining the place of employment for the internships which must be acceptable by Delta College. Two internships are required for an associates degree. One internship is required for a certificate.
- The Associate Degree requires completion of four semesters (8 ASE areas) plus two internships and the general education courses. The Certificate requires the completion of four semesters plus one internship and ENV-130W.
- File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
- Delta College reserves the right to modify graduation requirements.
- If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Aviation Flight Technology

## Options:

- Aviation Flight Technology Associate Degree: AAS.25795



## Associate in Applied Science Degree

You will obtain the knowledge, skill and a portion of the aeronautical experience\* necessary to meet the requirements for a Commercial Pilot Certificate (airplane category) and an Instrument Rating. You will be prepared to transfer to a baccalaureate institution with degree programs for professional pilots.

You must arrange and pay for additional aeronautical experience (flight hours) to meet Federal Aviation Regulations, Part 61, requirements for Commercial Pilot.

### General Education Courses

| Course       | Credits | Course Title   | Notes | Completed |
|--------------|---------|--|-------|-----------|
| COM 114W     | 3       | Interpersonal Communication                                      |       | _____     |
| CST 133W     | 4       | Computer Concepts & Competencies                                 |       | _____     |
| ENG ---      | 3/5     | Any Approved College Composition I Course                        |       | _____     |
| ENG ---      | 3/5     | Any Approved College Composition II Course                       |       | _____     |
| <b>OR</b>    |         |  |       |           |
| ENG 113      | (3)     | Technical Communication  |       | _____     |
| GEO 111      | 4       | Physical Geography   |       | _____     |
| MTH ---      | 4       | Any Approved Intermediate Algebra Course (or higher Math course) |       | _____     |
| LW ---       | 1       | Any 1 Credit LW Course   |       | _____     |
| <b>AND</b>   |         |  |       |           |
| LWA ---      | 1       | Any 1 Credit LWA Course  |       | _____     |
| <b>OR</b>    |         |  |       |           |
| LW ---       | (2)     | Any 2 Credit LW Course   |       | _____     |
| POL ---      | 3/4     | Any Approved American Government Requirement                     |       | _____     |
| PSY 211W     | 4       | General Psychology   |       | _____     |
|              | 5       | Humanities Electives   | #     | _____     |
| <b>35/40</b> |         | <b>SUBTOTAL</b>  |       |           |

### Basic Program Requirements

| Course    | Credits | Course Title                       | Notes | Completed |
|-----------|---------|------------------------------------|-------|-----------|
| AFT 101   | 4       | Private Pilot Ground Training      | ^*    | _____     |
| AFT 105   | 2       | Primary Pilot Flight Training I    | ^*    | _____     |
| AFT 106   | 3       | Primary Pilot Flight Training II   | ^*    | _____     |
| AFT 201W  | 4       | Instrument Pilot Ground Training   | ^*    | _____     |
| AFT 202   | 2       | Aviation Meteorology               | *     | _____     |
| AFT 210   | 4       | Commercial Pilot Ground Training   | ^*    | _____     |
| AFT 215   | 2       | Advanced Pilot Flight Training I   | ^*    | _____     |
| AFT 216   | 3       | Advanced Pilot Flight Training II  | ^*    | _____     |
| AFT 217   | 2       | Advanced Pilot Flight Training III | ^*    | _____     |
| AFT 218   | 3       | Advanced Pilot Flight Training IV  | ^*    | _____     |
| GEO 103W  | 4       | Introduction to Meteorology        | *     | _____     |
| <b>33</b> |         | <b>SUBTOTAL</b>                    |       |           |

### Recommended Electives

| Course    | Credits | Course Title                                    | Notes | Completed |
|-----------|---------|---|-------|-----------|
| CHM 101W  | 5       | General Chemistry I                             |       | _____     |
| MTH 160   | 4       | Calculus for the Social and Managerial Sciences |       | _____     |
| PHY 101   | 4       | Applied Physics                                 |       | _____     |
| PHY 111   | 4       | General Physics I                               |       | _____     |
| <b>17</b> |         | <b>SUBTOTAL</b>                                 |       |           |

**68/73 TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE**

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**Notations:**

**# Check transfer school requirements in the selection of the five hours Humanities Requirements.**

**\* A “C” (2.0) minimum grade is required in each asterisked course.**

**^ Courses preceded by a (^) sign indicate that students may apply for credit in AFT 101, AFT 105, and AFT 106 if they present a valid Private Pilot’s License, Driver’s License, and Medical Certificate to the appropriate Division Chair. Credit for AFT 201, AFT 215, and AFT 216 may be granted for a valid Instrumentation Rating. Credit in AFT 210, AFT 217, and AFT 218 may be granted for a valid Commercial Pilot Certificate.**

1. File an application for an associate or dual degree and/or certificate with the Registrar’s Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
2. Delta College reserves the right to modify graduation requirements.
3. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Chemical Process Technology

## Options:

- **Chemical Process Technology Associate Degree: AAS.15829**
- **Chemical Process Technology Certificate: CSA.35835**



## Associate in Applied Science Degree/ Advanced Certificate

The Associate Degree Program in Chemical Process Technology prepares the student for employment as a process operator in the chemical/material processing industry. The operator role includes but is not limited to the following functions: knowledge and upholding of the standards regarding health, safety and the environment; working with the handling, transporting, storage and disposal of chemicals and other materials in compliance with all state and federal regulations; the operation, monitoring, and controlling of process both continuous and batch; interfacing with chemical engineers and technician co-workers involved with these processes; and managing normal maintenance of equipment, calibration of instrumentation, and troubleshooting as needed.

To earn an advanced certificate, students must meet one of the following criteria: the student has already earned a technical associate, bachelor or greater degree; military experience; over 8000 hours industrial experience; or a journeyman's card.

### General Education Courses

| Course     | Credits | Course Title   | Notes | Completed |
|------------|---------|--|-------|-----------|
| CHM 105W   | 5       | Technical Chemistry I  | *3    | _____     |
| CHM 106W   | 5       | Technical Chemistry II   | *3    | _____     |
| COM 112W   | 3       | Fundamentals of Oral Communication                               |       | _____     |
| <b>OR</b>  |         |  |       |           |
| COM 114W   | (3)     | Interpersonal Communication                                      |       | _____     |
| ENG ---    | 3/5     | Any Approved College Composition I Course                        |       | _____     |
| <b>AND</b> |         |  |       |           |
| ENG ---    | 3/5     | Any Approved College Composition II Course <b>OR</b>             |       | _____     |
| ENG 113    | (3)     | Technical Communication  |       | _____     |
| ENV 100W   | 3       | Environmental Regulations  |       | _____     |
| ENV 152    | 1.6     | Emergency Response To Industrial Spills                          |       | _____     |
| LW ---     | 1       | Any 1 Credit LW Course (As of fall 2007)                         |       | _____     |
| <b>AND</b> |         |  |       |           |
| LWA ---    | 1       | Any 1 Credit LWA Course  |       | _____     |
| <b>OR</b>  |         |  |       |           |
| LW ---     | (2)     | Any 2 Credit LW Course (As of fall 2007)                         |       | _____     |
| MTH ---    | 4       | Any Approved Intermediate Algebra Course (or higher Math course) | *2    | _____     |
| MTH 208W   | 3       | Elementary Statistics  |       | _____     |
| PHY 101    | 4       | Applied Physics <b>OR</b>  | *2,4  | _____     |
| PHY 111    | (4)     | General Physics I <b>OR</b>                                      |       | _____     |
| PHY 211    | (5)     | Physics I  |       | _____     |
| POL ---    | 3/4     | Any Approved American Government Requirement                     |       | _____     |

**39.6/45.6 SUBTOTAL**

### AAS Degree Program Requirements

| Course    | Credits | Course Title                       | Notes | Completed |
|-----------|---------|------------------------------------|-------|-----------|
| CPI 120   | 2       | Introduction To Process Operations | *     | _____     |
| CPI 210   | 4       | Basic Chemical And Unit Operations | *     | _____     |
| CPI 220   | 3       | Process Measurement                | *     | _____     |
| CPI 230   | 3       | Process Control                    | *     | _____     |
| CPI 240W  | 3       | Process Troubleshooting            | *     | _____     |
| CPI 250W  | 4       | Advanced Chemical Operations       | *     | _____     |
| CPI 260W  | 4       | Process Operations Management      | *     | _____     |
| CPI 270   | 2       | Advanced Process Operations Lab    | *     | _____     |
| <b>25</b> |         | <b>SUBTOTAL</b>                    |       |           |

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**Recommended Elective**

| Course   | Credits         | Course Title                                | Notes | Completed |
|----------|-----------------|---|-------|-----------|
| CST 133W | 4               | Computer Concepts & Competencies            | 1     | _____     |
| CPI 110  | 2               | Introduction To Chemical Process Industries |       | _____     |
| <b>6</b> | <b>SUBTOTAL</b> |   |       |           |

**Required for Certificate Option (See note #8)**

| Course    | Credits                                       | Course Title  | Notes | Completed |
|-----------|---|---|-------|-----------|
| CPI 115   | 2   | Chemical Plant Science Fundamentals                         | *>,6  | _____     |
| CPI 120   | 2   | Introduction To Process Operations                          | *>    | _____     |
| CPI 210   | 4   | Basic Chemical and Unit Operations                          | *>    | _____     |
| CPI 220   | 3   | Process Measurement   | *>    | _____     |
| CPI 230   | 3   | Process Control   | *>    | _____     |
| CPI 240W  | 3   | Process Troubleshooting                                     | *>    | _____     |
| CPI 245   | 3   | Environmental Health, & Safety in Chemical Process Industry | *>,6  | _____     |
| CPI 250W  | 4   | Advanced Chemical Operations                                | *>    | _____     |
| CPI 260W  | 4   | Process Operations Management                               | *>    | _____     |
| CPI 270   | 2   | Advanced Process Operations Lab                             | *>    | _____     |
| <b>30</b> | <b>SUBTOTAL</b>                               |   |       |           |
| <b>30</b> | <b>TOTAL CREDITS REQUIRED FOR CERTIFICATE</b> |   |       |           |

**64.6/70.6 TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE**

**Notations:**

\* A "C" (2.0) or better minimum grade required in each asterisked course.

>**CERTIFICATE OPTION: A certificate will be awarded when you successfully complete courses preceded by a greater than sign ">" (30 credits)**

1. If your computer experience is limited, CST 133 is suggested.
2. This requirement may also be met with an acceptable score on current college assessment instruments. Contact Assessment/Testing office at 989-686-9338 for more details. Credits to meet graduation requirements may then be met by completing additional electives.
3. Transfer students may be advised to complete CHM 111, CHM 112, CHM 210, and CHM 210L instead of CHM 105 and CHM 106.
4. Transfer students may be advised to complete either PHY 111 or PHY 211 instead of PHY 101.
5. To earn an advanced certificate, students must meet one of the following criteria: the student has already earned a technical associate, bachelor or greater degree; military experience; over 8000 hours industrial experience; or a journeyman's card.
6. This course requires instructor permission to register.
7. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
8. Delta College reserves the right to modify graduation requirements.
9. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Chemical Technology

## Options:

- **Chemical Technology Associate Degree: AAS.15464**
- **Laboratory Science Certificate: CTA.35464**
- **Pre-Medical Laboratory Science Certificate: CHA.35564**



## Associate in Applied Science Degree/ Advanced Certificate

A degree in Chemical Technology may transfer or could lead to a position with area employers as a Technologist. As a Chemical Technologist, you will operate many kinds of laboratory instruments, be involved with data collection and analysis, and do technical report writing and research projects. This Associate in Applied Science program includes core courses that allow flexibility in choosing a technical focus. Degrees in Water/Wastewater Treatment Technology, Chemistry, Biology, Physics, Clinical Laboratory Science, or Engineering may also be pursued using most of the credits from this program.

**PRE-MEDICAL LABORATORY SCIENCE ADVANCED CERTIFICATE:** Medical laboratory scientists work in clinical settings to perform a variety of routine and specialized laboratory tests. Health care providers use these test results as part of their diagnostic and therapeutic plans. This Advanced Certificate is designed to expand student opportunities in laboratory science; expanding their repertoire of skills and techniques, for transfer and enrollment into a professional program in medical laboratory sciences at regional 4-year institutions.

**LABORATORY SCIENCE ADVANCED CERTIFICATE:** Laboratory work is a very interdisciplinary activity that requires a broad spectrum of technical and practical skills. This advanced certificate is designed to assist you in obtaining a broad set of science skills and techniques necessary to work in a laboratory.

### Core Program Requirements

| Course                | Credits | Course Title                                   | Notes | Completed |
|-----------------------|---------|--|-------|-----------|
| CT 100                | 2       | Introduction To Chemical Technology            | 1     | _____     |
| CHM 111               | 5       | General and Inorganic Chemistry I              | >, >> | _____     |
| CHM 112               | 5       | General and Inorganic Chemistry II             | >, >> | _____     |
| CHM 210               | 4       | Organic Chemistry I                            | >>    | _____     |
| CHM 210LW             | 1       | Organic Chemistry I Laboratory                 | >     | _____     |
| CHM 220               | 4       | Organic Chemistry II                           |       | _____     |
| CHM 220LW             | 1       | Organic Chemistry II Laboratory                | >     | _____     |
| CHM 230               | 4       | Chemical Analysis/Instrumentation              | >     | _____     |
| CHM 231               | 1       | Troubleshooting For Analytical Instrumentation |       | _____     |
| SCI 250               | 2/6     | Research Project In Science                    | >2    | _____     |
| <b>29/33 SUBTOTAL</b> |         |  |       |           |

### General Education Courses

| Course     | Credits | Course Title                                | Notes | Completed |
|------------|---------|---|-------|-----------|
| COM 112W   | 3       | Fundamentals of Oral Communication          |       | _____     |
| <b>OR</b>  |         |   |       |           |
| COM 114W   | (3)     | Interpersonal Communication                 |       | _____     |
| CST 133W   | 4       | Computer Concepts & Competencies            |       | _____     |
| <b>OR</b>  |         |   |       |           |
| CST 134    | (3)     | Micro Computers in Business Using MS Office |       | _____     |
| ENG ---    | 3/5     | Any Approved College Composition I Course   |       | _____     |
| ENG ---    | 3/5     | Any Approved College Composition II Course  |       | _____     |
| <b>OR</b>  |         |   |       |           |
| ENG 113    | (3)     | Technical Communication                     |       | _____     |
| MTH 208W   | 3       | Elementary Statistics                       |       | _____     |
| LW ---     | 1       | Any 1 Credit LW Course (As of fall 2007)    |       | _____     |
| <b>AND</b> |         |   |       |           |
| LWA ---    | 1       | Any 1 Credit LWA Course                     |       | _____     |
| <b>OR</b>  |         |   |       |           |
| LW ---     | (2)     | Any 2 Credit LW Course (As of fall 2007)    |       | _____     |
| PHY 101    | 4       | Applied Physics                             | 3,7   | _____     |
| <b>OR</b>  |         |   |       |           |

|              |     |  |          |       |
|--------------|-----|--|----------|-------|
| PHY 111      | (4) | General Physics I                            | >>, 3    | _____ |
|              |     | <b>OR</b>                                    |          |       |
| PHY 211      | (5) | Physics I                                    | >>, 3    | _____ |
| PHY 112      | 4   | General Physics II                           |          | _____ |
|              |     | <b>OR</b>                                    |          |       |
| PHY 212      | (5) | Physics II                                   |          | _____ |
|              |     | <b>OR</b>                                    |          |       |
| BIO 110W     | (4) | Environmental Science                        |          | _____ |
|              |     | <b>OR</b>                                    |          |       |
| BIO 111W     | (4) | Principles of Biology                        |          | _____ |
|              |     | <b>OR</b>                                    |          |       |
| BIO 171      | (4) | Integrated General Biology I                 | >, >>, 8 | _____ |
|              |     | <b>OR</b>                                    |          |       |
| BIO 199      | (4) | Human Heredity And Sexuality                 |          | _____ |
|              |     | <b>OR</b>                                    |          |       |
| BIO 203W     | (4) | General Microbiology                         | >, >>, 8 | _____ |
| POL ---      | 3/4 | Any Approved American Government Requirement |          | _____ |
| --- ---      | 5   | Humanities Elective                          | 4        | _____ |
| --- ---      | 4/5 | Social Science Elective                      | 5        | _____ |
| <b>37/46</b> |     | <b>SUBTOTAL</b>                              |          |       |

**Pre-Medical Laboratory Science Advanced Certificate**

| Course   | Credits | Course Title                  | Notes | Completed |
|----------|---------|-------------------------------|-------|-----------|
|          |         | <b>AND</b>                    |       |           |
| BIO 240  | 4       | Human Anatomy                 | >>    | _____     |
|          |         | <b>AND</b>                    |       |           |
| BIO 152W | (4)     | Human Anatomy & Physiology I  | >>    | _____     |
|          |         | <b>OR</b>                     |       |           |
| BIO 241  | 4       | Physiology                    | >>    | _____     |
| BIO 153W | (4)     | Human Anatomy & Physiology II | >>    | _____     |
| <b>8</b> |         | <b>SUBTOTAL</b>               |       |           |

**Recommended Electives**

| Course  | Credits | Course Title                                  | Notes | Completed |
|---------|---------|---|-------|-----------|
| CHM 221 | 3       | Organic Biochemistry                          |       | _____     |
| MTH 121 | 3       | Plane Trigonometry                            |       | _____     |
| MTH 151 | 4       | Pre-Calculus Mathematics                      |       | _____     |
| MTH 161 | 4       | Analytic Geometry and Calculus I (and higher) |       | _____     |
| WET 110 | 3       | Water Treatment Technologies                  |       | _____     |
| WET 112 | 3       | Wastewater Treatment Technology               |       | _____     |
| BIO 274 | 2       | Introduction to Biotechnology                 |       | _____     |

- 24/26 TOTAL CREDITS REQUIRED FOR LABORATORY SCIENCE ADVANCED CERTIFICATE**
- 34/35 TOTAL CREDITS REQUIRED FOR PRE-MEDICAL LABORATORY SCIENCE ADVANCED CERTIFICATE**
- 66/79 TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE**

**Notations:**

- > A Certificate in Laboratory Science may be applied for when courses preceded by a greater than (“>”) sign are successfully completed.**
- >> A Certificate in Pre-Medical Laboratory Science may be applied for when courses preceded by a double greater than (“>>”) sign are successfully completed.**
  1. It is highly recommended that students take CT 100 early in their coursework.
  2. A minimum of two credits is required for SCI 250. However, in consultation with faculty, a research project for up to 6 credits may be chosen. To earn the Advanced Certificate in Laboratory Science a minimum of 4 credits must be satisfactorily completed.
  3. May transfer as Physics or Science credit only, depending on the institution.
  4. Courses must be completed in at least two different subject areas. Consult this catalog for a list of approved Humanities courses.
  5. You may be eligible for the MACRAO certificate. Consult the current catalog for MACRAO requirements.
  6. To have the MACRAO stamp placed on your transcript, fill out a MACRAO Request Form at the Records Office with the Graduation Request.

- 
7. PHY 101 is not recommended for students who wish to take PHY 112 or PHY 212. Students wishing to take PHY 112 should enroll in PHY 111. Students wishing to take PHY 212 should enroll in PHY 211.
  8. Satisfactory completion of both BIO 171 and BIO 203 will meet the Biology requirements for the Advanced Certificate.
  9. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
  10. Delta College reserves the right to modify graduation requirements.
  11. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Child Development



## Options:

- **Child Development Certificate: CSA.35763**
- **Child Development Associate Degree: AAA.25762**
- **Child Development - Educational Paraprofessional Certificate: CSZ.35763**

## Associate in Applied Arts Degree/Advanced Certificate/Certificate of Achievement

Child development teachers work in a variety of settings providing care and guidance of young children. This includes concern for the mental, social, physical, and emotional growth and development of the child. As a child development teacher, you should be able to work under supervision and work cooperatively with other personnel. Each employee should gain the respect, confidence, and cooperation of children, maintain discipline, and enforce as well as deal with emergency situations calmly. Physically, you must maintain good health and be able to stoop, kneel, crouch, and crawl. Good vision and hearing are necessary as well as being able to lift up to 40 pounds. Applicants for child development positions are required to pass a tuberculin test and physical bi-annually, and may have to undergo tests or immunization for other communicable diseases. A DHS clearance for child abuse/neglect is required.

The Child Development Advanced Certificate prepares students for positions as assistant teachers or teachers in early childhood education and care programs. Students learn to plan and implement high quality, developmentally appropriate programs for all ages of children, infants through school-age, in both centers and family child care homes.

The Educational Paraprofessional Certificate of Achievement is designed to assist students in obtaining the skills necessary to work as paraprofessionals in pre-K and early elementary classrooms. This certificate stresses the importance of understanding child and family diversity, special needs populations, and developmentally appropriate discipline. By completing the certificate, a student can supplement the Advanced Certificate or Associate in Applied Arts degree or use it to directly gain employment.

As a supplement to the supportive skills learned from courses completed in the Educational Paraprofessional Certificate of Achievement or Child Development Advanced Certificate programs, the Associate in Applied Arts degree program will also stress leadership skills that are needed in a director position. In addition to the employment opportunities offered by the certificate program, graduates of this degree program will also be qualified to apply for positions as lead teachers and center directors as well as apply for a license for their own child care business.

The curriculum for each program is aligned with the standards issued by the National Association for the Education of Young Children.

### General Education Courses

| Course       | Credits | Course Title                                       | Notes | Completed |
|--------------|---------|--|-------|-----------|
| ENG ---      | 3/5     | Any Approved College Composition I Course          |       | _____     |
| ENG ---      | 3/5     | Any Approved College Composition II Course         |       | _____     |
| LW ---       | 1       | Any 1 Credit LW Course (As of fall 2007)           |       | _____     |
| <b>AND</b>   |         |  |       |           |
| LWA ---      | 1       | Any 1 Credit LWA Course                            |       | _____     |
| <b>OR</b>    |         |  |       |           |
| LW ---       | (2)     | Any 2 Credit LW Course (As of fall 2007)           |       | _____     |
| POL ---      | 3/4     | Any Approved American Government Requirement       |       | _____     |
| --- ---      | 8       | Humanities Electives                               | 1     | _____     |
| --- ---      | 8       | Natural Science Electives including one lab course | 2     | _____     |
| <b>27/32</b> |         | <b>SUBTOTAL</b>                                    |       |           |

## Basic Program Requirements

| Course    | Credits         | Course Title  | Notes     | Completed |
|-----------|-----------------|---|-----------|-----------|
| CD 110W   | 4               | Infant/Toddler Development                          | >*\$3,4,5 | _____     |
| CD 111W   | 3               | Introduction to Early Childhood Education           | >*\$3     | _____     |
| CD 112W   | 3               | Learning Center Activities                          | >*        | _____     |
| CD 113W   | 4               | Child Guidance Strategies                           | >*\$4,5   | _____     |
| CD 115PW  | 3               | Introductory Community Practicum                    | >*\$3,4,5 | _____     |
| CD 116W   | 3               | Diversity and Families in Early Childhood Education | >*        | _____     |
| CD 117W   | 6               | Student Teaching Practicum                          | >*4,5     | _____     |
| CD 210W   | 3               | Child Care Program Management                       | *6,7      | _____     |
| ED 201W   | 3               | Education of the Exceptional Child                  | >*        | _____     |
| LWT 165   | 1               | Community First Aid                                 | >*7       | _____     |
| PSY 211W  | 4               | General Psychology                                  | >*        | _____     |
| PSY 223W  | 3               | Child Psychology                                    | >*        | _____     |
| <b>40</b> | <b>SUBTOTAL</b> |   |           |           |

## Educational Paraprofessional Certificate of Achievement

| Course       | Credits   | Course Title  | Notes | Completed |
|--------------|---|---|-------|-----------|
| CD 109W      | 2   | Introduction to the Educational Paraprofessional    | >>*   | _____     |
| CD 113W      | 4   | Child Guidance Strategies                           | >>*\$ | _____     |
| CD 116W      | 3   | Diversity and Families in Early Childhood Education | >>*   | _____     |
| ED 201W      | 3   | Education of the Exceptional Child                  | >>*   | _____     |
| <b>12</b>    | <b>SUBTOTAL</b>   |   |       |           |
| <b>12</b>    | <b>TOTAL CREDITS REQUIRED FOR EDUCATIONAL PARAPROFESSIONAL CERT. OF ACHIEVEMENT</b> |   |       |           |
| <b>37</b>    | <b>TOTAL CREDITS REQUIRED FOR CHILD DEVELOPMENT ADVANCED CERTIFICATE</b>            |   |       |           |
| <b>67/72</b> | <b>TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE</b>                                  |   |       |           |

### Notations:

\* A "C" (2.0) minimum grade is required in each asterisked (\*) course.

\$ **Key Course:** Key courses must be completed within 5 years of completing certificate or degree. Failure to complete within the stated time frame will require you to repeat this course. See graduation requirements page.

> **Child Development Advanced Certificate Option:** An advanced certificate will be awarded to you when you successfully complete courses preceded by the ">" sign.

>> **Educational Paraprofessional Certificate of Achievement:** A certificate of achievement will be awarded to you when you successfully complete courses preceded by the ">>" sign.

- Requires courses in two different subject areas. Suggested Humanities Electives: COM 114, Interpersonal Communications and one chosen from LIT 251, Children's Literature or LIT 253, Books for Pre-School Children.
- Natural science credit in two different areas (including MTH 118 or higher except MTH 153) would be particularly useful for transferring to a 4-year school and is required in the fulfillment of the MACRAO agreement. Check with your transfer institution for optimum choices.
- CD 111W and CD 115PW may be articulated if the student has earned a CDA credential (Center-based Preschool and Family Child Care CDAs), an elementary education degree or a high school career-technical certificate. CD 110W and CD 111W may be articulated if the student has earned a Center-based Infant Toddler CDA credential. Articulated credits will not count towards DHS requirements for a director using a CDA certificate. The 18 required credits for a child care director must be regular classes with a grade for credit.
- CD 110W, CD 113W, CD 115PW, and CD 117W students only: A Child Development information session is held in November, April and August. You must attend one of these sessions. Be sure you notify the Counseling Office to state your major as CD.
- All CD 110W, 113W 115PW, and CD 117W students must complete the following and submit the appropriate documentation to the program coordinator: 1) TB Skin Test. You must submit evidence of freedom from communicable tuberculosis; 2) Acknowledgment and Release Form. You will be required to sign a document asking whether you have ever been convicted of an offense other than a minor traffic violation, and whether you have ever been involved in substantiated abuse or neglect of children. (DHS child abuse/neglect clearance check); 3) Student Data Sheet; 4) Employment and Volunteer Contract.  
Note: CD 110W and CD 113W each require 30 hours of volunteer work at a licensed childcare program. CD 115PW requires 90 hours and CD 117W requires 150 hours of teaching in a licensed program other than your current employment site. CD 115PW and CD 117W must be unpaid and outside of your work schedule. More information will be given at the information sessions.
- CD 210W, Child Development Program Management must be taken after all other Child Development courses have been completed.
- Current First Aid and CPR certification is required to enroll in CD 210W.
- File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
- Delta College reserves the right to modify graduation requirements.
- If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Communication

## Options:

- **Communication - Interpersonal Certificate: CSZ.35325**
- **Communication - Presentational Certificate: CSZ.35326**



## Certificate of Achievement

The Communication Certificate will offer students the opportunity to develop their communication skills. The certificate offers two tracks; one that focuses on more interpersonal communication skills and one that emphasizes presentational and organizational skills. This certificate is an opportunity for professional development in key workplace communication skills for students of any age and level of experience.

Track 1: Interpersonal Skills

### Basic Program Requirements

| Course   | Credits | Course Title                | Notes | Completed |
|----------|---------|-----------------------------|-------|-----------|
| COM 114W | 3       | Interpersonal Communication | *     | _____     |
| COM 214W | 3       | Small Group Communication   | *     | _____     |
| COM 224W | 3       | Nonverbal Communication     | *     | _____     |
| <b>9</b> |         | <b>SUBTOTAL</b>             |       |           |

### Elective Options (must select one)

| Course   | Credits | Course Title                    | Notes | Completed |
|----------|---------|---------------------------------|-------|-----------|
| COM 202W | 3       | Oral Communication for Managers | *     | _____     |
| COM 212W | 3       | Listening                       | *     | _____     |
| COM 222  | 3       | Introduction to Acting          | *     | _____     |
| COM 235W | 3       | Principles of Persuasion        | *     | _____     |
| COM 244W | 3       | Family Communication            | *     | _____     |
| COM 245W | 3       | Intercultural Communication     | *     | _____     |
| <b>3</b> |         | <b>SUBTOTAL</b>                 |       |           |

Track 2: Presentational Skills

### Basic Program Requirements

| Course   | Credits | Course Title                       | Notes | Completed |
|----------|---------|------------------------------------|-------|-----------|
| COM 112W | 3       | Fundamentals of Oral Communication | *     | _____     |
| COM 202W | 3       | Oral Communication for Managers    | *     | _____     |
| COM 236W | 3       | Advanced Oral Communication        | *     | _____     |
| <b>9</b> |         | <b>SUBTOTAL</b>                    |       |           |

### Elective Options (must select one)

| Course   | Credits | Course Title                | Notes | Completed |
|----------|---------|-----------------------------|-------|-----------|
| COM 212W | 3       | Listening                   | *     | _____     |
| COM 214W | 3       | Small Group Communication   | *     | _____     |
| COM 222  | 3       | Introduction to Acting      | *     | _____     |
| COM 224W | 3       | Nonverbal Communication     | *     | _____     |
| COM 235W | 3       | Principles of Persuasion    | *     | _____     |
| COM 244W | 3       | Family Communication        | *     | _____     |
| COM 245W | 3       | Intercultural Communication | *     | _____     |
| <b>3</b> |         | <b>SUBTOTAL</b>             |       |           |

**12 TOTAL TRACK 1: INTERPERSONAL SKILLS**

**12 TOTAL TRACK 2: PRESENTATIONAL SKILLS**

## Notations:

\* A "C" minimum grade is required in each asterisked course.

1. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
2. Delta College reserves the right to modify graduation requirements.

# Computer Aided Drafting

## Options:

- **Computer Aided Drafting Certificate: CTA.35865**



## Advanced Certificate

As a computer drafter, you will make detailed manual or computer drawings of products and machinery from sketches and specifications conceived by engineers and designers. The finished drawings are used as working plans for engineering and manufacturing purposes. Depending on experience and level of responsibility, duties may vary from preparing basic drawings to modifying the finished design using computer aided design equipment.

In order to enter this area of work, you should be able to: work within precise limits or standards of accuracy, concentrate for long periods of time, visualize 3-dimensional objects from drawings or pictures, see detail in objects or drawings, and recognize slight differences in shapes and shadings. Computer skills are a requirement.

## Required Courses

| Course    | Credits | Course Title                             | Notes | Completed |
|-----------|---------|--|-------|-----------|
| ACE 285W  | 1       | Internship: Design Technology            | *     | _____     |
| CAD 114   | 2       | Introduction to CAD                      | *\$   | _____     |
| CAD 120   | 3       | Introduction to CAM                      | *\$   | _____     |
| CAD 214   | 3       | CAD Techniques                           | *\$   | _____     |
| CAD 226   | 3       | 3D Parametric Solid Modeling             | *\$   | _____     |
| CNC 162   | 4       | Computer Numerical Control Theory        | *     | _____     |
| DRF 104   | 4       | Basic Mechanical Design                  | *     | _____     |
| <b>OR</b> |         |  |       |           |
| DRF 105   | (3)     | Beginning Mechanical Drafting            | *     | _____     |
| DRF 107   | 3       | Intermediate Mechanical Design           | *     | _____     |
| DRF 128   | 2       | Geometric Tolerancing                    | *     | _____     |
| MIT 111W  | 3       | Manufacturing Processes                  | *     | _____     |
| MS 113    | 2       | Machining Processes                      | *     | _____     |
| MTH ---   | 4       | Any Approved Intermediate Algebra Course | *     | _____     |
| <b>OR</b> |         |  |       |           |
| MT 110    | (4)     | Machine Tool Calculations                | *     | _____     |

**33/34 TOTAL CREDITS REQUIRED FOR CERTIFICATE**

## Notations:

\* A "C" minimum grade is required in each asterisked course.

\$ **Key Course:** Key courses must be completed within 5 years of completing certificate or degree. Failure to complete within the stated time frame will require you to repeat this course. See graduation requirements page.

1. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
2. Delta College reserves the right to modify graduation requirements.

# Computer Numerical Control



## Options:

- **Computer Numerical Control Certificate: CTA.35864**

## Advanced Certificate

As a CNC Machine Tool Programmer/Operator, you will use computer driven machine tools such as lathes, mills, lasers, water jet, wire and/or sinker electrical discharge machines, tube benders, punches, brakes, and grinders to shape materials to precise dimensions. Although some programmer/operators can work with a wide variety of CNC machine tools, most specialize in one or two types. Specific duties may include: studying blueprints or sketches; building tooling, jigs, or fixtures; programming and editing; machine work pieces; inspecting and certifying product for dimensional accuracy; and light duty repair and maintenance of the CNC machine. Many of the CNC courses listed below require prior basic machine tool work experience and/or high school or skill center classes in basic machine tools.

### Program Requirements

| Course    | Credits | Course Title   | Notes | Completed |
|-----------|---------|--|-------|-----------|
| MS 181W   | 4       | Machine Tools I <b>OR</b>                            |       | _____     |
| SKTR 181  | (4)     | Machine Tools I                                      |       | _____     |
| MS 120    | 3       | Machinery's Handbook <b>OR</b>                       |       | _____     |
| SKTR 183  | (3)     | Machinery's Handbook                                 |       | _____     |
| MT 110    | 4       | Machine Tool Calculations <b>OR</b>                  |       | _____     |
| SKMA 103  | (4)     | Applied Geometry and Trigonometry                    |       | _____     |
| DRF 128   | 2       | Geometric Tolerancing <b>OR</b>                      |       | _____     |
| SKDR 128  | (2)     | Geometric Tolerancing                                |       | _____     |
| DRF 104   | 4       | Basic Mechanical Design <b>OR</b>                    |       | _____     |
| DRF 105   | (3)     | Beginning Mechanical Design <b>OR</b>                |       | _____     |
| DRF 121   | (3)     | Blueprint Reading <b>OR</b>                          |       | _____     |
| SKDR 101  | (4)     | Sketching and Blueprint Reading                      |       | _____     |
| CNC 162   | 4       | Computer Numerical Control Theory <b>OR</b>          |       | _____     |
| SKCN 162  | (4)     | Computer Numerical Control Theory                    |       | _____     |
| CAD 120   | 3       | Introduction to CAM <b>OR</b>                        | \$    | _____     |
| SKCA 120  | (3)     | Introduction to CAM                                  | \$    | _____     |
| MS 182    | 4       | Machine Tools II <b>OR</b>                           |       | _____     |
| SKTR 182  | (4)     | Machine Tools II                                     |       | _____     |
| CNC 216   | 4       | CNC with Machining Applications <b>OR</b>            |       | _____     |
| SKCN 216  | (4)     | CNC with Machining Applications                      |       | _____     |
| CNC 225   | 4       | Mastercam <b>OR</b>                                  | \$    | _____     |
| SKCN 225  | (4)     | Mastercam  | \$    | _____     |
| CNC 285W  | 4       | Computer Numerical Control Capstone Course <b>OR</b> |       | _____     |
| SKCN 285W | (4)     | Computer Numerical Control Capstone Course           |       | _____     |

### Continuing Education Elective

| Course | Credits      | Course Title                                  | Notes | Completed |
|--------|--------------|---|-------|-----------|
| MS 230 | 4            | Machine Tools III                             |       | _____     |
|        | <b>4</b>     | <b>SUBTOTAL</b>                               |       |           |
|        | <b>39/40</b> | <b>TOTAL CREDITS REQUIRED FOR CERTIFICATE</b> |       |           |

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**Notations:**

**\$ Key Course:** Key courses must be completed within 5 years of completing certificate or degree. Failure to complete within the stated time frame will require you to repeat this course. See graduation requirements page.

1. A "C" minimum grade is required in each course for the certificate.
2. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
3. Delta College reserves the right to modify graduation requirements.

# Computer Science And Information Technology - BIT

## Options:

- **Computer Science And Information Technology - BIT Associate Degree: ABS.10130**



## Associate in Business Studies Degree

A degree in Business and Information Technology includes both business skills and computer skills to prepare you for work in a high-tech business world.

All courses needed to complete the Associate in Business Studies degree in Computer Science and Information Technology-Business and Information Technology can be completed online except for where indicated.

### Requirements for Business and Information Technology Degree

| Course   | Credits   | Course Title                                  | Notes | Completed |
|----------|-----------|---|-------|-----------|
| ACC 211  | 4         | Principles of Accounting I                    | *     | _____     |
| CST 103  | 1         | Windows Foundations                           | *\$   | _____     |
| CST 104  | 1         | Microsoft Word Foundations                    | *     | _____     |
| CST 110  | 1         | Web Page Development Using HTML               | *     | _____     |
| CST 115W | 3         | e-Commerce Concepts                           | *     | _____     |
| CST 123  | 1         | Windows Operating System                      | *\$   | _____     |
| CST 133W | 4         | Computer Concepts & Competencies              | *\$   | _____     |
| CST 134  | 3         | Micro Computers in Business Using MS Office   | *\$   | _____     |
| CST 135  | 1         | Help Desk Fundamentals                        | *     | _____     |
| CST 147  | 2         | Presentation Graphics Using PowerPoint        | *\$   | _____     |
| CST 155  | 3         | Microsoft EXCEL                               | *\$   | _____     |
| CST 171  | 2         | Visual BASIC Programming I                    | *\$   | _____     |
| CST 204  | 2         | Microsoft Word: Intermediate                  | *\$   | _____     |
| CST 235  | 3         | Systems Analysis and Design                   | *\$   | _____     |
| CST 257  | 3         | Database MS Access                            | *\$   | _____     |
| ENT 131W | 3         | Entrepreneurship/Small Business Management I  |       | _____     |
| MGT 110  | 3         | Business Mathematics                          | *     | _____     |
| MGT 153W | 3         | Introduction to Business                      | *     | _____     |
| MGT 256  | 3         | Human Resources Management I                  |       | _____     |
|          | 7         | SELECT ELECTIVES FROM BELOW:                  |       | _____     |
| ACC 212  | (4)       | Principles of Accounting II                   |       | _____     |
| ACE ---  | (1-4)     | Academic Career Experience                    | 2     | _____     |
| CST 105  | (1)       | Outlook                                       | 2     | _____     |
|          | (1-6)     | CST Elective                                  |       | _____     |
| ENT 132W | (3)       | Entrepreneurship/Small Business Management II |       | _____     |
| MGT 143  | (3)       | Principles of Advertising                     |       | _____     |
| MGT 245  | (3)       | Principles of Management                      |       | _____     |
|          | <b>53</b> | <b>SUBTOTAL</b>                               |       |           |

### General Education Courses

| Course  | Credits | Course Title                             | Notes | Completed |
|---------|---------|--|-------|-----------|
| LW ---  | 1       | Any 1 Credit LW Course (As of fall 2007) |       | _____     |
|         |         | <b>AND</b>                               |       |           |
| LWA --- | 1       | Any 1 Credit LWA Course                  | 3     | _____     |
|         |         | <b>OR</b>                                |       |           |
| LW ---  | (2)     | Any 2 Credit LW Course (As of fall 2007) | 2     | _____     |
| OAT 151 | 3       | Business Communication I <b>AND</b>      |       | _____     |
| OAT 152 | 3       | Business Communication II                | 2     | _____     |
|         |         | <b>OR</b>                                |       |           |

|  |       |  |       |
|--|-------|--|-------|
| ENG 111  | (3/5) | Any College Composition I <b>AND</b>         | _____ |
| ENG 112  | (3/5) | Any College Composition II <b>OR</b>         | _____ |
| ENG 113  | (3)   | Technical Communication                      | _____ |
| POL ---  | 3/4   | Any Approved American Government Requirement | _____ |
| PHL 203W   | 3     | Business Ethics                              | _____ |
| <b>14/19 SUBTOTAL</b>                                    |       |  |       |
| <b>67/72 Total Credits Required for Associate Degree</b> |       |  |       |

**Notations:**

**\$ This key course must be successfully completed within 5 years of graduation.**

**\* A "C" minimum grade is required in each asterisked course.**

1. Proficiency in keyboarding is expected in all CST classes. OAT 170 is available for those students who need to build keyboarding skills.
2. This course is not currently available as an online course.
3. Contact the Health & Wellness Division for information on completing the LWA credit through Individual Instruction to complete the BIT degree option online.
4. The above curricula are intended to prepare you for a career upon graduation from Delta College. If you are planning to transfer to a Baccalaureate degree program you should consult with a counselor before enrolling in computer, business, or general education courses so that specific transfer college requirements can be completed.
5. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
6. Delta College reserves the right to modify graduation requirements.
7. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Computer Science And Information Technology - CA

## Options:

- Computer Science And Information Technology - CA Associate Degree: ABS.10131
- Computer Science And Information Technology - CA Certificate: CBA.35131



## Associate in Business Studies Degree/Advanced Certificate

A specialist in Computer Applications has proficiency in a broad set of computer applications including word processing, spreadsheets, communications (Internet), database, and graphics.

All courses for the Associate in Business Studies Computer Science and Information Technology-Computer Applications can be completed online except where indicated.

### Requirements for Computer Applications Certificate/ABS Degree

| Course    | Credits | Course Title                                     | Notes | Completed |
|-----------|---------|--|-------|-----------|
| CST 103   | 1       | Windows Foundations                              | >*\$  | _____     |
| CST 104   | 1       | Microsoft Word Foundations                       | >*    | _____     |
| CST 106   | 1       | Internet Foundations                             | >*    | _____     |
| CST 110   | 1       | Web Page Development Using HTML                  | >*    | _____     |
| CST 120   | 1       | PC Operating System Command Line Interface (DOS) | >*    | _____     |
| CST 123   | 1       | Windows Operating System                         | >*\$  | _____     |
| CST 133W  | 4       | Computer Concepts & Competencies                 | >*\$  | _____     |
| CST 135   | 1       | Help Desk Fundamentals                           | >*    | _____     |
| CST 147   | 2       | Presentation Graphics Using PowerPoint           | >*\$  | _____     |
| CST 155   | 3       | Microsoft EXCEL                                  | >*\$  | _____     |
| CST 170   | 1       | Principles of Computer Programming I             | >*2   | _____     |
| CST 171   | 2       | Visual BASIC Programming I                       | >*    | _____     |
| CST 204   | 2       | Microsoft Word: Intermediate                     | >*\$  | _____     |
| CST 257   | 3       | Database MS Access                               | >*\$  | _____     |
| MGT 110   | 3       | Business Mathematics                             | >*    | _____     |
| MGT 153W  | 3       | Introduction to Business                         | >*    | _____     |
| <b>30</b> |         | <b>TOTAL FOR ADVANCED CERTIFICATE</b>            |       |           |

### Additional Business Core Requirements for Degree

| Course    | Credits | Course Title                       | Notes | Completed |
|-----------|---------|------------------------------------|-------|-----------|
| ACC 111   | 4       | Introductory Accounting <b>OR</b>  | *2    | _____     |
| ACC 211   | (4)     | Principles of Accounting I         | *     | _____     |
| CST 161   | 3       | Networking Fundamentals            | *     | _____     |
| CST 216   | 3       | Web Site Management                | +*\$  | _____     |
| CST 273   | 2       | MS Applications Using Visual BASIC | *2    | _____     |
| <b>12</b> |         | <b>SUBTOTAL</b>                    |       |           |

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**Approved Electives - Choose 9 credits from the list below**

| Course   | Credits         | Course Title                                  | Notes | Completed |
|----------|-----------------|---|-------|-----------|
| ACC 212  | 4               | Principles of Accounting II                   |       | _____     |
| ACE ---  | 1-4             | Academic Career Experience                    | 2     | _____     |
| ART 171  | 2               | Digital Media for the Web                     | *2    | _____     |
| CST 105  | 1               | Outlook                                       | 2     | _____     |
| CST 115W | 3               | e-Commerce Concepts                           | *     | _____     |
| CST 146  | 2               | Desktop Publishing                            | *2    | _____     |
| CST 210  | 2               | Advanced Web Page Development                 | *     | _____     |
| ENT 131W | 3               | Entrepreneurship/Small Business Management I  |       | _____     |
| ENT 132W | 3               | Entrepreneurship/Small Business Management II |       | _____     |
| MGT 143  | 3               | Principles of Advertising                     |       | _____     |
| <b>9</b> | <b>SUBTOTAL</b> |   |       |           |

**General Education Courses:**

| Course       | Credits  | Course Title                                 | Notes | Completed |
|--------------|--|--|-------|-----------|
| COM 112W     | 3  | Fundamentals of Oral Communication           | 2     | _____     |
|              |  | <b>OR</b>                                    |       |           |
| COM 114W     | (3)  | Interpersonal Communication                  |       | _____     |
| LW ---       | 1  | Any 1 Credit LW Course (As of fall 2007)     |       | _____     |
|              |  | <b>AND</b>                                   |       |           |
| LWA ---      | 1  | Any 1 Credit LWA Course                      | 3     | _____     |
|              |  | <b>OR</b>                                    |       |           |
| LW ---       | (2)  | Any 2 Credit LW Course (As of fall 2007)     | 2     | _____     |
| OAT 151      | 3  | Business Communication I <b>AND</b>          |       | _____     |
| OAT 152      | 3  | Business Communication II                    | 2     | _____     |
|              |  | <b>OR</b>                                    |       |           |
| ENG 111      | (3/5)  | College Composition I <b>AND</b>             |       | _____     |
| ENG 112      | (3/5)  | College Composition II <b>OR</b>             |       | _____     |
| ENG 113      | (3)  | Technical Communication                      |       | _____     |
| POL ---      | 3/4  | Any Approved American Government Requirement |       | _____     |
| PHL 210W     | 2  | Information Technology Ethics & Law          | 2     | _____     |
| <b>16/21</b> | <b>SUBTOTAL</b>                                    |  |       |           |
| <b>67/72</b> | <b>Total Credits Required for Associate Degree</b> |  |       |           |

**Notations:**

**\$ This key course must be successfully completed within 5 years of graduation.**

**> This course is required for the corresponding academic certificate.**

**\* A "C" minimum grade is required in each asterisked course.**

**+ This course requires a prerequisite of ART 171.**

1. Proficiency in keyboarding is expected in all CST classes. OAT 170 is available for those students who need to build keyboarding skills.
2. This course is not currently available as an online course and cannot be used to complete the Associate in Business Studies Computer Science and Information Technology - Computer Applications degree online.
3. Contact the Health & Wellness Division for information on completing the LWA credit through Individual Instruction to complete the CA degree option online.
4. The above curricula are intended to prepare you for a career upon graduation from Delta College. If you are planning to transfer to a Baccalaureate degree program you should consult with a counselor before enrolling in computer, business, or general education courses so that specific transfer college requirements can be completed.
5. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
6. Delta College reserves the right to modify graduation requirements.
7. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Computer Science And Information Technology - IST



## Options:

- **IST/Criminal Technology Associate Degree: AAS.17165**
- **IST/Criminal Technology Certificate: CTP.35165**
- **IST/Financial Security Certificate: CTP.35170**
- **IST/Financial Security Associate Degree: AAS.17170**
- **IST/Information Assurance Associate Degree: AAS.17172**

## Associate in Applied Science Degree/Post Associate Certificate

The following three tracks are designed to prepare you for challenging positions in the rapidly growing field of Information Security and Technology. Track 1: Criminal Technology covers the legal side of securing information as well as the technological side, by combining Criminal Justice classes with CST networking classes.

Track 2: Financial Security provides the skills and knowledge to assess, protect, and recover financial information in financial systems.

Track 3: Information Assurance provides the skills and knowledge to protect, and if necessary, recover information from an information system.

### General Education Requirements

| Course       | Credits         | Course Title  | Notes | Completed |
|--------------|-----------------|---|-------|-----------|
| COM 112W     | 3               | Fundamentals of Oral Communication                  |       | _____     |
| <b>OR</b>    |                 |   |       |           |
| COM 114W     | (3)             | Interpersonal Communication                         |       | _____     |
| LW ---       | 1               | Any 1 Credit LW Course (As of fall 2007)            |       | _____     |
| <b>AND</b>   |                 |   |       |           |
| LWA ---      | 1               | Any 1 Credit LWA Course                             |       | _____     |
| <b>OR</b>    |                 |   |       |           |
| LW ---       | (2)             | Any 2 Credit LW Course (As of fall 2007)            |       | _____     |
| MTH---       | 3/4             | Any Approved Intermediated Algebra Course or Higher | * 3   | _____     |
| OAT 151      | 3               | Business Communication I                            | *     | _____     |
| <b>AND</b>   |                 |   |       |           |
| OAT 152      | 3               | Business Communication II                           | *     | _____     |
| <b>OR</b>    |                 |   |       |           |
| ENG ---      | (3/5)           | Any Approved College Composition I Course           | *     | _____     |
| <b>AND</b>   |                 |   |       |           |
| ENG ---      | (3/5)           | Any Approved College Composition II Course          | *     | _____     |
| ENG 113      | (3)             | Technical Communication                             | *     | _____     |
| PHL 210W     | 2               | Information Technology Ethics & Law                 |       | _____     |
| POL ---      | 3/4             | Any Approved American Government Requirement        |       | _____     |
| PSY 211W     | 4               | General Psychology                                  |       | _____     |
| <b>23/29</b> | <b>SUBTOTAL</b> |   |       |           |

### Core Courses Required for all Degree Options

| Course    | Credits         | Course Title                                     | Notes | Completed |
|-----------|-----------------|--|-------|-----------|
| CST 120   | 1               | PC Operating System Command Line Interface (DOS) | *     | _____     |
| CST 133W  | 4               | Computer Concepts & Competencies                 | *\$   | _____     |
| CST 161   | 3               | Networking Fundamentals                          | *\$   | _____     |
| CST 260   | 3               | Routing Protocols and Concepts                   | *\$   | _____     |
| CST 266   | 4               | Information Security                             | *\$   | _____     |
| <b>15</b> | <b>SUBTOTAL</b> |  |       |           |

## Track 1: Criminal Technology

**Requirements for IST/Criminal Technology Degree**

| Course       | Credits | Course Title                               | Notes | Completed |
|--------------|---------|--|-------|-----------|
| CJ 110W      | 3       | Introduction to Criminal Justice           | *     | _____     |
| CJ 182W      | 3       | Introduction to Security                   | *     | _____     |
| CJ 210W      | 3       | Introduction to Criminal Investigation     | *     | _____     |
| CJ 211W      | 3       | Private Security and Investigative Methods | *     | _____     |
| CJ 215W      | 3       | Introduction to Homeland Security          | *     | _____     |
| CJ 220W      | 3       | Crime Laboratory Techniques                | *     | _____     |
| CST 126      | 2       | Unix/Linux Operating System                | *\$   | _____     |
| CST 128      | 4       | PC Hardware Concepts and Troubleshooting   | *\$   | _____     |
| CST 228      | 4       | Advanced PC Troubleshooting (A+)           | *\$   | _____     |
| CST 267      | 3       | Introduction to Computer Forensics         | *\$2  | _____     |
|              | 2/3     | Group I Electives (below)                  | *\$   | _____     |
|              | 3       | Group II Electives (below)                 | *\$   | _____     |
| <b>36/37</b> |         | <b>SUBTOTAL</b>                            |       |           |

## Track 2: Financial Security

**Requirements for IST/Financial Security Degree**

| Course    | Credits | Course Title                     | Notes | Completed |
|-----------|---------|----------------------------------|-------|-----------|
| ACC 211   | 4       | Principles of Accounting I       | *     | _____     |
| ACC 212   | 4       | Principles of Accounting II      | *     | _____     |
| ACC 227W  | 4       | Intermediate Accounting I        | *\$   | _____     |
| ACC 228W  | 4       | Intermediate Accounting II       | *\$   | _____     |
| ACC 233   | 3       | Cost Accounting                  | *     | _____     |
| ACC 235   | 3       | Financial Management             | *     | _____     |
| CJ 110W   | 3       | Introduction to Criminal Justice |       | _____     |
| CST 155   | 3       | Microsoft EXCEL                  | *\$   | _____     |
| CST 235   | 3       | Systems Analysis and Design      | *\$   | _____     |
| CST 257   | 3       | Database MS Access               | *\$   | _____     |
| MGT 153W  | 3       | Introduction to Business         |       | _____     |
| MGT 251W  | 3       | Business Law I                   |       | _____     |
| <b>40</b> |         | <b>SUBTOTAL</b>                  |       |           |

## Track 3: Information Assurance

**Requirements for IST/Information Assurance Degree**

| Course       | Credits | Course Title  | Notes | Completed |
|--------------|---------|---|-------|-----------|
| CST 126      | 2       | Unix/Linux Operating System                                 | *     | _____     |
| CST 128      | 4       | PC Hardware Concepts and Troubleshooting                    | *     | _____     |
| CST 150W     | 3       | Information Security Policies, Procedures, and Fundamentals | *     | _____     |
| CST 152      | 3       | Implementing Network Security                               | *     | _____     |
| CST 153      | 3       | Implementing Firewalls                                      | *\$   | _____     |
| CST 154W     | 3       | Incident Response and Disaster Recovery                     | *     | _____     |
| CST 156      | 3       | Implementing Wireless Security                              | *\$   | _____     |
| CST 158      | 3       | Network Intrusion Security Testing                          | *     | _____     |
| CST 164      | 3       | LAN Switching and Wireless                                  | *\$2  | _____     |
| CST 264      | 3       | Accessing the WAN   | *\$2  | _____     |
|              | 5/7     | Group I Electives (below)                                   |       | _____     |
|              | 3       | Group II Electives (below)                                  |       | _____     |
| <b>38/40</b> |         | <b>SUBTOTAL</b>   |       |           |

Choose credits from the following groups according to option requirements:

**Group I Electives**

| Course  | Credits | Course Title                                   | Notes | Completed |
|---------|---------|--|-------|-----------|
| CST 159 | 2       | Introduction to Oracle Database Management     | *\$   | _____     |
| CST 162 | 2       | Introduction to Novell Network Administration  | *\$   | _____     |
| CST 163 | 2       | Introduction to Windows Network Administration | *\$   | _____     |
| CST 164 | 3       | LAN Switching and Wireless                     | *\$   | _____     |
| CST 165 | 3       | Linux Networking I                             | *\$   | _____     |

**Group II Electives**

| Course  | Credits | Course Title                        | Notes | Completed |
|---------|---------|-------------------------------------|-------|-----------|
| CST 259 | 3       | Advanced Oracle Database Management | *\$   | _____     |
| CST 262 | 3       | Advanced Novell Networking          | *\$   | _____     |
| CST 263 | 3       | Advanced Microsoft Networking       | *\$   | _____     |
| CST 264 | 3       | Accessing the WAN                   | *\$   | _____     |
| CST 265 | 3       | Linux Networking II                 | *\$   | _____     |
| CST 267 | 3       | Introduction to Computer Forensics  | *\$   | _____     |
| CST 269 | 3       | Cisco Security                      | *\$   | _____     |

Post Associate Degree Certificates may be earned by completing requirements below:

**Requirements for IST/Criminal Technology Post Associate Certificate**

| Course    | Credits | Course Title  | Notes | Completed |
|-----------|---------|---|-------|-----------|
| CJ 187W   | 3       | Current Issues in Security                                | *>    | _____     |
| CJ 270W   | 3       | Evidence and Criminal Procedure                           | *>    | _____     |
| CJ 271W   | 3       | Criminal Law  | *>    | _____     |
| CST 235   | 3       | Systems Analysis and Design                               | *>    | _____     |
| MTH 120   | 3       | Finite Mathematics  | *>    | _____     |
| <b>15</b> |         | <b>TOTAL CREDITS REQUIRED FOR POST DEGREE CERTIFICATE</b> |       |           |

**Requirements for IST/Financial Security Post Associate Certificate**

| Course    | Credits | Course Title  | Notes | Completed |
|-----------|---------|---|-------|-----------|
| ACC 214   | 4       | Microcomputer Accounting Applications                     | *\$>  | _____     |
| ACC 215   | 3       | Federal Tax Accounting                                    | *>    | _____     |
| CST 128   | 4       | PC Hardware Concepts and Troubleshooting                  | *\$>  | _____     |
| CST 267   | 3       | Introduction to Computer Forensics                        | *\$>2 | _____     |
| MGT 245   | 3       | Principles of Management                                  | *>    | _____     |
| MTH 208W  | 3       | Elementary Statistics                                     | *>    | _____     |
| <b>20</b> |         | <b>TOTAL CREDITS REQUIRED FOR POST DEGREE CERTIFICATE</b> |       |           |

**74/81 TOTAL CREDITS REQUIRED FOR IST/CRIMINAL TECHNOLOGY DEGREE**

**78/84 TOTAL CREDITS REQUIRED FOR IST/FINANCIAL SECURITY DEGREE**

**76/84 TOTAL CREDITS REQUIRED FOR IST/INFORMATION ASSURANCE DEGREE**

**Notations:**

\* A "C" minimum grade is required in each asterisked course.

\$ Key Course: Key courses must be completed within 5 years of completing certificate or degree. Failure to complete within the stated time frame will require you to repeat this course.

> A post associate certificate will be awarded when you successfully complete courses preceded by the ">" sign.

1. Proficiency in keyboarding is expected in all CST classes. OAT 170 is available for those students who need to build keyboarding skills.
2. The course selected as required within a specific degree option cannot be used as an elective within the degree or post associate certificate.
3. MTH 119 or any higher level Math course (with the exception of MTH 153) will meet this requirement.
4. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
5. Delta College reserves the right to modify graduation requirements.
6. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Computer Science And Information Technology - NT

## Options:

- Computer Science And Information Technology - NT Associate Degree: AAS.17135
- Computer Science And Information Technology - NT Certificate: CTA.35135



## Associate in Applied Science Degree/ Advanced Certificate

A degree in Network Technology provides you with the skills for configuring and managing a system of interconnected computers that communicate with one another and share applications, data, and hardware components.

### Requirements for Network Technology Certificate/AAS Degree

| Course   | Credits | Course Title  | Notes | Completed |
|--|---------|---|-------|-----------|
| CST 120  | 1       | PC Operating System Command Line Interface (DOS)                    | >*    | _____     |
| CST 123  | 1       | Windows Operating System  | >*    | _____     |
| CST 126  | 2       | Unix/Linux Operating System   | >*    | _____     |
| CST 128  | 4       | PC Hardware Concepts and Troubleshooting                            | >*    | _____     |
| CST 133W   | 4       | Computer Concepts & Competencies                                    | >*\$  | _____     |
| CST 161  | 3       | Networking Fundamentals   | >*\$  | _____     |
| CST 170  | 1       | Principles of Computer Programming I                                | >*    | _____     |
| CST 260  | 3       | Routing Protocols and Concepts                                      | >*\$  | _____     |
|  | 8/9     | Select from Database Management/Networking Electives below          | >     | _____     |
|  | 3       | Select from Advanced Database Management/Networking Electives below | >     | _____     |
|  | 2/4     | Select from other CST/BIT Electives below                           | >     | _____     |
| <b>32/35 TOTAL CREDITS REQUIRED FOR ADVANCED CERTIFICATE</b> |         |   |       |           |

### Additional Business Core Requirements for Degree

| Course             | Credits | Course Title  | Notes | Completed |
|--------------------|---------|---|-------|-----------|
| ACC 211            | 4       | Principles of Accounting I  |       | _____     |
| CST 235            | 3       | Systems Analysis and Design   | *     | _____     |
| CST 266            | 4       | Information Security  | *\$   | _____     |
|                    | 3       | Select from Advanced Database Management/Networking Electives below | 2*\$  | _____     |
| <b>14 SUBTOTAL</b> |         |   |       |           |

### General Education Courses

| Course                | Credits | Course Title                                       | Notes | Completed |
|-----------------------|---------|--|-------|-----------|
| COM 112W              | 3       | Fundamentals of Oral Communication                 |       | _____     |
| <b>OR</b>             |         |  |       |           |
| COM 114W              | (3)     | Interpersonal Communication                        |       | _____     |
| ENG 111               | 3/5     | Any College Composition I <b>AND</b>               |       | _____     |
| ENG 112               | 3/5     | Any College Composition II <b>OR</b>               |       | _____     |
| ENG 113               | (3)     | Technical Communication                            |       | _____     |
| <b>OR</b>             |         |  |       |           |
| OAT 151               | (3)     | Business Communication I <b>AND</b>                |       | _____     |
| OAT 152               | (3)     | Business Communication II                          |       | _____     |
| LW ---                | 1       | Any 1 Credit LW Course (As of fall 2007)           |       | _____     |
| <b>AND</b>            |         |  |       |           |
| LWA ---               | 1       | Any 1 Credit LWA Course                            |       | _____     |
| <b>OR</b>             |         |  |       |           |
| LW ---                | (2)     | Any 2 Credit LW Course (As of fall 2007)           |       | _____     |
| MTH---                | 3/4     | Any Approved Intermediate Algebra Course or Higher | 4     | _____     |
| PHL 210W              | 2       | Information Technology Ethics & Law                |       | _____     |
| POL ---               | 3/4     | Any Approved American Government Requirement       |       | _____     |
| <b>19/25 SUBTOTAL</b> |         |  |       |           |

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**Database Management/Networking Electives (choose 8/9 credits)**

| Course  | Credits | Course Title                                   | Notes | Completed |
|---------|---------|--|-------|-----------|
| CST 159 | 2       | Introduction to Oracle Database Management     | *\$   | _____     |
| CST 162 | 2       | Introduction to Novell Network Administration  | *\$   | _____     |
| CST 163 | 2       | Introduction to Windows Network Administration | *\$   | _____     |
| CST 164 | 3       | LAN Switching and Wireless                     | *\$   | _____     |
| CST 165 | 3       | Linux Networking I                             | *\$   | _____     |

Choose 3 semester hours of Advanced Database Management/Networking Electives for the Advanced Certificate and an additional 3 hours for the Associate Degree.

**Advanced Database Management/Networking Electives**

| Course  | Credits | Course Title                        | Notes | Completed |
|---------|---------|-------------------------------------|-------|-----------|
| CST 259 | 3       | Advanced Oracle Database Management | *\$   | _____     |
| CST 262 | 3       | Advanced Novell Networking          | *\$   | _____     |
| CST 263 | 3       | Advanced Microsoft Networking       | *\$   | _____     |
| CST 264 | 3       | Accessing the WAN                   | *\$   | _____     |
| CST 265 | 3       | Linux Networking II                 | *\$   | _____     |
| CST 269 | 3       | Cisco Security                      | *\$   | _____     |

**Other CST/BIT Electives (choose 2/4 hours)**

| Course   | Credits | Course Title                           | Notes | Completed |
|----------|---------|--|-------|-----------|
| CST 147  | 2       | Presentation Graphics Using PowerPoint | *\$2  | _____     |
| CST 155  | 3       | Microsoft EXCEL                        | *\$2  | _____     |
| CST 228  | 4       | Advanced PC Troubleshooting (A+)       | *\$2  | _____     |
| CST 257  | 3       | Database MS Access                     | *\$2  | _____     |
| MGT 153W | 3       | Introduction to Business               | *\$2  | _____     |
| MGT 245  | 3       | Principles of Management               | *\$2  | _____     |

**65/74 TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE****Notations:**

**\$ This key course must be successfully completed within 5 years of graduation.**

**> This course is required for the corresponding academic certificate.**

**\* A "C" minimum grade is required in each asterisked course.**

1. Proficiency in keyboarding is expected in all CST classes. OAT 170 is available for those students who need to build keyboarding skills.
2. The course selected as an elective for the associate degree cannot be the same course as selected for the corresponding advanced certificate.
3. The above curricula are intended to prepare you for a career upon graduation from Delta College. If you are planning to transfer to a Baccalaureate degree program you should consult with a counselor before enrolling in computer, business, or general education courses so that specific transfer college requirements can be completed.
4. MTH 119 or any higher level Math course (except MTH 153) will meet this requirement.
5. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
6. Delta College reserves the right to modify graduation requirements.
7. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Computer Science And Information Technology - PC

## Options:

- Computer Science And Information Technology - PC Associate Degree: AAS.17136
- Computer Science And Information Technology - PC Certificate: CTA.35136



## Associate in Applied Science Degree/ Advanced Certificate

As a graduate of the PC Systems Support & Technology program, you will be involved with the planning, installation, maintenance, and repair of computer hardware and software.

### Requirements for PC Systems Support and Technology Certificate/AAS Degree

| Course    | Credits | Course Title   | Notes | Completed |
|-----------|---------|--|-------|-----------|
| CST 120   | 1       | PC Operating System Command Line Interface (DOS)       | >*    | _____     |
| CST 123   | 1       | Windows Operating System                               | >*    | _____     |
| CST 126   | 2       | Unix/Linux Operating System                            | >*    | _____     |
| CST 128   | 4       | PC Hardware Concepts and Troubleshooting               | >*\$  | _____     |
| CST 129   | 2       | Mac OS Troubleshooting                                 | >*\$  | _____     |
| CST 133W  | 4       | Computer Concepts & Competencies                       | >*\$  | _____     |
| CST 135   | 1       | Help Desk Fundamentals                                 | >*    | _____     |
| CST 161   | 3       | Networking Fundamentals                                | >*\$  | _____     |
| CST 163   | 2       | Introduction to Windows Network Administration         | >*    | _____     |
| CST 228   | 4       | Advanced PC Troubleshooting (A+)                       | >*\$  | _____     |
| CST 268W  | 2       | Special Topics in PC Support                           | >*\$  | _____     |
| <b>26</b> |         | <b>TOTAL CREDITS REQUIRED FOR ADVANCED CERTIFICATE</b> |       |           |

### Additional Business Core Requirements for Degree

| Course       | Credits | Course Title   | Notes | Completed |
|--------------|---------|--|-------|-----------|
| ACC 211      | 4       | Principles of Accounting I                                 | *     | _____     |
| CST 170      | 1       | Principles of Computer Programming I                       | *     | _____     |
| CST 235      | 3       | Systems Analysis and Design                                | *     | _____     |
|              | 7       | CST Network/Programming Electives (select from list below) |       | _____     |
|              | 4/6     | Related Electives (select from list below)                 |       | _____     |
| <b>19/21</b> |         | <b>SUBTOTAL</b>  |       |           |

### CST Network/Programming Electives (7 credit hours)

| Course  | Credits | Course Title                                  | Notes | Completed |
|---------|---------|---|-------|-----------|
| CST 159 | 2       | Introduction to Oracle Database Management    | *\$   | _____     |
| CST 162 | 2       | Introduction to Novell Network Administration | *\$   | _____     |
| CST 164 | 3       | LAN Switching and Wireless                    | *\$   | _____     |
| CST 165 | 3       | Linux Networking I                            | *\$   | _____     |
| CST 177 | 1       | Principles of Computer Programming II         | *\$   | _____     |
| CST 180 | 4       | C++ Programming                               | *\$   | _____     |
| CST 260 | 3       | Routing Protocols and Concepts                | *\$   | _____     |
| CST 262 | 3       | Advanced Novell Networking                    | *\$   | _____     |
| CST 263 | 3       | Advanced Microsoft Networking                 | *\$   | _____     |
| CST 265 | 3       | Linux Networking II                           | *\$   | _____     |
| CST 266 | 4       | Information Security                          | *\$   | _____     |
| CST 267 | 3       | Introduction to Computer Forensics            | *\$   | _____     |

**Related Electives (4 credit hours)**

| Course   | Credits | Course Title                                 | Notes | Completed |
|----------|---------|--|-------|-----------|
| ACE ---  | 1-4     | Academic Career Experience                   |       | _____     |
| ENT 131W | 3       | Entrepreneurship/Small Business Management I |       | _____     |
| MGT 153W | 3       | Introduction to Business                     |       | _____     |
| MGT 243  | 3       | Principles of Marketing                      |       | _____     |
| MGT 245  | 3       | Principles of Management                     |       | _____     |
| ACC 212  | 4       | Principles of Accounting II                  |       | _____     |
| ACC 235  | 3       | Financial Management                         |       | _____     |
| CST 183  | 3       | Java Programming                             | *\$   | _____     |

**General Education Courses**

| Course       | Credits | Course Title   | Notes     | Completed |
|--------------|---------|--|-----------|-----------|
| COM 112W     | 3       | Fundamentals of Oral Communication                   |           | _____     |
| <b>OR</b>    |         |  |           |           |
| COM 114W     | (3)     | Interpersonal Communication                          |           | _____     |
| LW ---       | 1       | Any 1 Credit LW Course (As of fall 2007)             |           | _____     |
| <b>AND</b>   |         |  |           |           |
| LWA ---      | 1       | Any 1 Credit LWA Course                              |           | _____     |
| <b>OR</b>    |         |  |           |           |
| LW ---       | (2)     | Any 2 Credit LW Course (As of fall 2007)             |           | _____     |
| OAT 151      | 3       | Business Communication I                             |           | _____     |
| <b>AND</b>   |         |  |           |           |
| OAT 152      | 3       | Business Communication II                            |           | _____     |
| <b>OR</b>    |         |  |           |           |
| ENG ---      | (3/5)   | Any Approved College Composition I Course            |           | _____     |
| <b>AND</b>   |         |  |           |           |
| ENG ---      | (3/5)   | Any Approved College Composition II Course           | <b>OR</b> | _____     |
| ENG 113      | (3)     | Technical Communication                              |           | _____     |
| PHL 210W     | 2       | Information Technology Ethics & Law                  |           | _____     |
| POL ---      | 3/4     | Any Approved American Government Requirement         |           | _____     |
| MTH---       | 3/4     | Any Approved Intermediate Algebra Course (or Higher) | *3        | _____     |
| <b>19/25</b> |         | <b>SUBTOTAL</b>                                      |           |           |
| <b>64/72</b> |         | <b>TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE</b>   |           |           |

**Notations:**

\* A "C" (2.0) minimum grade is required in each asterisked course.

\$ This key course must be successfully completed within 5 years of graduation.

> This course is required for the corresponding academic certificate.

1. Proficiency in keyboarding is expected in all CST classes. OAT 170 is available for those students who need to build keyboarding skills.
2. The above curricula are intended to prepare you for a career upon graduation from Delta College. If you are planning to transfer to a Baccalaureate degree program you should consult with a counselor before enrolling in computer, business, or general education courses so that specific transfer college requirements can be completed.
3. Any Approved Intermediate Algebra or higher except MTH 153 will meet this requirement.
4. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
5. Delta College reserves the right to modify graduation requirements.
6. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Computer Science And Information Technology - Prog

## Options:

- **Computer Science And Information Technology - PROG Associate Degree: AAS.17137**



## Associate in Applied Science Degree

A Programming degree prepares you for designing and building computer software using a variety of programming languages.

### Requirements for Programming AAS Degree

| Course    | Credits         | Course Title                              | Notes | Completed |
|-----------|-----------------|---|-------|-----------|
| ACC 211   | 4               | Principles of Accounting I                |       | _____     |
| CST 103   | 1               | Windows Foundations                       | *     | _____     |
| CST 110   | 1               | Web Page Development Using HTML           | *     | _____     |
| CST 126   | 2               | Unix/Linux Operating System               | *     | _____     |
| CST 133W  | 4               | Computer Concepts & Competencies          | *\$   | _____     |
| CST 155   | 3               | Microsoft EXCEL                           | *\$   | _____     |
| CST 170   | 1               | Principles of Computer Programming I      | *     | _____     |
| CST 171   | 2               | Visual BASIC Programming I                | *     | _____     |
| CST 177   | 1               | Principles of Computer Programming II     | *     | _____     |
| CST 180   | 4               | C++ Programming                           | *\$   | _____     |
| CST 183   | 3               | Java Programming                          | *\$   | _____     |
| CST 186   | 2               | Introduction to Game Programming          | *     | _____     |
| CST 235   | 3               | Systems Analysis and Design               | *     | _____     |
| CST 257   | 3               | Database MS Access                        | *     | _____     |
| CST 258   | 1               | Introduction to Structured Query Language | *     | _____     |
| CST 271   | 3               | Visual Basic Programming II               | *\$   | _____     |
| CST 273   | 2               | MS Applications Using Visual BASIC        | *\$   | _____     |
| CST 280   | 4               | Advanced C++Programming                   | *\$   | _____     |
| <b>44</b> | <b>SUBTOTAL</b> |   |       |           |

### General Education Courses

| Course       | Credits  | Course Title                                       | Notes | Completed |
|--------------|--|--|-------|-----------|
| COM 112W     | 3  | Fundamentals of Oral Communication                 |       | _____     |
| <b>OR</b>    |  |  |       |           |
| COM 114W     | (3)  | Interpersonal Communication                        |       | _____     |
| ENG 111      | 3/5  | Any College Composition I <b>AND</b>               |       | _____     |
| ENG 112      | 3/5  | Any College Composition II <b>OR</b>               |       | _____     |
| ENG 113      | (3)  | Technical Communication (Recommended)              |       | _____     |
| <b>OR</b>    |  |  |       |           |
| OAT 151      | (3)  | Business Communication I <b>AND</b>                |       | _____     |
| OAT 152      | (3)  | Business Communication II                          |       | _____     |
| LW ---       | 1  | Any 1 Credit LW Course (As of fall 2007)           |       | _____     |
| <b>AND</b>   |  |  |       |           |
| LWA ---      | 1  | Any 1 Credit LWA Course                            |       | _____     |
| <b>OR</b>    |  |  |       |           |
| LW ---       | (2)  | Any 2 Credit LW Course (As of fall 2007)           |       | _____     |
| MTH---       | 3/4  | Any Approved Intermediate Algebra Course or Higher | *3    | _____     |
| PHL 210W     | 2  | Information Technology Ethics & Law                |       | _____     |
| POL ---      | 3/4  | Any Approved American Government Requirement       |       | _____     |
| <b>19/25</b> | <b>SUBTOTAL</b>                                    |  |       |           |
| <b>63/69</b> | <b>TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE</b> |  |       |           |

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**Notations:**

**\$ This key course must be successfully completed within 5 years of graduation.**

**\* A "C" minimum grade is required in each asterisked course.**

1. Proficiency in keyboarding is expected in all CST classes. OAT 170 is available for those students who need to build keyboarding skills.
2. The above curricula are intended to prepare you for a career upon graduation from Delta College. If you are planning to transfer to a Baccalaureate degree program you should consult with a counselor before enrolling in computer, business, or general education courses so that specific transfer college requirements can be completed.
3. MTH 119 or any higher level Math course (with the exception of MTH 153) will meet this requirement.
4. The Lineworker portion of the Electrical Utility program was inactivated effective Spring 2011. Students meeting validation requirements, per the 2010-11 catalog, will be able to complete program requirements, Lineworker Level I, through transfer courses. Transfer credits are subject to program requirements as found on page 74 of the 2010-11 Delta College Catalog. Additionally, students seeking to complete this degree must also fulfill all Basic Requirements found on page 114 of the 2010/11 Delta College Catalog. The 2010-11 Delta College Catalog is available for viewing at: [www.delta.edu/catalog](http://www.delta.edu/catalog). Students are required to meet with Counseling/Advising & Career Services to initiate a catalog year waiver prior to completing a graduation application.
5. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
6. Delta College reserves the right to modify graduation requirements.
7. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Computer Science And Information Technology - Web

## Options:

- Computer Science And Information Technology - Web Associate Degree: AAS.17138
- Computer Science And Information Technology - Web Certificate: CTA.35138



## Associate in Applied Science Degree/ Advanced Certificate

A Web Information Technology Degree is focused on creating, maintaining, and managing web pages and web sites on the Internet.

### Core Degree Requirements

| Course    | Credits         | Course Title                              | Notes | Completed |
|-----------|-----------------|---|-------|-----------|
| ART 115   | 3               | Design I                                  | >*    | _____     |
| ART 171   | 2               | Digital Media for the Web                 | >*    | _____     |
| ART 271   | 3               | Digital Imaging I                         | *     | _____     |
| ART 284   | 3               | Typography                                | *     | _____     |
| ART 285   | 3               | Digital Animation and Interactive Design  | >*    | _____     |
| CST 110   | 1               | Web Page Development Using HTML           | >*    | _____     |
| CST 115W  | 3               | e-Commerce Concepts                       | >*    | _____     |
| CST 126   | 2               | Unix/Linux Operating System               | >*    | _____     |
| CST 133W  | 4               | Computer Concepts & Competencies          | >*    | _____     |
| CST 170   | 1               | Principles of Computer Programming I      | >*    | _____     |
| CST 171   | 2               | Visual BASIC Programming I                | *     | _____     |
| CST 210   | 2               | Advanced Web Page Development             | >*    | _____     |
| CST 214   | 2               | JavaScript Programming                    | >*    | _____     |
| CST 216   | 3               | Web Site Management                       | >*    | _____     |
| CST 217   | 3               | Web Server Programming                    | *\$   | _____     |
| CST 219W  | 2               | Web Site Deployment                       | *\$   | _____     |
| CST 257   | 3               | Database MS Access                        | *\$   | _____     |
| CST 258   | 1               | Introduction to Structured Query Language | *\$   | _____     |
| <b>43</b> | <b>SUBTOTAL</b> |   |       |           |

### General Education Core (see notation 2):

| Course       | Credits         | Course Title                                       | Notes | Completed |
|--------------|-----------------|--|-------|-----------|
| COM 112W     | 3               | Fundamentals of Oral Communication                 |       | _____     |
| <b>OR</b>    |                 |  |       |           |
| COM 114W     | (3)             | Interpersonal Communication                        |       | _____     |
| ENG 111      | 3/5             | Any College Composition I <b>AND</b>               |       | _____     |
| ENG 112      | 3/5             | Any College Composition II <b>OR</b>               |       | _____     |
| ENG 113      | (3)             | Technical Communication (Recommended)              |       | _____     |
| <b>OR</b>    |                 |  |       |           |
| OAT 151      | (3)             | Business Communication I <b>AND</b>                |       | _____     |
| OAT 152      | (3)             | Business Communication II                          |       | _____     |
| LW ---       | 1               | Any 1 Credit LW Course (As of fall 2007)           |       | _____     |
| <b>AND</b>   |                 |  |       |           |
| LWA ---      | 1               | Any 1 Credit LWA Course                            |       | _____     |
| <b>OR</b>    |                 |  |       |           |
| LW ---       | (2)             | Any 2 Credit LW Course (As of fall 2007)           |       | _____     |
| MTH ---      | 3/4             | Any Approved Intermediate Algebra Course or Higher | *3    | _____     |
| PHL 210W     | 2               | Information Technology Ethics & Law                |       | _____     |
| POL ---      | 3/4             | Any Approved American Government Requirement       |       | _____     |
| <b>19/25</b> | <b>SUBTOTAL</b> |  |       |           |

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26 TOTAL CREDITS REQUIRED FOR ADVANCED CERTIFICATE

62/68 TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE

**Notations:**

**\$ This key course must be successfully completed within 5 years of graduation.**

**> This course is required for the corresponding academic certificate.**

**\* A "C" minimum grade is required in each asterisked course.**

1. Proficiency in keyboarding is expected in all CST classes. OAT 170 is available for those students who need to build keyboarding skills.
2. The above curricula are intended to prepare you for a career upon graduation from Delta College. If you are planning to transfer to a Baccalaureate degree program you should consult with a counselor before enrolling in computer, business, or general education courses so that specific transfer college requirements can be completed.
3. MTH 119 or any higher level Math course (with the exception of MTH 153) will meet this requirement.
4. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
5. Delta College reserves the right to modify graduation requirements.
6. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Construction Management

## Options:

- **Construction Management Associate Degree: AAS.15875**



## Associate in Applied Science Degree

The Construction Management program is designed to acquaint you with management/business operations and knowledge of the practices and procedures relating to the construction industry. The construction course will acquaint you with various materials, procedures, types of fabrication, and methods of resolution. Technical problem solving will be stressed.

The business components of this program will teach you basic business structure and practices. Such training is invaluable in the start-up and maintenance of a profitable construction business. Other avenues of employment can be sought in construction supervision, material representation, and material management and control.

### General Education Courses

| Course       | Credits         | Course Title   | Notes | Completed |
|--------------|-----------------|--|-------|-----------|
| COM 202W     | 3               | Oral Communication for Managers  |       | _____     |
| LW 220W      | 1               | Lifelong Wellness  |       | _____     |
| <b>AND</b>   |                 |  |       |           |
| LWA ---      | 1               | Any 1 Credit LWA Course  |       | _____     |
| <b>OR</b>    |                 |  |       |           |
| LW ---       | (2)             | Any 2 Credit LW Course (As of fall 2007)                                     |       | _____     |
| MTH 097      | 0               | Algebra I  |       | _____     |
| <b>OR</b>    |                 |  |       |           |
|              |                 | Demonstrate an acceptable score on the current College assessment instrument |       | _____     |
| OAT 151      | 3               | Business Communication I   |       | _____     |
| OAT 152      | 3               | Business Communication II  |       | _____     |
| POL ---      | 3/4             | Any Approved American Government Requirement                                 |       | _____     |
| <b>14/15</b> | <b>SUBTOTAL</b> |  |       |           |

### Business Courses

| Course       | Credits         | Course Title                                 | Notes | Completed |
|--------------|-----------------|--|-------|-----------|
| ACC 111      | 4               | Introductory Accounting                      |       | _____     |
| <b>OR</b>    |                 |  |       |           |
| ACC 211      | (4)             | Principles of Accounting I                   |       | _____     |
| <b>OR</b>    |                 |  |       |           |
| ENT 101      | (3)             | Accounting for Entrepreneurs                 |       | _____     |
| ACE 280W     | 1               | Internship: Technology Management            | *2    | _____     |
| CST 134      | 3               | Micro Computers in Business Using MS Office  |       | _____     |
| <b>OR</b>    |                 |  |       |           |
| CST 133W     | (4)             | Computer Concepts & Competencies             |       | _____     |
| ENT 131W     | 3               | Entrepreneurship/Small Business Management I | *     | _____     |
| MGT 153W     | 3               | Introduction to Business                     |       | _____     |
| MGT 245      | 3               | Principles of Management                     |       | _____     |
| MGT 251W     | 3               | Business Law I                               |       | _____     |
| <b>OR</b>    |                 |  |       |           |
| ENT 221W     | (3)             | Law for Entrepreneurs                        |       | _____     |
| <b>19/21</b> | <b>SUBTOTAL</b> |  |       |           |

## **Basic Program Requirements**

| Course  | Credits | Course Title                                    | Notes | Completed |
|---------|---------|---|-------|-----------|
| RC 101  | 3       | Construction Print Interpretation               |       | _____     |
| ARC 101 | 3       | Materials and Methods of Construction           |       | _____     |
| ARC 221 | 3       | Site Preparation                                |       | _____     |
| RC 106  | 3       | Concrete and Foundations                        |       | _____     |
| RC 108  | 2       | Construction Safety                             |       | _____     |
| RC 200  | 3       | Construction Contracting Rules and Regulations  |       | _____     |
| ARC 204 | 3       | Estimating Building Construction                |       | _____     |
| ARC 111 | 3       | Mechanical and Electrical Systems for Buildings |       | _____     |
| ARC 211 | 2       | Elements of Structural Design                   |       | _____     |
| RC 203  | 3       | Residential CAD                                 | *     | _____     |
| TTI 110 | 2       | Sustainable Building Principles                 |       | _____     |
| TTI 120 | 3       | Energy Auditing and Weatherization              |       | _____     |

**33 SUBTOTAL**

**67/69 TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE**

### **Notations:**

**\* A "C" minimum grade is required in each asterisked course.**

1. If you plan to pursue a 3+1 program in management please meet with a counselor/academic advisor prior to the start of your second year.
2. In a laddered program, ACE 280 is only required to be taken one time.
3. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation.  
See page 196 for other graduation requirements.
4. Delta College reserves the right to modify graduation requirements.
5. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Criminal Justice



## Options:

- Law Enforcement With Basic Police Training (B.P.T.) Associate Degree: AAA.25725
- Corrections Associate Degree: AAA.25726
- Law Enforcement Associate Degree: AAA.25727
- Security/Loss Prevention Specialist Associate Degree: AAA.25723
- Corrections Certificate: CSZ.35724
- Security/Loss Prevention Specialist Certificate: CSZ.35723
- Law Enforcement With Basic Police Training (B.P.T.) Certificate: CSZ.35725
- Corrections with Jail Officer Academy Certificate: CSZ.35726

## Associate in Applied Arts Degree/ Certificate of Achievement

The Delta College Criminal Justice program is designed to give you specialized knowledge of the criminal justice field combined with a broad general educational background. The program offers theoretical, practical, and technical instruction designed to meet an ever-increasing demand and continuous upgrading of personnel by law enforcement agencies. As a graduate of this program, depending on the option chosen, you would be prepared to seek employment as a police officer, corrections officer, conservation officer, public safety dispatcher, juvenile officer, private security, or prepare for careers in probation/parole/courts, federal government, CSI, detective, pre-law and many other related careers.

### General Education Core Courses

| Course       | Credits | Course Title   | Notes | Completed |
|--------------|---------|--|-------|-----------|
| COM 112W     | 3       | Fundamentals of Oral Communication                   |       | _____     |
| <b>OR</b>    |         |  |       |           |
| COM 114W     | (3)     | Interpersonal Communication                          |       | _____     |
| <b>OR</b>    |         |  |       |           |
| COM 212W     | (3)     | Listening  |       | _____     |
| <b>OR</b>    |         |  |       |           |
| COM 222      | (3)     | Introduction to Acting                               |       | _____     |
| CST 133W     | 4       | Computer Concepts & Competencies                     | 1     | _____     |
| ENG ---      | 3/5     | Any Approved College Composition I Course            |       | _____     |
| ENG ---      | 3/5     | Any Approved College Composition II Course           |       | _____     |
| <b>OR</b>    |         |  |       |           |
| ENG 113      | (3)     | Technical Communication                              |       | _____     |
| LW ---       | 1       | Any 1 Credit LW Course (As of fall 2007)             | 2     | _____     |
| <b>AND</b>   |         |  |       |           |
| LWA ---      | 1       | Any 1 Credit LWA Course                              | 2     | _____     |
| <b>OR</b>    |         |  |       |           |
| LW ---       | (2)     | Any 2 Credit LW Course (As of fall 2007)             |       | _____     |
| OAT 170      | 2       | Keyboarding  | 1,9   | _____     |
| POL 103W     | 3       | Any POL 103W American Government Course              |       | _____     |
| <b>OR</b>    |         |  |       |           |
| POL 104W     | (4)     | Any POL 104W American Government with Project Course |       | _____     |
| <b>OR</b>    |         |  |       |           |
| POL 212W     | (3)     | State and Local Governments                          |       | _____     |
| PSY 211W     | 4       | Any PSY 211W General Psychology Course               |       | _____     |
| SOC 211W     | 3       | Any SOC 211W Principles of Sociology Course          |       | _____     |
| SOC 215W     | 3       | Sociology of Minority Groups                         |       | _____     |
| <b>30/35</b> |         | <b>SUBTOTAL</b>                                      |       |           |

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**Corrections Option (See Notations 3,8)**

| Course       | Credits | Course Title                             | Notes | Completed |
|--------------|---------|--|-------|-----------|
| CJ 110W      | 3       | Introduction to Criminal Justice         | *     | _____     |
| CJ 130W      | 3       | Introduction to Corrections              | >*    | _____     |
| CJ 132W      | 3       | Client Relations in Corrections          | >*    | _____     |
| CJ 135W      | 3       | Correctional Institutions and Facilities | >*    | _____     |
| CJ 233W      | 3       | Client Growth and Development            | >*    | _____     |
| CJ 275W      | 3       | Probation and Parole                     | *     | _____     |
| CJ 237W      | 3       | Jails & Local Detention                  | *     | _____     |
| CJ 238W      | 3       | Legal Issues in Corrections              | >*    | _____     |
| CJ 250       | 3       | The Juvenile Offender                    |       | _____     |
| --- ---      | 0/5     | General Electives                        | 7     | _____     |
| <b>27/32</b> |         | <b>SUBTOTAL</b>                          |       |           |

**Corrections with Jail Officer Academy (J.O.A.) Option (See Notations 8)**

| Course       | Credits | Course Title                                    | Notes   | Completed |
|--------------|---------|---|---------|-----------|
| CJ 102       | 4       | Jail Academy                                    | >>>>*10 | _____     |
| CJ 110W      | 3       | Introduction to Criminal Justice                | *       | _____     |
| CJ 130W      | 3       | Introduction to Corrections                     | *       | _____     |
| CJ 132W      | 3       | Client Relations in Corrections                 | *       | _____     |
| CJ 135W      | 3       | Correctional Institutions and Facilities        | *       | _____     |
| CJ 233W      | 3       | Client Growth and Development                   | *       | _____     |
| CJ 238W      | 3       | Legal Issues in Corrections                     | *       | _____     |
| CJ 250       | 3       | The Juvenile Offender                           | *       | _____     |
| CJ 275W      | 3       | Probation and Parole                            | *       | _____     |
| LWA 279      | 1       | Defensive Tactics in Corrections                | >>>>*10 | _____     |
| LWT 170      | 1       | Basic Life Support for the Health Care Provider | >>>>*10 | _____     |
| --- ---      | 0/5     | General Electives                               | 7       | _____     |
| <b>30/35</b> |         |   |         |           |

**Security/Loss Prevention Specialist Option (See Notation 8)**

| Course       | Credits | Course Title                               | Notes | Completed |
|--------------|---------|--|-------|-----------|
| ACC 211      | 4       | Principles of Accounting I                 | *     | _____     |
| CJ 110W      | 3       | Introduction to Criminal Justice           | >>>*  | _____     |
| CJ 182W      | 3       | Introduction to Security                   | >>>*  | _____     |
| CJ 187W      | 3       | Current Issues in Security                 | >>>*  | _____     |
| CJ 211W      | 3       | Private Security and Investigative Methods | >>>*  | _____     |
| CJ 215W      | 3       | Introduction to Homeland Security          | >>>*  | _____     |
| CJ 271W      | 3       | Criminal Law                               | >>>*  | _____     |
| LWT 165      | 1       | Community First Aid                        |       | _____     |
| MGT 251W     | 3       | Business Law I                             | *     | _____     |
| --- ---      | 2/7     | General Electives                          | 7     | _____     |
| <b>28/33</b> |         | <b>SUBTOTAL</b>                            |       |           |

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**Law Enforcement Option (See Notations 3.8)**

| Course       | Credits         | Course Title                                 | Notes | Completed |
|--------------|-----------------|--|-------|-----------|
| CJ 110W      | 3               | Introduction to Criminal Justice             | *     | _____     |
| CJ 111W      | 3               | Police Administration                        | *     | _____     |
| CJ 112W      | 3               | Police Operations                            | *     | _____     |
| CJ 210W      | 3               | Introduction to Criminal Investigation       | *     | _____     |
| CJ 220W      | 3               | Crime Laboratory Techniques                  | *4    | _____     |
| CJ 250       | 3               | The Juvenile Offender                        | *     | _____     |
| CJ 270W      | 3               | Evidence and Criminal Procedure              | *     | _____     |
| CJ 271W      | 3               | Criminal Law                                 | *     | _____     |
| --- ---      | 4/5             | Any Approved Natural Science Course with Lab | 7     | _____     |
| --- ---      | 3/4             | General Electives                            | 7     | _____     |
| <b>31/33</b> | <b>SUBTOTAL</b> |  |       |           |

**Law Enforcement with Basic Police Training (B.P.T.) Option (See Notations 5.8)**

| Course       | Credits  | Course Title                                 | Notes | Completed |
|--------------|--|--|-------|-----------|
| CJ 101       | 6  | Police Recruit Training                      | >>*6  | _____     |
| CJ 110W      | 3  | Introduction to Criminal Justice             | *     | _____     |
| CJ 111W      | 3  | Police Administration                        | *     | _____     |
| CJ 112W      | 3  | Police Operations                            | *     | _____     |
| CJ 210W      | 3  | Introduction to Criminal Investigation       | *     | _____     |
| CJ 220W      | 3  | Crime Laboratory Techniques                  | *4    | _____     |
| CJ 250       | 3  | The Juvenile Offender                        | *     | _____     |
| CJ 270W      | 3  | Evidence and Criminal Procedure              | *     | _____     |
| CJ 271W      | 3  | Criminal Law                                 | *     | _____     |
| OAT 153      | 1  | Police Report Writing                        | >>*6  | _____     |
| LWA 280      | 2  | Self-Defense/Fitness                         | >>*6  | _____     |
| LWT 175      | 3  | Advanced First Aid and Emergency Care        | >>*6  | _____     |
| --- ---      | 4/5  | Any Approved Natural Science Course with Lab |       | _____     |
| <b>40/41</b> | <b>SUBTOTAL</b>  |  |       |           |
| <b>15</b>    | <b>TOTAL CREDITS REQUIRED FOR CORRECTIONS CERTIFICATE</b>              |  |       |           |
| <b>6</b>     | <b>TOTAL CREDITS REQUIRED FOR JAIL OFFICER ACADEMY CERTIFICATE</b>     |  |       |           |
| <b>18</b>    | <b>TOTAL CREDITS REQUIRED FOR SECURITY/LOSS PREVENTION CERTIFICATE</b> |  |       |           |
| <b>12</b>    | <b>TOTAL CREDITS REQUIRED FOR POLICE TRAINING CERTIFICATE</b>          |  |       |           |
| <b>62/76</b> | <b>TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE</b>                     |  |       |           |

**Notations:**

\* A "C" minimum grade is required in each asterisked course.

>Corrections Certificate Option - A certificate of achievement in Corrections will be awarded upon successful completion of these courses.

>> Police Training Certificate Option - A certificate of achievement in Basic Police Training will be awarded upon successful completion of these courses.

>>> Security/Loss Prevention Specialist Certificate Option - A certificate of achievement in Security/Loss Prevention Specialist will be awarded upon successful completion of these courses.

>>>> Jail Officer Academy Certificate Option – A certificate of achievement in Jail Academy (Local Corrections Officer Certification) will be awarded upon successful completion of these courses.

1. If proficiency can be demonstrated in these areas, additional electives may be substituted.
2. Not required if taking Law Enforcement Basic Police Training (B.P.T.) Option or Jail Academy Option.
3. This Criminal Justice Program does not certify you for employment as a police enforcement officer as it does not incorporate the Basic Police Training (B.P.T.) Program.
4. May substitute an approved natural science elective including MTH 119 or higher with a grade of "C" or better for CJ 220. Please refer to the MACRAO information in the catalog. Lab science credit in two different areas would be particularly useful for transferring to a 4-year school and is required in the fulfillment of the MACRAO agreement.

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5. Students who plan to take the Basic Police Training (B.P.T.) should see their counselor/advisor or contact the Criminal Justice Training Center (N-102, Main campus; phone (989) 686-9108).
  6. CJ 101, OAT 153, LW 280, and LWT 175 are taken concurrently and together make up the Basic Police Training (B.P.T.) Academy. (12 credits) For information about B.P.T. contact the Criminal Justice Training Office. LWA 280 fulfills the 2 credit LW requirement for the Associate Degree.
  7. You may be eligible for MACRAO credit. Please see MACRAO requirements section in this catalog.
  8. Employment within the Criminal Justice field may be delayed or denied depending on a history of convictions involving felonies, misdemeanors, and/or involving controlled substances.
  9. Keyboarding waiver test is available for OAT 170. Contact the BIT Division office, 989-686-9127, to arrange for waiver test.
  10. CJ 102, LWA 279, and LWT 170 are taken concurrently and together make up the Jail Academy (6 credits). For information about the Jail Academy, contact the Criminal Justice Training Center, 989-686-9108. LWA 279 with LWT 170 fulfills the 2 required LWA credits for the Associate Degree.
  11. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
  12. Delta College reserves the right to modify graduation requirements.
  13. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Customer Energy Specialist

## Options:

- **Customer Energy Specialist Certificate: CTA.35873**



## Advanced Certificate

Special program for training Consumers Energy personnel. Not intended for general population.

### 1st Semester

| Course      | Credits | Course Title                                | Notes | Completed |
|-------------|---------|---|-------|-----------|
| CST 134     | 3       | Micro Computers in Business Using MS Office |       | _____     |
| DRF 104     | 4       | Basic Mechanical Design                     |       | _____     |
| <b>OR</b>   |         |   |       |           |
| DRF 105     | (3)     | Beginning Mechanical Design                 |       | _____     |
| ENG ---     | 3/5     | Any Approved College Composition I Course   |       | _____     |
| <b>9/12</b> |         | <b>SUBTOTAL</b>                             |       |           |

### 2nd Semester

| Course   | Credits | Course Title             | Notes | Completed |
|----------|---------|--------------------------|-------|-----------|
| CAD 114  | 2       | Introduction to CAD      |       | _____     |
| ENG 113  | 3       | Technical Communication  | 1     | _____     |
| MGT 153W | 3       | Introduction to Business |       | _____     |
| <b>8</b> |         | <b>SUBTOTAL</b>          |       |           |

### 3rd Semester

| Course    | Credits | Course Title            | Notes | Completed |
|-----------|---------|-------------------------|-------|-----------|
| ACC 111   | 4       | Introductory Accounting |       | _____     |
| CAD 214   | 3       | CAD Techniques          | 1     | _____     |
| MGT 243   | 3       | Principles of Marketing | 1     | _____     |
| PHY 101   | 4       | Applied Physics         | 1     | _____     |
| <b>14</b> |         | <b>SUBTOTAL</b>         |       |           |

### 4th Semester

| Course    | Credits | Course Title                         | Notes | Completed |
|-----------|---------|--------------------------------------|-------|-----------|
| COM 114W  | 3       | Interpersonal Communication          |       | _____     |
| MGT 251W  | 3       | Business Law I                       |       | _____     |
| SKMA 111  | 6       | Applied Integrated Electrical Math I | 1     | _____     |
| <b>12</b> |         | <b>SUBTOTAL</b>                      |       |           |

### Additional Courses for Required for Certificate

| Course   | Credits | Course Title                    | Notes | Completed |
|----------|---------|---------------------------------|-------|-----------|
| EDD 130  | 4       | Electric Distribution Design I  | 2     | _____     |
| EDD 132  | 4       | Electric Distribution Design II | 2     | _____     |
| <b>8</b> |         | <b>SUBTOTAL</b>                 |       |           |

### Additional Credits to Complete Associates in General Studies

| Course       | Credits | Course Title                                     | Notes | Completed |
|--------------|---------|--|-------|-----------|
| POL ---      | 3/4     | Any Approved American Government Requirement     |       | _____     |
| --- ---      | 5/9     | Elective credits (any 100 level course or above) |       | _____     |
| <b>8/13</b>  |         | <b>SUBTOTAL</b>                                  |       |           |
| <b>51/54</b> |         | <b>TOTAL CREDITS REQUIRED FOR CERTIFICATE</b>    |       |           |

#### Notations:

1. Prerequisite/knowledge required - see current Delta College Catalog.
2. EDD 130 and 132 are courses taken through Consumers Energy. Upon completion of these "in house" classes, a certificate will be issued. A copy of this certificate must be turned into Registrar's Office in order to receive college credit.

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3. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
  4. Delta College reserves the right to modify graduation requirements.

# Dental Assisting

## Options:

- Dental Assisting Certificate: CHA.35512
- Dental Assisting Associate Degree: AAS.20510



## Associate in Applied Science Degree/ Advanced Certificate

As a graduate of this program, you will be prepared to assist the dentist in diagnostic, operative, restorative, preventive and surgical procedures, as well as perform independent duties once you pass the RDA exam. Registered Dental Assistants in Michigan place and carve amalgam restorations; do selective coronal polishing; place sealants, fluoride, periodontal dressings, temporary crowns, dental dams, cavity liners and bases, orthodontic elastics and ligatures and arch wires; take impressions and radiographs; remove sutures; provide patient education; perform business office, laboratory and infection control duties. Opportunities are available for full-time and part-time employment in private dental offices and clinics as well as military, sales, research, and teaching. Salary depends on experience, duties and responsibility, geographic location and individual employer. Employment opportunities are comparable to the economy within the Great Lakes Bay Region and the state of Michigan. You should display the following positive attributes; manual dexterity; physical and mental health; vision; communication skill; ability to work as a team member; ability to follow directions; professional judgment and conduct; neat work habits; professional appearance and maintain personal hygiene; commitment to continuing education. Upon completing this program, you are eligible to take the certification exam of the Dental Assisting National Board to become a Certified Dental Assistant (CDA) and the Michigan Department of Community Health exam to become a Registered Dental Assistant (RDA). This program is accredited by the Commission on Dental Accreditation of the American Dental Association.

### Core Prerequisite Courses

| Course                | Credits | Course Title                              | Notes | Completed |
|-----------------------|---------|---|-------|-----------|
| BIO 140W              | 5       | Essentials Of Human Anatomy & Physiology  | >*^   | _____     |
| <b>OR</b>             |         |   |       |           |
| BIO 152W              | (4)     | Human Anatomy & Physiology I              | >*^   | _____     |
| <b>AND</b>            |         |   |       |           |
| BIO 153W              | (4)     | Human Anatomy & Physiology II             | >*^   | _____     |
| COM 112W              | 3       | Fundamentals of Oral Communication        | >*^   | _____     |
| <b>OR</b>             |         |   |       |           |
| COM 114W              | (3)     | Interpersonal Communication               | >*^   | _____     |
| ENG ---               | 3/5     | Any Approved College Composition I Course | >*^   | _____     |
| <b>OR</b>             |         |   |       |           |
| OAT 151               | (3)     | Business Communication I                  | >*^8  | _____     |
| <b>11/16 SUBTOTAL</b> |         |   |       |           |

### Degree Completion Option - These courses must be taken in addition to the Core Prerequisite Courses

| Course                | Credits | Course Title                                 | Notes | Completed |
|-----------------------|---------|--|-------|-----------|
| ENG ---               | 3/5     | Any Approved College Composition II Course   | *     | _____     |
| <b>OR</b>             |         |  |       |           |
| OAT 152               | (3)     | Business Communication II                    | *8    | _____     |
| LW ---                | 1       | Any 1 Credit LW Course (As of fall 2007)     | *     | _____     |
| <b>AND</b>            |         |  |       |           |
| LWA ---               | 1       | Any 1 Credit LWA Course                      | *     | _____     |
| <b>OR</b>             |         |  |       |           |
| LW ---                | (2)     | Any 2 Credit LW Course (As of fall 2007)     | *     | _____     |
| POL ---               | 3/4     | Any Approved American Government Requirement | *     | _____     |
| PSY 101W              | 3       | Applied Psychology                           | *     | _____     |
| <b>OR</b>             |         |  |       |           |
| PSY 211W              | (4)     | General Psychology                           | *     | _____     |
| <b>11/15 SUBTOTAL</b> |         |  |       |           |

ONE-YEAR TRACK - The following courses must be taken in the sequence shown.

**ONE-YEAR TRACK - FALL SEMESTER**

| Course    | Credits | Course Title                    | Notes | Completed |
|-----------|---------|---------------------------------|-------|-----------|
| DA 106W   | 1       | Infection Control               | >*    | _____     |
| DA 110    | 3       | Clinical Dental Assisting I     | >*    | _____     |
| DA 110LW  | 4       | Clinical Dental Assisting I Lab | >*    | _____     |
| DA 113W   | 4       | Oral Anatomy & Physiology       | >*    | _____     |
| DA 114W   | 2       | Dental Materials I              | >*    | _____     |
| DA 117W   | 1       | Dental Health and Nutrition     | >*    | _____     |
| HSC 140   | 2       | Basic Medical Emergencies       | >*4   | _____     |
| <b>17</b> |         | <b>SUBTOTAL</b>                 |       |           |

**ONE-YEAR TRACK - WINTER SEMESTER**

| Course    | Credits | Course Title                     | Notes | Completed |
|-----------|---------|----------------------------------|-------|-----------|
| DA 120    | 3       | Clinical Dental Assisting II     | >*    | _____     |
| DA 120LW  | 4       | Clinical Dental Assisting II Lab | >*    | _____     |
| DA 121W   | 4       | Clinical Practice                | >*    | _____     |
| DA 123W   | 2       | Dental Radiology                 | >*    | _____     |
| DA 123LW  | 2       | Dental Radiology Lab             | >*    | _____     |
| DA 125W   | 2       | Dental Materials II              | >*    | _____     |
| DA 125LW  | 2       | Dental Materials II Lab          | >*    | _____     |
| <b>19</b> |         | <b>SUBTOTAL</b>                  |       |           |

**ONE-YEAR TRACK - SPRING SESSION**

| Course   | Credits | Course Title             | Notes | Completed |
|----------|---------|--------------------------|-------|-----------|
| DA 129W  | 3       | Dental Office Management | >*    | _____     |
| DA 131W  | 1       | RDA Exam Prep            | >*    | _____     |
| DA 131LW | 4       | RDA Exam Prep Lab        | >*    | _____     |
| <b>8</b> |         | <b>SUBTOTAL</b>          |       |           |

**ONE-YEAR TRACK - SUMMER SESSION**

| Course   | Credits | Course Title                        | Notes | Completed |
|----------|---------|-------------------------------------|-------|-----------|
| DA 130   | 6       | Dental Assisting Internship         | >*    | _____     |
| DA 133   | 1       | Dental Assisting Internship Seminar | >*    | _____     |
| <b>7</b> |         | <b>SUBTOTAL</b>                     |       |           |

TWO-YEAR TRACK - The following courses must be taken in the sequence shown.

**TWO-YEAR TRACK FIRST YEAR - FALL SEMESTER**

| Course   | Credits | Course Title                | Notes | Completed |
|----------|---------|-----------------------------|-------|-----------|
| DA 113W  | 4       | Oral Anatomy & Physiology   | >*    | _____     |
| DA 117W  | 1       | Dental Health and Nutrition | >*    | _____     |
| HSC 140  | 2       | Basic Medical Emergencies   | >*4   | _____     |
| <b>7</b> |         | <b>SUBTOTAL</b>             |       |           |

**TWO-YEAR TRACK FIRST YEAR - WINTER SEMESTER**

| Course   | Credits | Course Title         | Notes | Completed |
|----------|---------|----------------------|-------|-----------|
| DA 123W  | 2       | Dental Radiology     | >*    | _____     |
| DA 123LW | 2       | Dental Radiology Lab | >*    | _____     |
| <b>4</b> |         | <b>SUBTOTAL</b>      |       |           |

**TWO-YEAR TRACK FIRST YEAR - SPRING SESSION**

| Course   | Credits | Course Title             | Notes | Completed |
|----------|---------|--------------------------|-------|-----------|
| DA 129W  | 3       | Dental Office Management | >*    | _____     |
| <b>3</b> |         | <b>SUBTOTAL</b>          |       |           |

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**TWO-YEAR TRACK SECOND YEAR - FALL SEMESTER**

| Course    | Credits         | Course Title                    | Notes | Completed |
|-----------|-----------------|---------------------------------|-------|-----------|
| DA 106W   | 1               | Infection Control               | >*    | _____     |
| DA 110    | 3               | Clinical Dental Assisting       | >*    | _____     |
| DA 110LW  | 4               | Clinical Dental Assisting I Lab | >*    | _____     |
| DA 114W   | 2               | Dental Materials I              | >*    | _____     |
| <b>10</b> | <b>SUBTOTAL</b> |                                 |       |           |

**TWO-YEAR TRACK SECOND YEAR - WINTER SEMESTER**

| Course    | Credits         | Course Title                     | Notes | Completed |
|-----------|-----------------|----------------------------------|-------|-----------|
| DA 120    | 3               | Clinical Dental Assisting II     | >*    | _____     |
| DA 120LW  | 4               | Clinical Dental Assisting II Lab | >*    | _____     |
| DA 121W   | 4               | Clinical Practice                | >*    | _____     |
| DA 125W   | 2               | Dental Materials II              | >*    | _____     |
| DA 125LW  | 2               | Dental Materials II Lab          | >*    | _____     |
| <b>15</b> | <b>SUBTOTAL</b> |                                  |       |           |

**TWO-YEAR TRACK SECOND YEAR - SPRING SESSION**

| Course   | Credits         | Course Title      | Notes | Completed |
|----------|-----------------|-------------------|-------|-----------|
| DA 131W  | 1               | RDA Exam Prep     | >*    | _____     |
| DA 131LW | 4               | RDA Exam Prep Lab | >*    | _____     |
| <b>5</b> | <b>SUBTOTAL</b> |                   |       |           |

**TWO-YEAR TRACK SECOND YEAR - SUMMER SESSION**

| Course   | Credits         | Course Title                        | Notes | Completed |
|----------|-----------------|-------------------------------------|-------|-----------|
| DA 130W  | 6               | Dental Assisting Internship         | >*    | _____     |
| DA 133W  | 1               | Dental Assisting Internship Seminar | >*    | _____     |
| <b>7</b> | <b>SUBTOTAL</b> |                                     |       |           |

**62/67 TOTAL CREDITS REQUIRED FOR CERTIFICATE****73/82 TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE****Notations:****> A Certificate will be awarded when courses preceded by a greater than (“>”) sign are successfully completed.****\* A “C” minimum grade is required in each asterisked course.****^ Core prerequisite courses must be completed prior to taking any DA course.**

1. Due to the limited capacity of the Delta College dental facilities and the specific requirements of the Commission on Accreditation of Dental and Dental Auxiliary Educational Programs, enrollment is limited.
2. Once enrolled in the DA course sequence, you will be required to provide documentation of a current physical exam including a Hepatitis B and TB Carrier test prior to enrolling in any second semester course. A Hepatitis B vaccination is strongly recommended by the faculty and by the Commission on Dental Accreditation.
3. In addition to tuition, textbook costs, and supply costs, you must purchase laboratory attire and other infectious disease barriers. You must provide your own transportation to dental office facilities and internship office assignments. You must supply your own patients for DA 123L and DA 131L.
4. HSC 140 can be taken prior to enrollment in the program for CPR certification. However, if HSC 140 is taken prior to enrollment into the Dental Assisting program, you must maintain valid CPR certification for the second semester of the program and the sequential courses. It is also required for the Certification Exam and the Registered Dental Assistant Exam.
5. You must achieve a “C” (2.0) minimum grade in each DA course to be eligible to continue enrollment in this program.
6. Validation is not required for this Health program.
7. This program can be completed in a one-year track or a two-year track option. A limited number of two-year track seats are available each year. See the program coordinator for two-year track scheduling assistance.
8. Students who are seeking transfer credit to another college or university should take the approved English composition courses instead of the OAT courses; also BIO 152 and BIO 153 instead of BIO 140. Consult with the Counseling & Advising Center for help with your course selection.
9. File an application for an associate or dual degree and/or certificate with the Registrar’s Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
10. Delta College reserves the right to modify graduation requirements.
11. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Dental Hygiene



## Options:

- **Dental Hygiene Associate Degree: AAS.20515**

## Associate in Applied Science Degree

As a graduate of this program, you will have the knowledge and skills to provide preventive and therapeutic treatments and services prescribed by and under the supervision of the dentist. Specific responsibilities vary, depending on the law of the state where you are employed, but generally include: scaling and root debridement; application of topical fluoride and medicines for the prevention of tooth decay; taking impressions and preparing diagnostic models; expose, process and mount dental radiographs; provide instructions for patient self-care and nutritional counseling; and perform laboratory procedures. In Michigan registered dental hygienists are also allowed to provide local anesthesia and nitrous oxide to patients 18 years of age and older. Upon successfully completing this program, you will be eligible to take the National, Regional and State Board Examinations for Dental Hygiene licensure, since Delta College's program is accredited by the Commission on Dental Accreditation of the American Dental Association, a specialized accrediting body recognized by the Council on Postsecondary Accreditation and the U.S. Department of Education. This is a suggested enrollment sequence for all full-time students. There are various employment opportunities for the registered dental hygienist. The registered hygienist may choose employment in a general or specialty dental practice, schools, clinics, hospitals, HMOs, public health, or governmental agencies. The dental hygienist may also be employed in the area of management, research, sales, consulting or education.

### General Education Courses

| Course       | Credits | Course Title                                 | Notes | Completed |
|--------------|---------|--|-------|-----------|
| BIO 140      | 5       | Essentials of Human Anatomy & Physiology     | 1, 3> | _____     |
| <b>OR</b>    |         |  |       |           |
| BIO 152      | (4)     | Human Anatomy & Physiology I <b>AND</b>      | 1,3*  | _____     |
| BIO 153      | (4)     | Human Anatomy & Physiology II                | 1,3*  | _____     |
| <b>OR</b>    |         |  |       |           |
| BIO 240      | (4)     | Human Anatomy <b>AND</b>                     | 1,3*  | _____     |
| BIO 241      | (4)     | Physiology                                   | 1,3*  | _____     |
| BIO 203W     | 4       | General Microbiology                         | 3*    | _____     |
| COM 112W     | 3       | Fundamentals of Oral Communication           | 3*    | _____     |
| <b>OR</b>    |         |  |       |           |
| COM 114W     | (3)     | Interpersonal Communication                  | 3*    | _____     |
| DH 100       | 1       | Dental Hygiene Profession                    | 3,10* | _____     |
| DH 101       | 2       | Dental Anatomy I                             | 3,9*  | _____     |
| ENG ---      | 3/5     | Any Approved College Composition I Course    | 3*    | _____     |
| ENG ---      | 3/5     | Any Approved College Composition II Course   | 3*    | _____     |
| POL ---      | 3/4     | Any Approved American Government Requirement | 3*    | _____     |
| PSY 101      | 3       | Applied Psychology                           | 3*    | _____     |
| <b>OR</b>    |         |  |       |           |
| PSY 211      | (4)     | General Psychology                           | 3*    | _____     |
| SOC 211      | 3       | Principles of Sociology                      | 3*    | _____     |
| <b>30/39</b> |         | <b>SUBTOTAL</b>                              |       |           |

Prior to attempting to register to begin the clinical sequence, you must complete the "Validation Application" and be officially validated. See Validation Procedures in this catalog for the required procedures.

### Clinical Course Sequence

#### First Semester (Fall)

| Course    | Credits | Course Title                   | Notes | Completed |
|-----------|---------|--------------------------------|-------|-----------|
| DH 110    | 2       | Dental Infection Control       | *     | _____     |
| DH 111    | 1       | Oral Examinations              | *     | _____     |
| DH 112    | 2       | Medical Assessment/Emergencies | *     | _____     |
| DH 114    | 2       | Oral Health                    | *     | _____     |
| DH 115    | 5       | Clinical Techniques            | *     | _____     |
| DH 116    | 3       | Preventive Nutrition           | *     | _____     |
| DH 118    | 3       | Head and Neck Anatomy          | *     | _____     |
| <b>18</b> |         | <b>SUBTOTAL</b>                |       |           |

## **Second Semester (Winter)**

| Course    | Credits         | Course Title                    | Notes | Completed |
|-----------|-----------------|---------------------------------|-------|-----------|
| DH 120    | 3               | Periodontics I                  | *     | _____     |
| DH 121    | 2               | Dental Hygiene Seminar I        | *     | _____     |
| DH 122    | 3               | Oral Histology and Embryology   | *     | _____     |
| DH 123    | 2               | Dental Radiography              | *     | _____     |
| DH 123L   | 1               | Dental Radiography Lab          | *+    | _____     |
| DH 124    | 2               | Pharmacology For Dental Hygiene | *     | _____     |
| DH 125    | 4               | Clinical Dental Hygiene I       | *     | _____     |
| LW 206A   | 1               | Occupational Wellness 1         | 11*   | _____     |
| <b>18</b> | <b>SUBTOTAL</b> |                                 |       |           |

## **Third Semester (Spring)**

| Course     | Credits         | Course Title   | Notes | Completed |
|------------|-----------------|--|-------|-----------|
| DH 130     | 3               | Management of Dental Pain and Anxiety in the Dental Office | *     | _____     |
| DH 131     | 1               | Dental Hygiene Seminar II                                  | *     | _____     |
| DH 135     | 3               | Clinical Dental Hygiene II                                 | *     | _____     |
| LWA 206B   | .5              | Occupational Wellness 2                                    | 11*   | _____     |
| <b>7.5</b> | <b>SUBTOTAL</b> |  |       |           |

## **Fourth Semester (Fall)**

| Course      | Credits         | Course Title                | Notes | Completed |
|-------------|-----------------|-----------------------------|-------|-----------|
| DH 210      | 2               | Periodontics II             | *     | _____     |
| DH 213      | 3               | Oral Pathology              | *     | _____     |
| DH 214W     | 4               | Dental Materials            | *     | _____     |
| DH 215      | 6               | Clinical Dental Hygiene III | *     | _____     |
| DH 216W     | 2               | Community Dentistry I       | *     | _____     |
| DH 219W     | .5              | Case Study Documentation I  | *     | _____     |
| <b>17.5</b> | <b>SUBTOTAL</b> |                             |       |           |

## **Fifth Semester (Winter)**

| Course      | Credits         | Course Title                | Notes | Completed |
|-------------|-----------------|-----------------------------|-------|-----------|
| DH 222W     | 1.5             | Case Study Documentation II | *     | _____     |
| DH 225      | 6               | Clinical Dental Hygiene IV  | *     | _____     |
| DH 227W     | 1               | Community Dentistry II      | *     | _____     |
| DH 228      | 1               | Dental Hygiene Seminar III  | *     | _____     |
| DH 229      | 2               | Seminar on Practical Exam   | *     | _____     |
| LWA 206C    | .5              | Occupational Wellness 3     | 11*   | _____     |
| <b>12.0</b> | <b>SUBTOTAL</b> |                             |       |           |

**103/112 TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE**

### **Notations:**

\* A "C" minimum grade is required in each asterisked course.

> A "B" minimum grade is required.

+ You may substitute DA 123L for DH 123L. A minimum "C" grade is required.

1. It is highly recommended that you make an appointment with the Health and Wellness Counselor to go over the prerequisites and discuss your career choice prior to starting your prerequisites.
2. A maximum of 18 students will be accepted each fall semester for the Dental Hygiene courses.
3. Prerequisite qualifications are: a) high school graduate or GED equivalent; b) be admitted to Delta College; c) submit to Delta College complete transcripts from high school and other colleges attended; d) successfully complete prerequisite courses; e) follow the validation procedures as outlined in Health Program procedures of this catalog once the prerequisites are completed.
4. Dental Hygiene courses are offered mostly during day hours and must be taken together in the sequence shown. You must achieve a minimum "C" (2.0) grade in each Dental Hygiene course to be eligible to continue in the program.
5. After enrolling in the clinical, you must have a complete physical examination, including TB and Hepatitis carrier tests. It is highly recommended that you talk to your family physician about receiving the hepatitis vaccine before you start the professional course sequence of Dental Hygiene.

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6. You must maintain a current Professional Rescuer CPR certification throughout your enrollment in the Dental Hygiene courses, plus you must maintain your certification to be a licensed Dental Hygienist in the State of Michigan.
  7. In addition to tuition, fees, and textbook costs, you must purchase laboratory coats, clinic shoes, uniform pants, safety glasses, and the Dental Hygiene Instrument Kit (additional costs approximately \$1,500).
  8. Student re-entry procedures are printed in the handbook given to all clinical students.
  9. Dental Hygiene students should be taking DH 101 for Dental Anatomy. DA 113 Oral Anatomy & Physiology may be substituted for DH 101 if a "B" (3.0) or higher was achieved in the course.
  10. According to State rules and regulations, licensure may be delayed or denied depending on the history of convictions involving felonies, misdemeanors, and/or involving controlled substances (including traffic violations). Questions dealing with this issue should be directed to the Michigan State Office of Health Services at (517) 335-0918.
  11. Successful completion of LW 206A, LWA 206B, and LWA 206C meets the Lifelong Wellness graduation requirement.
  12. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
  13. Delta College reserves the right to modify graduation requirements.
  14. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.  
. Also see "Dual Degrees."

# Diagnostic Medical Sonography

## Options:

- **Diagnostic Medical Sonography Associate Degree: AAS.20547**
- **Diagnostic Medical Sonography Certificate: CHA.35545**



## Associate in Applied Science Degree/ Advanced Certificate

Ultrasound is a diagnostic imaging modality that uses high frequency sound waves to obtain anatomical images of the abdominal, pelvic, fetus, and vasculature systems. A sonographer is a skilled health care professional who performs diagnostic ultrasound examinations under the direction of a physician. Sonographers use their knowledge of anatomy and physiology, pathology, and ultrasound physics in order to obtain quality images for interpretation. A sonographer must be proficient in problem solving, and possess the ability to extrapolate pertinent patient history along with supporting clinical data to facilitate optimum diagnostic results. Upon successfully completing this program, students are eligible to take the national certification examination administered by the American Registry of Diagnostic Medical Sonographers.

### General Education Courses

| Course       | Credits | Course Title                                 | Notes | Completed |
|--------------|---------|--|-------|-----------|
| BIO 140W     | 5       | Essentials Of Human Anatomy & Physiology     | >+    | _____     |
| <b>OR</b>    |         |  |       |           |
| BIO 152W     | (4)     | Human Anatomy & Physiology I <b>AND</b>      | >+    | _____     |
| BIO 153W     | (4)     | Human Anatomy & Physiology II                | >+    | _____     |
| COM 114W     | 3       | Interpersonal Communication                  | >+    | _____     |
| ENG ---      | 3/5     | Any Approved College Composition I Course    | >+    | _____     |
| ENG 113      | 3       | Technical Communication                      | >+    | _____     |
| HSC 105      | 2       | Medical Terminology                          | >+    | _____     |
| PHY 101      | 4       | Applied Physics                              | >+    | _____     |
| <b>OR</b>    |         |  |       |           |
| PHY 111      | (4)     | General Physics I                            | >+    | _____     |
| POL ---      | 3/4     | Any Approved American Government Requirement | *10   | _____     |
| PSY 211W     | 4       | General Psychology                           | *10   | _____     |
| PHL 215W     | 3       | Health Care Ethics                           | *10   | _____     |
| SOC 211W     | 3       | Principles of Sociology                      | *10   | _____     |
| <b>33/39</b> |         | <b>SUBTOTAL</b>                              |       |           |

Prior to attempting to register to begin the clinical sequence, you must complete the admission process for the DMS program. See notations. Basic Program Requirements

### First Semester

| Course   | Credits | Course Title                             | Notes | Completed |
|----------|---------|--|-------|-----------|
| DMS 100  | 2       | Patient Care and Management              | >+10  | _____     |
| DMS 105W | 2       | Ultrasound Physics and Instrumentation I | >+10  | _____     |
| DMS 107  | 1       | Introduction to Ultrasound Scanning      | >+10  | _____     |
| DMS 107L | 1       | Introduction to Ultrasound Scanning Lab  | >+10  | _____     |
| <b>6</b> |         | <b>SUBTOTAL</b>                          |       |           |

### Second Semester

| Course    | Credits | Course Title                         | Notes | Completed |
|-----------|---------|--------------------------------------|-------|-----------|
| DMS 101   | 2       | Introduction to Sonography           | >+    | _____     |
| DMS 103   | 3       | Introduction to Abdominal Sonography | >+    | _____     |
| DMS 104   | 2       | Introduction to OB/GYN Sonography    | >+    | _____     |
| DMS 106W  | 4       | Ultrasound Scanning                  | >+    | _____     |
| LW 206A   | 1       | Occupational Wellness 1              | *     | _____     |
| <b>12</b> |         | <b>SUBTOTAL</b>                      |       |           |

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### Third Semester

| Course    | Credits         | Course Title                              | Notes | Completed |
|-----------|-----------------|---|-------|-----------|
| DMS 112   | 1               | Small Parts Sonography                    | >+    | _____     |
| DMS 113   | 1               | Advanced Abdominal Sonography             | >+    | _____     |
| DMS 114   | 2               | Advanced OB/GYN Sonography                | >+    | _____     |
| DMS 115   | 2               | Ultrasound Physics and Instrumentation II | >+    | _____     |
| DMS 116   | .5              | Clinical Seminar I                        | >+    | _____     |
| DMS 117   | 5               | Clinical Education I                      | >+    | _____     |
| LW 206B   | .5              | Occupational Wellness 2                   | *     | _____     |
| <b>12</b> | <b>SUBTOTAL</b> |   |       |           |

### Fourth Semester

| Course    | Credits         | Course Title                                       | Notes | Completed |
|-----------|-----------------|--|-------|-----------|
| DMS 201   | 3               | Introduction to Neurologic and Vascular Sonography | >+    | _____     |
| DMS 202   | 4               | Ultrasound Seminar I                               | >+    | _____     |
| DMS 206   | .5              | Clinical Seminar II                                | >+    | _____     |
| DMS 207   | 5               | Clinical Education II                              | >+    | _____     |
| LW 206C   | .5              | Occupational Wellness 3                            | *     | _____     |
| <b>13</b> | <b>SUBTOTAL</b> |  |       |           |

### Fifth Semester

| Course   | Credits         | Course Title           | Notes | Completed |
|----------|-----------------|------------------------|-------|-----------|
| DMS 212  | 4               | Ultrasound Seminar II  | >+    | _____     |
| DMS 217  | 5               | Clinical Education III | >+    | _____     |
| <b>9</b> | <b>SUBTOTAL</b> |                        |       |           |

**85/91 TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE**

**70/75 TOTAL CREDITS REQUIRED FOR CERTIFICATE**

#### Notations:

> **A Certificate will be awarded when courses preceded by a greater than (“>”) sign are successfully completed.**

\* **A “C” minimum grade is required in each asterisked course.**

+ **A “B” minimum grade is required in each course preceded by a plus sign (“+”).**

1. A maximum of 14 students will be accepted each fall semester for the DMS program. The procedure for application to the DMS program can be obtained from Counseling, the DMS web site (<http://www.delta.edu/health/sonography.aspx>), or the DMS Program Coordinator. Students will be eligible to register for clinical courses only after successful validation. Validation will include: 1) meeting all admission criteria with the required nine (9) points; 2) qualifying under Option A (graduate of a qualified allied health program), OR obtaining a “B” (3.0) minimum grade in each course under Option B (see notation 2); and 3) successfully passing a required interview. (Interview resources are available in the Delta College Career Services office.) In addition, all students must demonstrate English competency of READING LEVEL 5 and WRITING LEVEL 3, and Math competency of MATH LEVEL 4 prior to application.
2. Prerequisite qualifications are: Graduate of an accredited allied health program or completion of the following courses with a “B” (3.0) or better: BIO 140 or BIO 152 and BIO 153, HSC 105, any approved College Composition I course, ENG 113, COM 114 or SPH 114, PHY 101 or PHY 111. If you are an allied health program graduate but the program did not include college level physics, you will still be required to take PHY 101 or PHY 111 with a “B” (3.0) or better. Medical Radiography Physics will meet this requirement.
3. Program qualifications include: (a) High school graduate or GED equivalent; (b) Be admitted to Delta College; (c) Provide transcripts from high school and other colleges attended.
4. Other program requirements: (a) Current CPR for the Professional Rescuer certification is required for admission to the clinical sequence. CPR currency must be maintained throughout the program; (b) Submit a completed Student Physical Examination Form, which requires a negative TB test; (c) Submit evidence of Hepatitis B immunization or signed waiver form provided during orientation.
5. Basic computer literacy skills or CST 103 or CST 106.
6. DMS program courses must be taken together in the sequence shown. Clinical education courses are conducted primarily during daytime hours; however, off-shifts (second and third shifts) may be assigned to meet course objectives.
7. You must achieve a “B” (3.0) minimum grade in each DMS course to be eligible to continue in and graduate from the DMS program. You must comply with all DMS program progression and retention policies (copies available from the Health Programs counselor or DMS program coordinator.)
8. Licensure may be delayed or denied depending on the history of criminal convictions. Questions regarding this issue may be directed to the ARDMS (American Registry of Diagnostic Medical Sonographers) at [www.ardms.org](http://www.ardms.org) or (301) 738-8401.
9. In addition to tuition, fees, and textbook costs, you must purchase uniforms, name tags, and clinical shoes; provide your transportation to clinical settings; pay for meals, parking fees, and any medical treatment which may become necessary.
10. You can complete POL ---, PSY 211W, PHL 215W, and SOC 211 in the first semester of basic program requirements in order to maintain your full-time student status.
11. All students will be required to undergo a background check and may be required to have a drug screen, dependent upon clinical site assignments.

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12. Student clinical rotations will consist of two separate six-month placements. Many clinical sites are located outside the tri-city area and may be out of state. Students must be prepared to commute or relocate.
  13. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
  14. Delta College reserves the right to modify graduation requirements.
  15. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Digital Film Production



## Options:

- Digital Film Production Certificate: CEA.35330

## Advanced Certificate

When you complete this certificate, you will have been introduced to many aspects of film production: film aesthetics, screenwriting, filming, and editing. The certificate can also prepare you for further film studies and might help you find work in the film industry. In addition, courses in the certificate also provide a foundation for work in video advertising, videography, and the production of training films.

| Course       | Credits | Course Title   | Notes | Completed |
|--------------|---------|--|-------|-----------|
| EM 280       | 3       | Digital Film Capstone                                | *     | _____     |
| EMB 151      | 3       | Media Production I                                   | *     | _____     |
| EMB 154      | 2       | Peripheral Multimedia Applications                   | *     | _____     |
| EMB 155      | 4       | Media Production II                                  | *     | _____     |
| ENG ---      | 3/5     | Any Approved College Composition I Course <b>AND</b> | *1    | _____     |
| ENG ---      | 3/5     | Any Approved College Composition II Course           | *1    | _____     |
| <b>OR</b>    |         |  |       |           |
| OAT 151      | (3)     | Business Communication I <b>AND</b>                  | *1    | _____     |
| OAT 152      | (3)     | Business Communication II                            | *1    | _____     |
| ENG 254      | 3       | Creative Writing: Fiction                            | *     | _____     |
| ENG 258W     | 2       | Introduction to Screenwriting                        | *     | _____     |
| IHU 226W     | 3       | Introduction to Film <b>OR</b>                       | *     | _____     |
| LIT 226W     | (3)     | Introduction to Film                                 | *     | _____     |
| <b>26/30</b> |         | <b>SUBTOTAL</b>                                      |       |           |

### One of the following courses is also required:

| Course       | Credits | Course Title                                   | Notes | Completed |
|--------------|---------|--|-------|-----------|
| EMB 175W     | 3       | Genres in Film History                         | *     | _____     |
| ENG 259W     | 2       | Advanced Screenwriting                         | *     | _____     |
| LIT 227W     | 3       | The American Motion Picture                    | *     | _____     |
| PHL 225W     | 3       | Philosophy and Film                            | *     | _____     |
| <b>2/3</b>   |         | <b>SUBTOTAL</b>                                |       |           |
| <b>28/30</b> |         | <b>TOTAL REQUIRED FOR ADVANCED CERTIFICATE</b> |       |           |

## Notations:

\* A "C" minimum grade is required in each course preceded by a "\*" symbol.

1. For students planning on transferring to a 4-year institution ENG 111 and ENG 112 are recommended.
2. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
3. Delta College reserves the right to modify graduation requirements.

# Dual Degrees



## Options:

- **Automotive Service Technology/General Management Associate Degree: DE.30844**
- **Dental Assisting/General Management Associate Degree: DE.30518**
- **Dental Hygiene/General Management Associate Degree: DE.30519**
- **Nursing/General Management Associate Degree: DE.30569**
- **Physical Therapist Assistant/General Management Associate Degree: DE.30575**
- **Radiography/General Management Associate Degree: DE.30546**
- **Respiratory Care/General Management Associate Degree: DE.30578**
- **Surgical Technology/General Management Associate Degree: DE.30550**
- **Diagnostic Medical Sonography/General Management Associate Degree: DE.30547**
- **Health Fitness Education And Promotion/General Management Associate Degree: DE.30710**

## Associate in Applied Science Degree and Associate in Business Studies Degree

Dual associate degrees are available in several Health curricula and the Automotive Service Technology curricula with the General Management Program. Generally, the requirements are completed simultaneously; however, the business courses normally will be completed prior to beginning your clinical sequence. Your diploma will list both the Associate in Applied Science Degree and the Associate in Business Studies Degree.

You will need to earn the required number of credits for your Associate in Applied Science Degree plus 24 credits from the courses below for the Associate in Business Studies Dual Degree.

If you have earned a degree previously, you may not use courses from that degree to satisfy the requirements of a Dual Degree. It is possible that your previous degree may have included one or more of the required business courses. You do not have to retake such classes, but must replace them from the list of approved business courses under the dual degree to complete the additional 24 credits by instruction at Delta College.

### Business Core Requirements for Degree

| Course    | Credits | Course Title  | Notes | Completed |
|-----------|---------|---|-------|-----------|
| ACC 111   | 4       | Introductory Accounting   | 2,3   | _____     |
| <b>OR</b> |         |   |       |           |
| ACC 211   | (4)     | Principles of Accounting I  | 2,3   | _____     |
| CST 133W  | 4       | Computer Concepts & Competencies  | 2,4   | _____     |
| <b>OR</b> |         |   |       |           |
| CST 134   | (3)     | Micro Computers in Business Using MS Office                                 | 2,4   | _____     |
| MGT 153W  | 3       | Introduction to Business  | 2     | _____     |
| MGT 245   | 3       | Principles of Management  | 2     | _____     |
| OAT 151   | 3       | Business Communication I  | 2     | _____     |
| 16/17     |         | Subtotal  |       | _____     |
| 7/8       |         | Select from electives below   |       | _____     |
| <b>24</b> |         | <b>Total Credits Required for Associate in Business Studies Dual Degree</b> |       | _____     |

The remaining 7/8 credits are to be selected from the following courses:

| Course    | Credits | Course Title                          | Notes | Completed |
|-----------|---------|---------------------------------------|-------|-----------|
| ACC 212   | 4       | Principles of Accounting II           |       | _____     |
| ACC 214   | 4       | Microcomputer Accounting Applications |       | _____     |
| CST 104   | 1       | Microsoft Word Foundations            |       | _____     |
| CST 105   | 1       | Outlook                               |       | _____     |
| CST 146   | 2       | Desktop Publishing                    |       | _____     |
| CST 151   | 2       | Spreadsheet Fundamentals              | 4     | _____     |
| <b>OR</b> |         |                                       |       |           |

|           |     |                                     |   |       |
|-----------|-----|-------------------------------------|---|-------|
| CST 155   | (3) | Microsoft EXCEL                     | 4 | _____ |
| CST 204   | 2   | Microsoft Word: Intermediate        |   | _____ |
| CST 257   | 3   | Database MS Access                  |   | _____ |
| ECN 221W  | 4   | Principles of Economics I           |   | _____ |
| MGT 110   | 3   | Business Mathematics                |   | _____ |
| MGT 145   | 3   | Principles of Sales                 |   | _____ |
| MGT 243   | 3   | Principles of Marketing             |   | _____ |
| MGT 251W  | 3   | Business Law I                      |   | _____ |
| MGT 255   | 3   | Conflict Management                 |   | _____ |
| MGT 256   | 3   | Human Resources Management I        |   | _____ |
| MGT 257W  | 3   | Human Resources Management II       |   | _____ |
| MGT 274   | 2   | Computer Aided Decisions            |   | _____ |
| OAT 152   | 3   | Business Communication II           |   | _____ |
| PHL 203W  | 3   | Business Ethics                     |   | _____ |
| <b>OR</b> |     |                                     |   |       |
| PHL 210W  | (2) | Information Technology Ethics & Law |   | _____ |

**24/25 SUBTOTAL**

**Notations:**

**\*A "C" (2.0) minimum grade is required in each asterisked course.**

1. In addition to completing all the courses for an approved applied science program (see above), you must complete a minimum of 24 credits by instruction at Delta College.
2. If a student has already earned credit in one or more of the required courses, the student will select other courses from the list of electives to total 24 credits.
3. Student re-entry procedures are printed in the handbook given to all clinical students.
4. Credits required for a dual degree vary according to the chosen curricula.
5. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
6. Delta College reserves the right to modify graduation requirements.
7. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Electrical Utility Worker

## Options:

- **Electrical Utility Associate Degree: AAS.15813**
- **Electrical Substation Worker Certificate: CTA.35811**



## Associate in Applied Science Degree/ Advanced Certificate

The degree program is designed to prepare you for jobs in the Electrical Utility field. The Electrical Utility Substation program trains you for the duties and tasks required to repair and maintain an electrical utility substation.

### SUBSTATION WORKER CERTIFICATE

#### Required Courses

| Course   | Credits | Course Title   | Notes | Completed |
|----------|---------|--|-------|-----------|
| COM 114W | 3       | Interpersonal Communication                              | *>>   | _____     |
| SKDR 101 | 4       | Sketching and Blueprint Reading                          | *>>   | _____     |
| SKEL 101 | 6       | Basic Electronics  | *>>   | _____     |
| SKEL 102 | 4       | Industrial Electronics                                   | *>>   | _____     |
| SKEL 104 | 2       | Electric Substation Worker Orientation                   | *>>3  | _____     |
| SKEL 111 | 3       | Conventional Controls                                    | *>>   | _____     |
| SKEL 121 | 5       | Advanced Controls I                                      | *>>   | _____     |
| SKEL 131 | 3       | AC/DC Machinery  | *>>   | _____     |
| SKMA 111 | 6       | Applied Integrated Electrical Math I                     | *>>   | _____     |
| SKMA 112 | 3       | Applied Integrated Electrical Mathematics II             | *>>   | _____     |
| SKMA 113 | 3       | Applied Integrated Electrical Math III                   | *>>   | _____     |
| SKMT 101 | 3       | Hydraulics and Pneumatics I                              | *>>   | _____     |
| SKMT 161 | 2       | Industrial Rigging and Safety                            | *>>   | _____     |
| SKTR 181 | 2       | Introduction to Machining Processes                      | *>>   | _____     |
| SKWL 103 | 3       | Introduction to Plasma, Carbon Arc, and Fuel Gas Cutting | *>>   | _____     |
| SKWL 104 | 3       | Introduction to Shielded Metal Arc Welding               | *>>   | _____     |

**55 SUBTOTAL**

### DEGREE REQUIRED COURSES

#### General Education Courses for Substation Worker Program

| Course    | Credits | Course Title   | Notes | Completed |
|-----------|---------|--|-------|-----------|
| ENG ---   | 3/5     | Any Approved College Composition I Course <b>AND</b> |       | _____     |
| ENG 113   | 3       | Technical Communication <b>OR</b>                    | 1     | _____     |
| ENG ---   | (3/5)   | Any Approved College Composition II Course           |       | _____     |
| <b>OR</b> |         |  |       |           |
| OAT 151   | (3)     | Business Communication I <b>AND</b>                  |       | _____     |
| OAT 152   | (3)     | Business Communication II                            |       | _____     |
| LW 220W   | 1       | Lifelong Wellness <b>AND</b>                         |       | _____     |
| LWA ---   | 1       | Any 1 Credit LWA Course                              |       | _____     |
| <b>OR</b> |         |  |       |           |
| LW ---    | (2)     | Any 2 Credit LW Course (As of fall 2007)             |       | _____     |
| POL ---   | 3/4     | Any Approved American Government Requirement         |       | _____     |

**11/16 SUBTOTAL**

55 TOTAL CREDITS REQUIRED FOR ELECTRICAL SUBSTATION WORKER ADVANCED CERTIFICATE

62/71 TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE

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**Notations:**

\* A "C" minimum grade is required in each asterisked course.

>> **A Substation Worker Advanced Certificate will be awarded when courses preceded by a double greater than sign are successfully completed.**

1. ENG 113 is preferred but credit may be earned in other approved College Composition II courses.
2. In addition to the program requirements, utility companies in general require that applicants have a valid driver's license and the ability to obtain a CDL license, pass a drug screening test, and not be a convicted felon. See [http://www.michigan.gov/documents/cdlmanul\\_16090\\_7.pdf](http://www.michigan.gov/documents/cdlmanul_16090_7.pdf)
3. Student is responsible for purchasing flame retardant smock, eyeglasses with shield, hardhat, and leather work boots.
4. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
5. Delta College reserves the right to modify graduation requirements.
6. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Electronic Media Broadcasting (EMB)



## Options:

- **Electronic Media Broadcasting (EMB) Associate Degree: AAA.15340**

## Associate in Applied Arts Degree

The Delta College Electronic Media/Broadcasting program provides students with a broad range of traditional classroom and laboratory learning opportunities as well as hands on experience. The EMB curriculum is designed to provide well balanced instruction in the fields of broadcasting and multimedia production. Beginning with an exploration of the history of radio and television, students then study audio and video production, through which students will gain hands on experience in laboratory and real time operating conditions. The EMB program then concentrates on the growing and ever-changing fields of digital media productions and their practical applications. Students will utilize television production studios and computer labs to produce individual and group productions. The EMB program also offers students a chance to acquire professional experience while in school through internships with commercial radio and TV stations as well as practicum credit through WDCQ-TV/WDCP-TV and WUCX-FM, Delta College's Quality Public Television and Radio stations. Successful completion of the Electronic Media/Broadcasting program will provide students with the fundamental information and experience necessary for entry level positions in communication and information industries. The EMB degree will also provide a strong foundation for a student's further pursuit of a related undergraduate degree. Discussion regarding the best order for you to schedule the courses should be made with a Delta Electronic Media Broadcasting counselor. Check course descriptions for prerequisites. You must complete all required courses in this program.

### General Education Requirements

| Course                | Credits | Course Title   | Notes | Completed |
|-----------------------|---------|--|-------|-----------|
| COM 112W              | 3       | Fundamentals of Oral Communication                   |       | _____     |
| ENG ---               | 3/5     | Any Approved College Composition I Course <b>AND</b> |       | _____     |
| ENG ---               | 3/5     | Any Approved College Composition II Course           |       | _____     |
| ENG 115               | 3       | Mass Media   |       | _____     |
| ECN 221W              | 4       | Principles of Macroeconomics                         |       | _____     |
| LW ---                | 1       | Any 1 Credit LW Course (As of fall 2007)             |       | _____     |
| <b>AND</b>            |         |  |       |           |
| LWA ---               | 1       | Any 1 Credit LWA Course                              |       | _____     |
| <b>OR</b>             |         |  |       |           |
| LW ---                | (2)     | Any 2 Credit LW Course (As of fall 2007)             |       | _____     |
| PHL 205W              | 3       | Media Ethics & Law                                   |       | _____     |
| POL ---               | 3/4     | Any Approved American Government Requirement         |       | _____     |
| <b>24/29 SUBTOTAL</b> |         |  |       |           |

### Basic Program Requirements

| Course                | Credits | Course Title                             | Notes | Completed |
|-----------------------|---------|--|-------|-----------|
| EMB 140               | 3       | Electronic Media History                 |       | _____     |
| EMB 151               | 3       | Media Production I                       | *     | _____     |
| EMB 152               | 2       | Studio Productions                       |       | _____     |
| EMB 153               | 3       | Broadcast Performance                    |       | _____     |
| EMB 154               | 2       | Peripheral Multimedia Applications       |       | _____     |
| EMB 155               | 4       | Media Production II                      | *\$   | _____     |
| EMB 255W              | 4       | Media Production III                     | *     | _____     |
| EMB ---               | 1/3     | Any Approved EMB Practicum or Internship |       | _____     |
| ENG 116               | 3       | News Writing                             | 1     | _____     |
| MGT 143               | 3       | Principles of Advertising                | 2     | _____     |
| <b>28/30 SUBTOTAL</b> |         |  |       |           |

**Approved EMB Practicums/Internships/Electives**

| Course   | Credits | Course Title                         | Notes | Completed |
|----------|---------|--------------------------------------|-------|-----------|
| EMB 141  | 2       | Fundamentals of Audio Production     |       | _____     |
| EMB 161  | 2       | Podcasting, Online, and Mobile Media |       | _____     |
| EMB 175W | 3       | Genres in Film History               |       | _____     |
| EMB 275  | 3       | DVD Design and Authoring             | 3     | _____     |
| EMB 279  | 3       | Advanced Post Production             |       | _____     |
| EMB 281  | 1       | Internship I                         |       | _____     |
| EMB 282  | 2       | Internship II                        |       | _____     |
| EMB 283  | 3       | Internship III                       |       | _____     |
| EMB 284  | 2       | Public Broadcasting Practicum I      |       | _____     |
| EMB 285  | 2       | Public Broadcasting Practicum II     |       | _____     |
| PHL 225W | 3       | Philosophy and Film                  |       | _____     |
| ART 271  | 3       | Digital Imaging I                    |       | _____     |

**3/10**

**62 TOTAL CREDITS REQUIRED FOR ASSOCIATES DEGREE**

**Notations:**

\* **A "C" minimum grade is required in each asterisked course.**

\$ **Key Course: Key courses must be completed within 5 years of completing certificate or degree.**

1. Students may substitute EMB 211 for ENG 116.
2. Students may substitute EMB 227 for MGT 143.
3. You must complete the prerequisite course EMB 155 before enrolling in EMB 275.
4. Based on available facilities and equipment, this program is considered a "limited" enrollment program.
5. If you are planning to transfer, please work closely with the Program Counselor.
6. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
7. Delta College reserves the right to modify graduation requirements.
8. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Entrepreneurship

## Options:

- **Entrepreneurship Certificate: CBZ.35263**



## Certificate of Achievement

This new program is designed specifically for you if you plan to own and manage your own business, or if you currently own a business and want to become more proficient with your skills.

### Basic Program Requirements

| Course    | Credits                                       | Course Title                                  | Notes | Completed |
|-----------|---|---|-------|-----------|
| ENT 101   | 3   | Accounting for Entrepreneurs                  | *     | _____     |
| ENT 131W  | 3   | Entrepreneurship/Small Business Management I  | *     | _____     |
| ENT 132W  | 3   | Entrepreneurship/Small Business Management II | *     | _____     |
| ENT 201   | 3   | Financial Management for Entrepreneurs        | *     | _____     |
| ENT 221W  | 3   | Law for Entrepreneurs                         | *     | _____     |
| MGT 243   | 3   | Principles of Marketing                       | *     | _____     |
| <b>18</b> | <b>SUBTOTAL</b>                               |   |       |           |
| <b>18</b> | <b>TOTAL CREDITS REQUIRED FOR CERTIFICATE</b> |   |       |           |

### Notations:

\* **A "C" minimum grade is required in each asterisked course.**

1. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
2. Delta College reserves the right to modify graduation requirements.

# Environmental Technology

## Options:

- Environmental Technology Associate Degree: AAS.15466
- Environmental Technology Certificate: CSA.35467



## Associate in Applied Science Degree/ Advanced Certificate

Successful completion of the program will prepare you for employment as a hazardous materials technician, safety technician, solid waste technician, recycling technician, or as a team member in environmental consulting firms. Skills and knowledge that you should possess as a result of completing the program include: understanding of the specific safety and environmental regulations related to work environment; familiarity with computers; basic understanding of chemical terminology; ability to read technical materials and translate what is read into action; ability to write comprehensible reports; ability to keep records; ability to make routine mathematical computations; understanding of how environmental regulations are formulated, and understanding of the interrelated nature of environmental problems.

### General Education Courses

| Course                | Credits | Course Title                                 | Notes | Completed |
|-----------------------|---------|--|-------|-----------|
| COM 112W              | 3       | Fundamentals of Oral Communication           |       | _____     |
| <b>OR</b>             |         |  |       |           |
| COM 114W              | (3)     | Interpersonal Communication                  |       | _____     |
| ENG ---               | 3/5     | Any Approved College Composition I Course    | >     | _____     |
| ENG 113               | 3       | Technical Communication                      | >     | _____     |
| GLG 130               | 4       | Environmental Geology (Recommended)          |       | _____     |
| <b>OR</b>             |         |  |       |           |
| GLG 111               | (4)     | Physical Geology                             |       | _____     |
| LW ---                | 1       | Any 1 Credit LW Course (As of fall 2007)     |       | _____     |
| <b>AND</b>            |         |  |       |           |
| LWA ---               | 1       | Any 1 Credit LWA Course                      |       | _____     |
| <b>OR</b>             |         |  |       |           |
| LW ---                | (2)     | Any 2 Credit LW Course (As of fall 2007)     |       | _____     |
| MTH ---               | 4       | Any Approved Intermediate Algebra Course     | 3,4   | _____     |
| MTH 208W              | 3       | Elementary Statistics                        |       | _____     |
| POL ---               | 3/4     | Any Approved American Government Requirement |       | _____     |
| --- ---               | 3       | Electives                                    | 2     | _____     |
| <b>28/31 SUBTOTAL</b> |         |  |       |           |

### Basic Program Requirements

| Course             | Credits | Course Title                              | Notes | Completed |
|--------------------|---------|---|-------|-----------|
| BIO 110W           | 4       | Environmental Science                     | >     | _____     |
| CHM 105W           | 5       | Technical Chemistry I                     | 3>    | _____     |
| CHM 106W           | 5       | Technical Chemistry II                    | 3>    | _____     |
| CST 133W           | 4       | Computer Concepts & Competencies          |       | _____     |
| ENV 100W           | 3       | Environmental Regulations                 | >     | _____     |
| ENV 130W           | 1       | Pollution Prevention                      | >     | _____     |
| ENV 151W           | 2.7     | Hazwoper Training                         | 1>    | _____     |
| ENV 152            | 1.6     | Emergency Response To Industrial Spills   | 1>    | _____     |
| ENV 153            | 1.3     | Confined Space Training                   | 1>    | _____     |
| ENV 154            | 0.4     | Hazardous Materials Shipping And Handling | 1>    | _____     |
| CHM 230            | 4       | Chemical Analysis/Instrumentation         |       | _____     |
| PHY 101            | 4       | Applied Physics                           | >     | _____     |
| <b>36 SUBTOTAL</b> |         |   |       |           |

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## Options/Suggested Electives/Recommended Electives

| Course   | Credits | Course Title                         | Notes | Completed |
|----------|---------|--------------------------------------|-------|-----------|
| BIO 116W | 2       | Winter Ecology                       |       | _____     |
| BIO 119  | 1       | Stream Ecology                       |       | _____     |
| BIO 123  | 2       | Survey Of Michigan Plant Communities |       | _____     |
| BIO 203W | 4       | General Microbiology                 |       | _____     |
| ENV 310W | 3       | Environmental Site Assessments       |       | _____     |
| ENV 320W | 3       | Environmental Management Systems     |       | _____     |

**34/36 TOTAL CREDITS REQUIRED FOR CERTIFICATE**

**64/67 TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE**

### Notations:

**> CERTIFICATE OPTION - A certificate will be awarded when you successfully complete courses preceded by a greater than sign ">"**

1. ENV 151, ENV 152, ENV 153, and ENV 154 are presented as a series of training modules offered through Delta College Corporate Services. All training components are those required and detailed through OSHA Hazardous Training or other State and Federal regulations. Upon presentation of verification of completion of each of these modules to the chairperson of the Science Division, the student will receive the indicated amount of academic credit.
2. Electives: If you are considering transferring to a university, review the Associate in Science degree requirements in the catalog and see a counselor since requirements of various transfer schools differ.
3. If you have high school background in chemistry and math or an acceptable score on the current college assessment instrument that meet this objective you should consider higher level chemistry and math courses. This is particularly important for students who may wish to transfer to a university to pursue a baccalaureate degree. Consult a counselor for appropriate courses and waiver.
4. This requirement can also be met with an acceptable score on the current college assessment instrument. Credits can be replaced from the elective list to meet minimum requirements.
5. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
6. Delta College reserves the right to modify graduation requirements.
7. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Fire Science Technology



## Options:

- Fire Fighter Technician Associate Degree: AAS.25736
- Fire Investigation/Prevention Associate Degree: AAS.25734
- Fire Science Technology Associate Degree: AAS.25731
- Industrial/Commercial Security & Safety Associate Degree: AAS.25733
- Leadership & Training Associate Degree: AAS.25735
- Emergency Medical Services Associate Degree: AAS.25732
- Fire & Industrial Loss Prevention Officer Certificate: CTA.35732

## Associate in Applied Science Degree/ Advanced Certificate

This Associate degree program in Fire Science Technology is designed to provide vocational and technical skills which will provide you with educational credentials for employment or promotional opportunities. Students graduating may enroll in the 3+1 BBA Fire Administration Degree Program. Students may choose two of the options, which will appear on their degree. Students wishing more could complete a second degree with minimum of 24 additional credits.

**Fire Science Technology:** As a student you will embrace a wide range of knowledge leading to the control or prevention of fire and the handling of hazardous materials. This program is designed for the entering college student, the professional fire fighter and persons employed in a broad range of occupations related to fire science and safety. Technical competency prepares you for managerial and leadership positions in municipal, industrial or business entities.

**Emergency Medical Services:** As an Emergency Medical Technician, you will provide basic emergency prehospital care to patients involved in accidents, injuries, or sudden illness. Places of employment include fire and police departments, rescue operations, ambulance services, hospitals, and industrial sites.

**Fire & Industrial Loss Prevention Officer:** As a loss prevention officer you will provide emergency response and security for sites including: medical, hazardous materials, fire, atmospheric sampling, and other duties. In addition, team members conduct audits on lockout tag-out operations, safe work permits, fire inspections, setting up confined space entries, establishing tie off points for fall protection, etc. You can take additional courses to obtain associate and baccalaureate degrees.

**Fire Fighter Technician:** As a Fire Fighter, you will respond to emergency calls, control and extinguish fires, mitigate hazards, protect life and property, and maintain equipment. You will be responsible for proper use and maintenance of equipment, educating the public, responding to emergencies and developing pre-incident plans to protect the community against loss of life and property.

**Fire Investigation/Prevention:** As a Fire Safety Inspector, you will be involved in education, enforcement, engineering and fire investigation. Your work will involve fire safety education, inspecting and enforcing fire codes, plan review, testing of fire protection systems, maintaining exitways, inspecting flammable liquid storage, determining cause and origin of fires and preserving evidence, and testifying in court cases.

**Industrial/Commercial Security and Safety:** You will perform inspections of industrial and commercial buildings to detect fire and safety hazards and make recommendations for improvements for loss prevention management. Your duties will include examining interiors and exteriors of industrial settings for violation of federal, state and local requirements.

**Leadership & Training:** You will provide the command and educational functions for public or private entities. Responsibilities include all major functions at emergency scenes, training of personnel, safety and overall management of resources.

## General Education Courses

| Course     | Credits | Course Title                                 | Notes | Completed |
|------------|---------|--|-------|-----------|
| ENG ---    | 3/5     | Any Approved College Composition I Course    |       | _____     |
| ENG ---    | 3/5     | Any Approved College Composition II Course   |       | _____     |
| <b>OR</b>  |         |  |       |           |
| ENG 113    | (3)     | Technical Communication                      |       | _____     |
| LW ---     | 1       | Any 1 Credit LW Course (As of fall 2007)     |       | _____     |
| <b>AND</b> |         |  |       |           |
| LWA ---    | 1       | Any 1 Credit LWA Course                      | 1     | _____     |
| <b>OR</b>  |         |  |       |           |
| LW ---     | (2)     | Any 2 Credit LW Course (As of fall 2007)     |       | _____     |
| POL ---    | 3/4     | Any Approved American Government Requirement |       | _____     |
| PSY 101W   | 3       | Applied Psychology                           |       | _____     |
| <b>OR</b>  |         |  |       |           |
| COM 112W   | (3)     | Fundamentals of Oral Communication           |       | _____     |
| <b>OR</b>  |         |  |       |           |

COM 114W (3) Interpersonal Communication \_\_\_\_\_

**14/19 SUBTOTAL**

**Fire Science Core Courses**

| Course    | Credits | Course Title                                   | Notes | Completed |
|-----------|---------|--|-------|-----------|
| FST 101W  | 3       | Introduction to the Fire Service               | *     | _____     |
| FST 102W  | 3       | Fireground Tactics                             | *     | _____     |
| FST 103W  | 3       | Building Construction                          | *     | _____     |
| FST 105W  | 3       | Hazardous Materials/Emergency Responder        | *     | _____     |
| FST 107W  | 3       | Fire Protection Systems I                      | *     | _____     |
| CST 133W  | 4       | Computer Concepts & Competencies               | *     | _____     |
| <b>OR</b> |         |  |       |           |
| FST 133W  | (3)     | Computer Aided Management Emergency Operations | *     | _____     |
| FST 219   | 3       | Fire Protection Hydraulics & Water Supply      | *     | _____     |

**21/22 SUBTOTAL**

**I. Fire Fighter Technician Option (Code 25736)**

| Course  | Credits | Course Title            | Notes | Completed |
|---------|---------|-------------------------|-------|-----------|
| FST 111 | 6       | Fire Fighter IA         | *     | _____     |
| FST 112 | 6       | Fire Fighter IB         | *     | _____     |
| FST 211 | 4       | Fire Fighter II         | *     | _____     |
| FST 301 | 1       | Incident Command System | *     | _____     |
| --- --- | 6       | Approved Electives      | 2     | _____     |
| --- --- | 4       | General Electives       |       | _____     |

**27 SUBTOTAL**

**II. Fire Investigation/Prevention Option (Code 25734)**

| Course    | Credits | Course Title                             | Notes | Completed |
|-----------|---------|--|-------|-----------|
| CJ 210W   | 3       | Introduction to Criminal Investigation   | *     | _____     |
| <b>OR</b> |         |  |       |           |
| FST 224W  | (3)     | Fire Investigation                       | *     | _____     |
| FST 205W  | 3       | Hazardous Materials/Emergency Operations | *     | _____     |
| FST 206   | 4       | Confined Space Management & Rescue       | *     | _____     |
| <b>OR</b> |         |  |       |           |
| FST 207W  | (3)     | Fire Protection Systems II               | *     | _____     |
| FST 104W  | 3       | Arson Awareness                          | *     | _____     |
| FST 230   | 3       | Fire Safety Education                    | *     | _____     |
| FST 231   | 3       | Fire Service Law                         | *     | _____     |
| --- ---   | 6       | Approved Electives                       | 2     | _____     |
| --- ---   | 5/6     | General Electives                        |       | _____     |

**29/31 SUBTOTAL**

**III. Fire Science Technology Option (Code 25731)**

| Course  | Credits | Course Title       | Notes | Completed |
|---------|---------|--------------------|-------|-----------|
| --- --- | 18      | Approved Electives | 2     | _____     |
| --- --- | 9       | General Electives  |       | _____     |

**27 SUBTOTAL**

**IV. Industrial/Commerical Security and Safety Option (Code 25733)**

| Course   | Credits | Course Title                             | Notes | Completed |
|----------|---------|--|-------|-----------|
| CJ 182W  | 3       | Introduction to Security                 | *     | _____     |
| FST 205W | 3       | Hazardous Materials/Emergency Operations | *     | _____     |
| FST 206  | 4       | Confined Space Management & Rescue       | *     | _____     |

**OR**

|              |     |                                 |   |       |
|--------------|-----|---------------------------------|---|-------|
| FST 207W     | (3) | Fire Protection Systems II      | * | _____ |
| FST 231      | 3   | Fire Service Law                | * | _____ |
| MIT 118      | 2   | Safety Practices and Procedures | * | _____ |
| --- ---      | 6   | Approved Electives              | 2 | _____ |
| --- ---      | 6/7 | General Electives               |   | _____ |
| <b>26/28</b> |     | <b>SUBTOTAL</b>                 |   |       |

**V. Leadership & Training Option (Code 25735)**

| Course       | Credits | Course Title                           | Notes | Completed |
|--------------|---------|--|-------|-----------|
| MGT 245      | 3       | Principles of Management               | *     | _____     |
| <b>OR</b>    |         |  |       |           |
| FST 203W     | (3)     | Fireground Management                  | *     | _____     |
| FST 280W     | 4       | Company Officer I/II                   | *     | _____     |
| <b>OR</b>    |         |  |       |           |
| FST 206      | (4)     | Confined Space Management & Rescue     | *     | _____     |
| FST 204      | 3       | Fire Service Instructional Methodology | *     | _____     |
| FST 231      | 3       | Fire Service Law                       | *     | _____     |
| FST 104W     | 3       | Arson Awareness                        | *     | _____     |
| <b>OR</b>    |         |  |       |           |
| FST 230      | (3)     | Fire Safety Education                  | *     | _____     |
| --- ---      | 6       | Approved Electives                     | 2     | _____     |
| --- ---      | 5/6     | General Electives                      |       | _____     |
| <b>27/28</b> |         | <b>SUBTOTAL</b>                        |       |           |

**VI. Emergency Medical Services (Code 25732)**

| Course    | Credits | Course Title                                | Notes | Completed |
|-----------|---------|---|-------|-----------|
| EMS 110   | 4       | Basic Emergency Medical Technician I        | *     | _____     |
| EMS 111   | 4       | Basic Emergency Medical Technician II       | *     | _____     |
| EMS 112   | 2       | Basic Emergency Medical Technician III      | *     | _____     |
| EMS 113   | 2       | Basic Emergency Technician Field Experience | *     | _____     |
| FST 301   | 1       | Incident Command System                     | *     | _____     |
| --- ---   | 6       | Approved Electives                          | 2     | _____     |
| --- ---   | 8       | General Electives                           |       | _____     |
| <b>27</b> |         | <b>SUBTOTAL</b>                             |       |           |

**VII. Fire & Industrial Loss Prevention Officer (Code 35732)**

| Course       | Credits | Course Title                                | Notes | Completed |
|--------------|---------|---|-------|-----------|
| CJ 182W      | 3       | Introduction to Security                    | *     | _____     |
| COM 114W     | 3       | Interpersonal Communication                 |       | _____     |
| EMS 110      | 4       | Basic Emergency Medical Technician I        | *     | _____     |
| EMS 111      | 4       | Basic Emergency Medical Technician II       | *     | _____     |
| EMS 112      | 2       | Basic Emergency Medical Technician III      | *     | _____     |
| EMS 113      | 2       | Basic Emergency Technician Field Experience | *     | _____     |
| ENG ---      | 3/5     | Any Approved College Composition I Course   |       | _____     |
| FST 105W     | 3       | Hazardous Materials/Emergency Responder     | *     | _____     |
| FST 111      | 6       | Fire Fighter IA                             | *     | _____     |
| FST 112      | 6       | Fire Fighter IB                             | *     | _____     |
| MIT 118      | 2       | Safety Practices and Procedures             | *     | _____     |
| <b>38/40</b> |         | <b>SUBTOTAL</b>                             |       |           |

**Approved Electives (See Notation #3)**

| Course    | Credits | Course Title   | Notes | Completed |
|-----------|---------|--|-------|-----------|
| CJ 187W   | 3       | Current Issues in Security   | *     | _____     |
| COM 202W  | 3       | Oral Communication for Managers                                    | *     | _____     |
| FST 114   | 0.8     | Firefighter Safety and Survival                                    | *     | _____     |
| FST 115   | 0.8     | Managing Company Tactical Operations: Preparing (MCTO:P)           | *     | _____     |
| FST 116   | 0.8     | Building Construction Principles                                   | *     | _____     |
| FST 117   | 0.8     | Managing Company Tactical Operations:                              | *     | _____     |
| FST 118W  | 0.4     | Records and Reports  | *     | _____     |
| FST 120W  | 1       | Fire Service Educational Methodology                               | *     | _____     |
| FST 213   | 0.8     | Managing Company Tactical Operations: Tactics (MCTO:T)             | *     | _____     |
| FST 214   | 0.8     | Arson Detection for the First Responder                            | *     | _____     |
| FST 215   | 2       | Introduction to Fire Inspection Principles and Practices (IFIPP)   | *     | _____     |
| FST 216   | 0.8     | Building Construction Non-Combustible/Fire Resistive               | *     | _____     |
| FST 217   | 0.8     | Fire Service Supervision: Personal Effectiveness                   | *     | _____     |
| FST 218   | 0.8     | Fire Service Supervision: Team Effectiveness                       | *     | _____     |
| FST 219L  | 1       | Fire Protection Hydraulics & Water Supply Lab                      |       | _____     |
| FST 220   | 1       | Strategy & Tactics for Initial Company Officer                     | *     | _____     |
| FST 240   | 2       | Internship in Fire Science   | *     | _____     |
| FST 301   | 1       | Incident Command System  | *     | _____     |
| FST 300W  | 3       | Fire Officer III   | *     | _____     |
| <b>OR</b> |         |  |       |           |
| FST 302   | (1)     | Leadership I Strategies for Company Success <b>AND</b>             | *     | _____     |
| FST 303   | (1)     | Leadership II Strategies for Personal Success <b>AND</b>           | *     | _____     |
| FST 304   | (1)     | Leadership III Strategies for Supervisory Success <b>AND</b>       | *     | _____     |
| FST 305   | (1)     | Firefighter Health and Safety: Program Implementation & Management | *     | _____     |
| FST 306   | 1       | Shaping the Future   | *     | _____     |
| QA 191    | 1       | Quality Teamwork   | *     | _____     |
| FST 307   | 1       | Incident Safety Officer  | *     | _____     |
| FST 308   | 1       | Health and Safety Officer  | *     | _____     |
| FST 332W  | 3       | Advanced Fire Administration                                       | *     | _____     |
| FST 334W  | 4       | Fire Prevention Organization & Management                          | *     | _____     |
| FST 338W  | 3       | Contemporary Issues In The Fire Service                            | *     | _____     |
| MGT 153W  | 3       | Introduction to Business   |       | _____     |
| MGT 243   | 3       | Principles of Marketing  | *     | _____     |
| MGT 265   | 3       | International Business   | *     | _____     |
| PHL 203W  | 3       | Business Ethics  | *     | _____     |

**62 TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE****38/40 TOTAL CREDITS REQUIRED FOR ADVANCED CERTIFICATE****Notations:****\* A "C" (2.0) minimum grade is required in each asterisked course.**

1. Recommended Life Long Wellness (LWA) classes are LWA 111, 172, 173 or 174.
2. Approved Fire Science Technology (FST) electives can be any combination of required (non-elective) courses in the other options and those listed as approved electives.
3. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
4. Delta College reserves the right to modify graduation requirements.
5. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Global Peace Studies

## Options:

- **Global Peace Studies Certificate: CSZ.35400**
- **Associate in Arts Degree: AA.40000**



## Associate in Arts Degree/ Certificate of Achievement

This degree prepares students to understand the complexity of global issues and become agents of positive change. Students will examine factors that influence peace and conflict, ecological sustainability and social and economic justice in our world. Students will broaden their knowledge base but also develop cross-cultural understanding and skills in community building, conflict mediation and solution creation that can be applied at the individual, local, and global levels. Students must take 8-12 hours within their selected Track.

Track 1: International Business (2+2 Transfer) focuses on the global business environment, including trade, finance, law, marketing, management, culture, and comparative economic systems.

Track 2: Global Environment (2+2 Transfer) focuses on factors influencing environmental transformation and exploitation, and explores solutions to environmental problems.

Track 3: Human Services/Social Justice (2+2 Transfer) focuses on obtaining the knowledge and skill to identify and meet human needs in a variety of social and cultural settings.

Track 4: International Relations (2+2 Transfer) focuses on exploring the sources of international conflict and the necessary conditions for enhancing peace and cooperation among nations.

Curriculum for the Associate in Arts degree is recommended for this program. Please check for transferability with your intended institution or see Advising and Counseling.

### General Education Core Courses

| Course       | Credits | Course Title   | Notes | Completed |
|--------------|---------|--|-------|-----------|
| ENG ---      | 3/5     | Any Approved College Composition I Course <b>AND</b> | *     | _____     |
| ENG ---      | 3/5     | Any Approved College Composition II Course           | *     | _____     |
| <b>OR</b>    |         |  |       |           |
| ENG ---      | (3/5)   | Any Approved College Composition I Course <b>AND</b> | *     | _____     |
| ENG 113      | (3)     | Technical Communication                              | *     | _____     |
| LW ---       | 1       | Any 1 Credit LW Course (As of fall 2007) <b>AND</b>  | *     | _____     |
| LWA ---      | 1       | Any 1 Credit LWA Course                              | *     | _____     |
| <b>OR</b>    |         |  |       |           |
| LW ---       | (2)     | Any 2 Credit LW Course (As of fall 2007)             | *     | _____     |
| --- ---      | 8       | Natural Science Electives                            | *1, 2 | _____     |
| --- ---      | 7       | General Electives                                    | *4    | _____     |
| <b>23/27</b> |         | <b>SUBTOTAL</b>                                      |       |           |

### Core Courses

| Course    | Credits | Course Title                                   | Notes | Completed |
|-----------|---------|--|-------|-----------|
| IHU 120W  | 3       | Introduction to Global Peace Studies <b>OR</b> | *>3   | _____     |
| SSI 120W  | (3)     | Introduction to Global Peace Studies           | *>    | _____     |
| IHU 240W  | 3       | Leadership for Positive Change <b>OR</b>       | *>3   | _____     |
| SSI 240W  | (3)     | Leadership for Positive Change                 | *>    | _____     |
| POL 225W  | 3       | World Politics                                 | *>    | _____     |
| --- ---   | 8       | Any Foreign Language I and II                  | *5    | _____     |
| <b>17</b> |         | <b>SUBTOTAL</b>                                |       |           |

The following courses are STRONGLY recommended in fulfilling the Global Peace Studies AA degree General Education requirements. Many of the courses also fulfill Global Peace Studies track requirements.

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**Recommended Electives**

| Course   | Credits | Course Title                                    | Notes | Completed |
|----------|---------|---|-------|-----------|
| BIO 110W | 4       | Environmental Science                           |       | _____     |
| COM 112  | 3       | Any Approved Fundamentals of Oral Communication |       | _____     |
| ECN 221W | 4       | Principles of Macroeconomics                    |       | _____     |
| PHL 213W | 3       | Introduction to Ethics                          |       | _____     |
| PSY 211W | 4       | General Psychology <b>OR</b>                    |       | _____     |
| SOC 211W | (3)     | Principles of Sociology                         |       | _____     |
| --- ---  | 3/4     | Courses in Art, Literature, or Music            |       | _____     |

In addition to the core courses, an additional 8-12 credits from the Track of your choice are required for the Associate Degree. Consult with Academic Advising for specific 2+2 or 3+1 Transfer requirements.

**Track 1: International Business (2+2 or 3+1 Transfer) See note 6 below.**

| Course      | Credits | Course Title                                    | Notes | Completed |
|-------------|---------|---|-------|-----------|
| ACC 211     | 4       | Principles of Accounting I                      | *     | _____     |
| ACC 212     | 4       | Principles of Accounting II                     | *     | _____     |
| COM 112     | 3       | Any Approved Fundamentals of Oral Communication | *     | _____     |
| CST 133W    | 4       | Computer Concepts & Competencies                | *     | _____     |
| ECN 221W    | 4       | Principles of Macroeconomics                    | *     | _____     |
| ECN 222W    | 4       | Principles of Microeconomics                    | *     | _____     |
| MGT 243     | 3       | Principles of Marketing                         | *     | _____     |
| MGT 245     | 3       | Principles of Management                        | *     | _____     |
| MGT 251W    | 3       | Business Law I                                  | *     | _____     |
| MGT 265     | 3       | International Business                          | *     | _____     |
| MTH 208W    | 3       | Elementary Statistics                           | *     | _____     |
| MTH 120     | 3       | Finite Mathematics <b>OR</b>                    | *     | _____     |
| MTH 122W    | (4)     | College Algebra                                 | *     | _____     |
| PHL 203W    | 3       | Business Ethics <b>OR</b>                       | *     | _____     |
| PHL 213W    | (3)     | Introduction to Ethics                          | *     | _____     |
| --- ---     | 8       | Any Foreign Language III & IV                   | *5    | _____     |
| <b>8/12</b> |         | <b>SUBTOTAL</b>                                 |       |           |

**Track 2: Global Environment (2+2 Transfer) Taken in at least two subject areas. Include at least one lab course.**

| Course      | Credits | Course Title                                  | Notes | Completed |
|-------------|---------|---|-------|-----------|
| BIO 110W    | 4       | Environmental Science                         | *4    | _____     |
| BIO 119     | 1       | Stream Ecology                                | *     | _____     |
| ENV 105     | 3       | Introduction To Environmental Health & Safety | *     | _____     |
| ENV 130W    | 1       | Pollution Prevention                          | *     | _____     |
| GEO 111     | 4       | Physical Geography                            | *     | _____     |
| GEO 113W    | 4       | World Cultural Geography                      | *     | _____     |
| GEO 222     | 3       | Geography of Asia <b>OR</b>                   | *     | _____     |
| GEO 223     | (3)     | Geography of Europe <b>OR</b>                 | *     | _____     |
| GEO 226     | (3)     | Geography of United States and Canada         | *     | _____     |
| <b>8/12</b> |         | <b>SUBTOTAL</b>                               |       |           |

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**Track 3: Human Services/Social Justice (2+2 Transfer)**

| Course      | Credits | Course Title   | Notes | Completed |
|-------------|---------|--|-------|-----------|
| HIS 215W    | 3       | Recent African-American History: Since 1850                      | *     | _____     |
| HIS 217W    | 3       | Hispanics in the U.S.  | *     | _____     |
| HIS 225W    | 3       | History of Women and Gender in the West                          | *     | _____     |
| IHU 202     | 3       | Women's Studies  | *     | _____     |
| IHU 232W    | 3       | Exploring Human Nature <b>OR</b>                                 | *     | _____     |
| SSI 232W    | (3)     | Exploring Human Nature   | *     | _____     |
| IHU 234W    | 4       | World Religions <b>OR</b>  | *     | _____     |
| SSI 234W    | (4)     | World Religions  | *     | _____     |
| IHU 280W    | 2       | Exploring Diversity <b>OR</b>                                    | *     | _____     |
| SSI 288W    | (2)     | Exploring Diversity <b>OR</b>                                    | *     | _____     |
| IHU 281W    | 3       | Exploring Diversity/With Project <b>OR</b>                       | *     | _____     |
| SSI 289W    | (3)     | Exploring Diversity/With Project                                 | *     | _____     |
| LIT 269W    | 3       | Native North American Literature                                 | *     | _____     |
| LIT 278W    | 3       | Modern African-American Literature                               | *     | _____     |
| LIT 285W    | 3       | Women in Literature  | *     | _____     |
| POL 220W    | 3       | Minority Group Politics  | *     | _____     |
| SOC 215W    | 3       | Sociology of Minority Groups                                     | *     | _____     |
| SOC 300W    | 3       | Interviewing, Counseling, and the Helping Relationship <b>OR</b> | *     | _____     |
| PSY 300W    | (3)     | Interviewing, Counseling, and the Helping Relationship           | *     | _____     |
| SPA 101     | 2       | Hispanic Civilizations   | *     | _____     |
| <b>8/12</b> |         | <b>SUBTOTAL</b>  |       |           |

**Track 4: International Relations**

| Course       | Credits | Course Title                                       | Notes | Completed |
|--------------|---------|--|-------|-----------|
| GEO 113W     | 4       | World Cultural Geography                           | *     | _____     |
| GEO 255W     | 4       | Third World Development <b>OR</b>                  | *     | _____     |
| SOC 265W     | (4)     | Third World Development                            | *     | _____     |
| HIS 112W     | 4       | A Survey of Later Western Civilization             | *     | _____     |
| IHU 234W     | 4       | World Religions <b>OR</b>                          | *     | _____     |
| SSI 234W     | (4)     | World Religions                                    | *     | _____     |
| LIT 260W     | 3       | Literature and History of the Holocaust            | *     | _____     |
| POL 221W     | 3       | Comparative Government                             | *     | _____     |
| POL 222      | 3       | Politics of the Middle East                        | *     | _____     |
| POL 229W     | 3       | Political Terrorism                                | *     | _____     |
| SOC 231W     | 3       | Cultural Anthropology                              | *     | _____     |
| <b>8/12</b>  |         | <b>SUBTOTAL</b>                                    |       |           |
| <b>9</b>     |         | <b>TOTAL CREDITS REQUIRED FOR CERTIFICATE</b>      |       |           |
| <b>62/69</b> |         | <b>TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE</b> |       |           |

**Notations:**

\* A "C" minimum grade is required in each asterisked course.

>Global Peace Studies Certificate Option: A Certificate of Achievement will be awarded upon successful completion of these courses.

1. Track 2 courses meet Natural Science requirement in General Education Core Courses.
2. See Section IV, Academic Policies, Graduation Requirements, Group Requirements for approved courses. You may qualify for MACRAO. Apply online or at the Registrar's Office.
3. To complete the "Group Requirement" graduation requirement in Humanities take the IHU version. See Section IV, Academic Policies, Graduation Requirements, Group Requirements for approved courses.
4. Those students who use Track 2 to complete Natural Science electives will need to complete 15 hours of electives. BIO 110 is required as one of your electives for Track 2.
5. 3+1 Transfer may require Spanish as the foreign language requirement. One full year (8 credits) are required of a foreign language for the 2+2 transfer, and two full years (16 credits) are required for the 3+1 transfer. Check with a counselor for your program.
6. All of the courses in Track 1 must be taken to qualify for the 3+1 transfer.

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7. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
  8. Delta College reserves the right to modify graduation requirements.
  9. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Group Fitness Instructor



## Options:

- **Group Fitness Instructor Certificate: CSA.35740**

## Advanced Certificate

Today's fitness industry is rapidly growing. Being a group exercise instructor is no longer about teaching aerobics. The modern group fitness instructor may be expected to teach a variety of specialties such as step aerobics, indoor cycling, yoga, Pilates, cardio kickboxing, weight training and conditioning, stability ball, and senior or child fitness classes. This program will offer the education and certification to teach safe and effective exercise to a wide variety of populations. An understanding of human anatomy and physiology will also be included. Upon completion of this program, you will be eligible to sit for the American Council on Exercise (ACE) certification exam.

## Basic Program Requirements

| Course     | Credits | Course Title                                    | Notes | Completed |
|------------|---------|---|-------|-----------|
| BIO 101W   | 4       | Introduction to Anatomy and Physiology          | *     | _____     |
| <b>OR</b>  |         |   |       |           |
| BIO 152W   | (4)     | Human Anatomy & Physiology I                    | *     | _____     |
| <b>OR</b>  |         |   |       |           |
| BIO 140W   | (5)     | Essentials Of Human Anatomy & Physiology        | *     | _____     |
| COM 112    | 3       | Any Approved Fundamentals of Oral Communication | *     | _____     |
| HSC 140    | 2       | Basic Medical Emergencies                       | *     | _____     |
| <b>OR</b>  |         |   |       |           |
| LWT 165    | (1)     | Community First Aid                             | *     | _____     |
| <b>AND</b> |         |   |       |           |
| LWT 170    | (1)     | Basic Life Support for the Health Care Provider | *     | _____     |
| LWA 151    | 2       | Kick Boxing                                     | *     | _____     |
| LWA 152    | 1.5     | Astanga Yoga                                    | *     | _____     |
| LWA 153    | 1       | Dance Aerobics                                  | *     | _____     |
| <b>OR</b>  |         |   |       |           |
| LWA 157    | (1)     | Step Aerobics                                   | *     | _____     |
| LWA 156W   | 1       | Stability Ball Training                         | *     | _____     |
| LWA 158    | 1       | Pilates   | *     | _____     |
| LW 220W    | 1       | Lifelong Wellness                               | *     | _____     |
| LWT 210    | 3       | Nutrition: The Science of Optimal Living        | *     | _____     |
| LWT 230    | 3       | Theory of Strength and Conditioning             | *     | _____     |
| LWT 242    | 4       | Group Fitness Instructor                        | *     | _____     |

**26.5/27.5 TOTAL CREDITS REQUIRED FOR CERTIFICATE**

## Notations:

\* **A "C" minimum grade is required in each asterisked course.**

1. Current CPR certification is required for admission to the program and must be maintained throughout the program.
2. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
3. Delta College reserves the right to modify graduation requirements.

# Health Fitness Specialist

## Options:

- Health Fitness Specialist Associate Degree: AAS.25710



## Associate in Applied Science Degree

This degree can stand alone or can lead to a bachelor's degree in Health Fitness, Exercise Physiology, or related field. The program prepares students to sit for two of the most nationally recognized fitness certification exams: The National Strength and Conditioning Association - Certified Personal Trainer Exam, and the American College of Sports Medicine - Certified Personal Trainer or Health Fitness Specialist Exam. This program will give the health fitness student the fundamental knowledge of exercise physiology; human anatomy and physiology; biomechanics; prevention and treatment of exercise-related injuries; CPR, First Aid, and AED readiness skills; health appraisals and assessments; application of fitness principles and strength training; applicable knowledge of nutrition, weight management, stress management, and self-employment; skills in health fitness assessment, as well as designing and leading endurance and strength programs for diverse populations. In addition, upon completion of this associate degree, the health fitness specialist will also have attained the Delta College Personal Trainer Certificate.

### General Education Courses

| Course                | Credits | Course Title                                 | Notes | Completed |
|-----------------------|---------|--|-------|-----------|
| BIO 111W              | 4       | Principles of Biology                        | *     | _____     |
| CHM 101W              | 5       | General Chemistry I                          | *     | _____     |
| COM 112W              | 3       | Fundamentals of Oral Communication           | *     | _____     |
| ENG ---               | 3/5     | Any Approved College Composition I Course    | *     | _____     |
| ENG ---               | 3/5     | Any Approved College Composition II Course   | *     | _____     |
| POL ---               | 3/4     | Any Approved American Government Requirement | *     | _____     |
| PSY 211W              | 4       | General Psychology                           | *     | _____     |
| --- ---               | 0/1     | Any Social Science Elective                  | *4    | _____     |
| --- ---               | 5       | Any Humanities Elective (except for COM)     | *4    | _____     |
| <b>30/36 SUBTOTAL</b> |         |  |       |           |

### Basic Program Requirements

| Course                  | Credits | Course Title                                | Notes | Completed |
|-------------------------|---------|---|-------|-----------|
| BIO 152W                | 4       | Human Anatomy & Physiology I                | *     | _____     |
| BIO 153W                | 4       | Human Anatomy & Physiology II               | *     | _____     |
| LW 220W                 | 1       | Lifelong Wellness                           | *     | _____     |
| LWT 165                 | 1       | Community First Aid                         | *     | _____     |
| <b>AND</b>              |         |   |       |           |
| LWT 170                 | 1       | BLS for the Health Care Provider            | *     | _____     |
| <b>OR</b>               |         |   |       |           |
| HSC 140                 | (2)     | Basic Medical Emergencies                   | *     | _____     |
| LWT 210                 | 3       | Nutrition: The Science of Optimal Living    | *     | _____     |
| LWT 230                 | 3       | Theory of Strength and Conditioning         | *     | _____     |
| LWT 240                 | 4       | Health Fitness Instructor/Personal Trainer  | *     | _____     |
| LWT 242                 | 4       | Group Fitness Instructor                    | *     | _____     |
| LWT 251                 | 4       | Exercise Physiology                         | *     | _____     |
| LWT 255                 | 3       | Health Fitness Management and Promotion     | *     | _____     |
| LWT 260                 | 5       | Health Fitness Experience                   | *2    | _____     |
| LWA ---                 | 1       | Lifelong Wellness Elective from Category A: |       | _____     |
| LWA ---                 | 1       | Lifelong Wellness Elective from Category B: |       | _____     |
| <b>39/39.5 SUBTOTAL</b> |         |   |       |           |

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**LWA Electives - Category A (Choose from this list for Basic Program Requirements)**

| Course  | Credits | Course Title          | Notes | Completed |
|---------|---------|-----------------------|-------|-----------|
| LWA 101 | 1       | Fitness for Life      | *     | _____     |
| LWA 106 | 1       | Athletic Conditioning | *     | _____     |
| LWA 108 | 1       | Weight Training       | *     | _____     |
| LWA 111 | 1       | Circuit Training      | *     | _____     |

**LWA Electives - Category B (Choose from this list for Basic Program Requirements)**

| Course   | Credits | Course Title            | Notes | Completed |
|----------|---------|-------------------------|-------|-----------|
| LWA 151  | 1       | Kick Boxing             | *     | _____     |
| LWA 152  | 1.5     | Astanga Yoga            | *     | _____     |
| LWA 153  | 1       | Dance Aerobics          | *     | _____     |
| LWA 154W | 1       | BOSU Ball Training      | *     | _____     |
| LWA 156W | 1       | Stability Ball Training | *     | _____     |
| LWA 157  | 1       | Step Aerobics           | *     | _____     |
| LWA 158  | 1       | Pilates                 | *     | _____     |

**69/75.5 TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE****Notations:****\* A "C" (2.0) minimum grade is required in each asterisked course.**

1. In addition to tuition, fees, and textbook costs, you may have to purchase special shoes, shirts, nametags, and provide transportation to all internship sites.
2. Current CPR certification is required for admission to LWT 260. Current CPR certification must be maintained throughout the program.
3. You need to be aware that internship assignments may be outside the Tri-county area.
4. See College catalog for graduation and MACRAO requirements.
5. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
6. Delta College reserves the right to modify graduation requirements.
7. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Industrial Technology Education

## Options:

- Industrial Technology Education Associate Degree: AAS.15710



## Associate in Applied Science Degree

The industrial technology major for teachers includes coursework to develop technical competence in the technical core of Manufacturing, Construction, Communications, and Power/Energy. It also includes a professional core of coursework directly related to teaching technology to children and youth in public schools of Michigan.

### General Education Courses

| Course       | Credits | Course Title                                 | Notes | Completed |
|--------------|---------|--|-------|-----------|
| ENG ---      | 3/5     | Any Approved College Composition I Course    | *     | _____     |
| ENG ---      | 3/5     | Any Approved College Composition II Course   | *     | _____     |
| POL ---      | 3/4     | Any Approved American Government Requirement | *     | _____     |
| LW ---       | 1       | Any 1 Credit LW Course (As of fall 2007)     |       | _____     |
| <b>AND</b>   |         |  |       |           |
| LWA ---      | 1       | Any 1 Credit LWA Course                      |       | _____     |
| <b>OR</b>    |         |  |       |           |
| LW ---       | (2)     | Any 2 Credit LW Course (As of fall 2007)     |       | _____     |
| PSY 211W     | 4       | General Psychology                           | *     | _____     |
| MTH ---      | 4       | Any Approved Intermediate Algebra Course     | *     | _____     |
| <b>19/24</b> |         | <b>SUBTOTAL</b>                              |       |           |

### Basic Program Requirements

| Course       | Credits | Course Title   | Notes | Completed |
|--------------|---------|--|-------|-----------|
| AUT 100      | 3       | Introduction to Automotive Service   | *     | _____     |
| RC 104       | 3       | Construction Lab   | *     | _____     |
| RC 205       | 5       | Cabinet Making and Millwork  | *     | _____     |
| CAD 114      | 2       | Introduction to CAD  | *     | _____     |
| <b>OR</b>    |         |  |       |           |
| ARC 114      | (2)     | Architectural AutoCAD 2D Basics  | *     | _____     |
| ARC 105      | 4       | Architectural Drafting I   | *     | _____     |
| <b>OR</b>    |         |  |       |           |
| DRF 104      | (4)     | Basic Mechanical Design  | *     | _____     |
| <b>OR</b>    |         |  |       |           |
| DRF 105      | (3)     | Beginning Mechanical Drafting  | *     | _____     |
| MS 114W      | 3       | Industrial Technology Machine Tools  | *     | _____     |
| MIT 111W     | 3       | Manufacturing Processes  | *     | _____     |
| EET 235      | 3       | Electrical Circuits  | *     | _____     |
| ARC 101      | 3       | Materials and Methods of Construction  | *     | _____     |
| WELD 103     | 3       | Introduction to Plasma, Carbon Arc, and Fuel Gas Cutting                         | *     | _____     |
| <b>OR</b>    |         |  |       |           |
| WELD 104     | (3)     | Introduction to Shielded Metal Arc Welding                                       | *     | _____     |
| ED 200BW     | 3       | Exploratory Teaching (Secondary)   | *     | _____     |
| ITE 330      | 3       | Careers and Technology for Children  | *     | _____     |
| ITE 340      | 3       | Teaching Methods and Strategies in Industrial/Technical Education                | *     | _____     |
| ITE 350      | 3       | Curriculum Development and Facility Planning in Industrial/Technical Education * |       | _____     |
| <b>43/44</b> |         | <b>SUBTOTAL</b>  |       |           |
| <b>62/68</b> |         | <b>TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE</b>                               |       |           |

### Notations:

\* A "C" minimum grade is required in each asterisked course.

1. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.

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2. Delta College reserves the right to modify graduation requirements.
  3. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# International Studies



## Options:

- **International Studies Certificate: CSA.35493**
- **With Foreign Language Skills: .**
- **Without Foreign Language Skills: .**

## Advanced Certificate

While pursuing your individual program of studies as a Delta College student, you can earn an "add-on" Certificate in International Studies by successfully completing applicable courses from designated sets (A, B, C) of present Delta courses (or their equivalents). This program is designed to: 1) provide students a wider and deeper range of international awareness and knowledge; 2) promote an interest in other cultures and places; 3) promote an interest in foreign languages; 4) lay the groundwork for future international learning options for you as a Delta graduate, and 5) enhance employment opportunities. The Certificate in International Studies is an "add-on" to the credential for your present program of studies. Courses/credits you already have may be applicable toward the certificate requirements.

### Basic Certificate Program Requirements

| Course    | Credits | Course Title                           | Notes | Completed |
|-----------|---------|--|-------|-----------|
| GEO 113   | 4       | World Cultural Geography               | *     | _____     |
| HIS 112W  | 4       | A Survey of Later Western Civilization | *     | _____     |
| ---       | 6       | Choose From Set B Courses              |       | _____     |
| <b>14</b> |         | <b>SUBTOTAL</b>                        |       |           |

### OPTION 1 - Without Foreign Language Skills

| Course    | Credits | Course Title                                | Notes | Completed |
|-----------|---------|---|-------|-----------|
| ---       | 10      | 3 Courses - any combination from Sets A,B,C |       | _____     |
| <b>24</b> |         | <b>OPTION 1 TOTAL</b>                       |       |           |

### OPTION 2 - With Foreign Language Skills

| Course       | Credits | Course Title                        | Notes | Completed |
|--------------|---------|-------------------------------------|-------|-----------|
| ---          | 8       | Foreign Language, 8 cr. (see Set A) |       | _____     |
| ---          | 2/3     | 1 course - from Set B or C          |       | _____     |
| <b>24/25</b> |         | <b>OPTION 2 TOTAL</b>               |       |           |

See below for sets A, B, and C of designated courses:

### SET A: Foreign Languages (8 cr. Required for Option 2). A two semester sequence is highly recommended.

| Course | Credits | Course Title  | Notes | Completed |
|--------|---------|---------------|-------|-----------|
| ---    | 4       | French (FR)   |       | _____     |
| ---    | 4       | German (GE)   |       | _____     |
| ---    | 4       | Russian (RUS) |       | _____     |
| ---    | 2/4     | Spanish (SPA) |       | _____     |

### SET B: Broad scope Global/International courses (some not offered every semester)

| Course    | Credits | Course Title                           | Notes | Completed |
|-----------|---------|--|-------|-----------|
| ECN 268W  | 4       | International Studies in Economics     |       | _____     |
| GEO 111   | 4       | Physical Geography                     |       | _____     |
| GEO 255   | 4       | Third World Development                |       | _____     |
| <b>OR</b> |         |  |       |           |
| SOC 265   | (4)     | Third World Development                |       | _____     |
| HIS 111W  | 4       | A Survey of Early Western Civilization |       | _____     |
| MGT 265   | 3       | International Business                 |       | _____     |
| POL 221W  | 3       | Comparative Government                 |       | _____     |
| POL 225W  | 3       | World Politics                         |       | _____     |
| SOC 231   | 3       | Cultural Anthropology                  | 1     | _____     |

**Set C: Specialized Global/International courses and/or NOT regularly offered courses**

| Course    | Credits | Course Title   | Notes | Completed |
|-----------|---------|--|-------|-----------|
| ARC 101   | 3       | Materials and Methods of Construction                      |       | _____     |
| <b>OR</b> |         |  |       |           |
| RC 102    | (3)     | Building Materials   |       | _____     |
| BIO 230   | 4       | Physical Anthropology And Archeology                       |       | _____     |
| <b>OR</b> |         |  |       |           |
| SOC 230   | (4)     | Physical Anthropology and Archeology                       |       | _____     |
| BIO 268   | 4       | International Studies In Biology                           |       | _____     |
| ECN 268W  | 1-4     | International Studies in Economics                         |       | _____     |
| GEO 105   | 4       | Human Geography  |       | _____     |
| GEO 222   | 3       | Geography Of Asia  |       | _____     |
| GEO 223   | 3       | Geography Of Europe  |       | _____     |
| GEO 226   | 3       | Geography Of United States And Canada                      |       | _____     |
| GEO 260   | 3       | Geography Of The Pacific Islands                           |       | _____     |
| GEO 262   | 1       | The Geography Of The Canadian Shield                       |       | _____     |
| GEO 264   | 4       | The Geography Of The Western United States And Canada      |       | _____     |
| GEO 268   | 4       | International Studies In Geography                         |       | _____     |
| GLG 268   | 4       | International Studies In Geology                           |       | _____     |
| HIS 214   | 3       | Early African-American History Pre-European Africa to 1877 |       | _____     |
| HIS 217   | 3       | Hispanics in the U.S.                                      |       | _____     |
| HIS 268W  | 3       | International Studies in History                           |       | _____     |
| HIS 275   | 3       | The Vietnam War  |       | _____     |
| IHU 161   | 1       | Projects in Cross-Cultural Learning                        |       | _____     |
| <b>OR</b> |         |  |       |           |
| SOC 161   | (1)     | Projects in Cross-Cultural Learning                        |       | _____     |
| IHU 162   | 2       | Projects in Cross-Cultural Learning                        |       | _____     |
| <b>OR</b> |         |  |       |           |
| SOC 162   | (2)     | Projects in Cross-Cultural Learning                        |       | _____     |
| LIT 241W  | 3       | Introduction to Mythology                                  |       | _____     |
| LIT 242W  | 3       | Introduction to British Literature                         |       | _____     |
| LIT 245W  | 3       | Biblical Literature: Old Testament                         |       | _____     |
| LIT 246W  | 3       | Biblical Literature: New Testament                         |       | _____     |
| LIT 268   | 4       | International Studies in Literature                        |       | _____     |
| MGT 268   | 1-4     | International Studies in Business                          |       | _____     |
| POL 222   | 3       | Politics of the Middle East                                |       | _____     |
| POL 229W  | 3       | Political Terrorism  |       | _____     |
| POL 268W  | 4       | International Studies in Political Science                 |       | _____     |
| SOC 265   | 4       | Third World Development                                    |       | _____     |
| <b>OR</b> |         |  |       |           |
| GEO 255   | (4)     | Third World Development                                    |       | _____     |
| SOC 268   | 1-4     | International Studies in Sociology                         |       | _____     |
| SPA 101   | 2       | Hispanic Civilizations                                     |       | _____     |
| SPA 275   | 3       | Introduction of Hispanic Fiction                           |       | _____     |

**24 TOTAL CREDITS REQUIRED FOR CERTIFICATE**

**Notations:**

\* A "C" minimum grade is required in each asterisked course.

- 
1. SOC 231 – Cultural Anthropology – is a highly recommended “Basic Program” elective.
  2. The semester hours for the Certificate in International Studies are calculated by adding the TOTAL hours earned from successful completion of the courses listed as Basic Certificate Program Requirements, and courses from Sets A,B, or C (or their equivalents) as appropriate for any individual student.
  3. Questions regarding this program may be directed to the Director of International/Intercultural Programs or the Counseling Office.
  4. File an application for an associate or dual degree and/or certificate with the Registrar’s Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
  5. Delta College reserves the right to modify graduation requirements.

# Journalism and Emerging Media



## Options:

- Associate in Arts Associate Degree: AA.40000
- Journalism and Emerging Media Certificate: CEA.35324

## Associate in Arts Degree/Certificate of Achievement

The Journalism and Emerging Media program prepares you to report, write and display information using traditional journalistic principles combined with the most effective current technology.

Curriculum for the Associate in Arts degree is recommended for this program. Please check for transferability with your intended institution or see Advising and Counseling.

### General Education Requirements

| Course       | Credits | Course Title  | Notes | Completed |
|--------------|---------|---|-------|-----------|
| COM 112W     | 3       | Fundamentals of Oral Communication                  |       | _____     |
| ECN 221W     | 4       | Principles of Macroeconomics                        |       | _____     |
| ENG ---      | 3/5     | Any Approved College Composition I Course           |       | _____     |
| ENG ---      | 3/5     | Any Approved College Composition II Course          |       | _____     |
| LW ---       | 1       | Any 1 Credit LW Course (As of fall 2007) <b>AND</b> |       | _____     |
| LWA ---      | 1       | Any 1 Credit LWA Course <b>OR</b>                   |       | _____     |
| LW ---       | (2)     | Any 2 Credit LW Course (As of fall 2007)            |       | _____     |
| MTH ---      | 3/4     | Any Approved Intermediate Algebra Course            | 1     | _____     |
| POL ---      | 3/4     | Any Approved American Government Requirement        | 2     | _____     |
| <b>21/27</b> |         | <b>SUBTOTAL</b>                                     |       |           |

### Basic Program Requirements

| Course    | Credits | Course Title                    | Notes | Completed |
|-----------|---------|---------------------------------|-------|-----------|
| PHL 205W  | 3       | Media Ethics & Law              | >*    | _____     |
| ART 271   | 3       | Digital Imaging I               | >*    | _____     |
| ART 276   | 3       | Electronic Page Design          | >*    | _____     |
| CST 110   | 1       | Web Page Development Using HTML | >*    | _____     |
| CST 210   | 2       | Advanced Web Page Development   | >*    | _____     |
| EMB 151   | 3       | Media Production I              | >*    | _____     |
| EMB 155   | 4       | Media Production II             | >*    | _____     |
| ENG 115   | 3       | Mass Media                      | >*    | _____     |
| ENG 116   | 3       | News Writing                    | >*    | _____     |
| ENG 216W  | 3       | New Media Writing               | >*    | _____     |
| ENG 217   | 3       | Advanced Reporting              | >*    | _____     |
| <b>31</b> |         | <b>SUBTOTAL</b>                 |       |           |

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## Approved Electives

| Course   | Credits     | Course Title   | Notes | Completed |
|----------|-------------|--|-------|-----------|
| ART 100  | 3           | Elements of Color Photography                                  |       | _____     |
| EMB 141W | 2           | Fundamentals of Audio Production                               |       | _____     |
| EMB 154  | 2           | Peripheral Multimedia Applications                             |       | _____     |
| EMB 161  | 2           | Podcasting, Online, and Mobile Media                           |       | _____     |
| EMB 255W | 4           | Media Production III   |       | _____     |
| ENG 214  | 3           | Introduction to Professional Writing                           |       | _____     |
| ENG 205  | 1           | English Internship I   |       | _____     |
| ENG 210  | 2           | English Internship II  |       | _____     |
| ENG 230  | 3           | English Internship III   |       | _____     |
| IHU 267  | 3           | Producing A Student Publication                                |       | _____     |
| MGT 143  | 3           | Principles of Advertising                                      |       | _____     |
| MGT 243  | 3           | Principles of Marketing  |       | _____     |
| --- ---  | 4/5         | Any approved Natural Science Course with Lab (MACRAO Transfer) |       | _____     |
|          | <b>4/10</b> | <b>SUBTOTAL</b>  |       |           |
|          | <b>31</b>   | <b>TOTAL CREDITS REQUIRED FOR ADVANCED CERTIFICATE</b>         |       |           |
|          | <b>62</b>   | <b>TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE</b>             |       |           |

### Notations:

\* A "C" minimum grade is required in each asterisked course.

> A Certificate will be awarded when courses preceded by a greater than (">") sign are successfully completed.

1. Any Approved Intermediate Algebra Course, or higher Math course-with the exception of MTH 153. If planning to transfer, consult with a counselor to ensure that you take math courses appropriate for your program at that institution.
2. POL 104 is recommended if you intend to apply for MACRAO.
3. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
4. Delta College reserves the right to modify graduation requirements.
5. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Lean Resource Management



## Options:

- Lean Resource Management Certificate: CTZ.35851

## Certificate of Achievement

The ability of a company to respond to today's market forces involves the identification and management of the value stream. The focus of this certificate is to provide you with the knowledge and skills to examine how a company can provide value to its customers while staying agile and competitive. It looks at the tools and techniques of value creation and waste reduction within both manufacturing and service organizations while optimizing the company's resources.

### Basic Program Requirements

| Course    | Credits | Course Title                                  | Notes | Completed |
|-----------|---------|---|-------|-----------|
| MIT 118   | 2       | Safety Practices and Procedures               | *     | _____     |
| MIT 210   | 3       | Lean Thinking Strategies                      | *     | _____     |
| MTH ---   | 4       | Any Approved Intermediate Algebra Course      | *     | _____     |
| MTH 208W  | 3       | Elementary Statistics                         | *     | _____     |
| QA 125    | 3       | Quality System Design                         | *     | _____     |
| QA 244    | 3       | Statistical Process Control                   | *     | _____     |
| <b>18</b> |         | <b>SUBTOTAL</b>                               |       |           |
| <b>18</b> |         | <b>TOTAL CREDITS REQUIRED FOR CERTIFICATE</b> |       |           |

### Notations:

\* A "C" minimum grade is required in each asterisked course.

1. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
2. Delta College reserves the right to modify graduation requirements.

# Legal Support Professional

## Options:

- **Legal Support Professional Associate Degree: ABS.10282**
- **Law Office Foundation Certificate: CBA.35283**
- **Law Office Specialist Certificate: CBA.35284**



## Associate in Business Studies Degree/Advanced Certificates

Not all legal work requires a law degree. As a legal support professional, you will work directly under the supervision of a lawyer. While the lawyer assumes responsibility for the legal support professional's work, you will often be allowed to perform all the functions of a lawyer other than accepting clients, setting fees, giving legal advice, or presenting a case in court. You will generally do background work for the lawyer and help a lawyer prepare litigation for trial by investigating the facts of the case to make sure that all relevant information is uncovered. Secretarial services are normally required as well.

You may conduct research to identify the appropriate laws, judicial decisions, legal articles, and other material that will be used to determine whether or not the client has a good case. After analyzing all the information, you may prepare a written report that is used by the attorney to decide how the case should be handled. If the attorney decides to file a lawsuit on behalf of the client, you may prepare legal arguments, draft pleadings to be filed with the court, obtain affidavits, and assist the attorney during the trial. You may also keep files of all documents and correspondence important to the case.

**LAW OFFICE FOUNDATION CERTIFICATE:** This program is designed to provide a basic foundation of the work required for a Legal Support Professional.

**LAW OFFICE SPECIALIST CERTIFICATE:** This program is designed to provide advanced office skills while specializing in a legal office. The following certificates have been ladderred (sequenced) to lead to the completion of the associate degree.

### Law Office Foundation Core Courses

| Course  | Credits | Course Title   | Notes | Completed       |
|---|---------|--|-------|-----------------|
| LSP 110W  | 3       | Legal Ethics and Responsibilities of the Legal Assistant | >*    | _____           |
| LSP 115   | 3       | Principles of Substantive Law                            | >*    | _____           |
| LSP 230   | 3       | Civil Litigation   | >*    | _____           |
| LSP 260   | 1       | Legal Support Internship I                               | >     | _____           |
| <b>OR</b>   |         |  |       |                 |
| LSP 261   | (2)     | Legal Support Internship II                              |       | _____           |
| <b>OR</b>   |         |  |       |                 |
| LSP 262   | (3)     | Legal Support Internship III                             |       | _____           |
| LSP 280W  | 3       | Legal Research and Writing                               | >*    | _____           |
| MGT 251W  | 3       | Business Law I   | >*    | _____           |
| OAT 151   | 3       | Business Communication I                                 | >*    | _____           |
| OAT 171   | 3       | Document Processing: Beginning                           | >*    | _____           |
| --- ---   | 8/10    | Approved LSP Electives                                   | >*    | _____           |
| <b>32 TOTAL CREDITS FOR LAW OFFICE FOUNDATION CERTIFICATE</b> |         |  |       | <b>SUBTOTAL</b> |

### Law Office Specialist Courses

| Course    | Credits | Course Title                            | Notes | Completed |
|-----------|---------|---|-------|-----------|
|           | 32      | Law Office Foundation Basic Certificate | >>    | _____     |
| ACC 211   | 4       | Principles of Accounting I              | >>    | _____     |
| CST 106   | 1       | Internet Foundations                    | >>    | _____     |
| CST 110   | 1       | Web Page Development Using HTML         | >>    | _____     |
| CST 151   | 2       | Spreadsheet Fundamentals                | >>    | _____     |
| <b>OR</b> |         |   |       |           |
| CST 155   | (3)     | Microsoft EXCEL                         |       | _____     |
| MGT 252   | 3       | Business Law II                         | >>    | _____     |
| OAT 152   | 3       | Business Communication II               | >>*   | _____     |
| <b>OR</b> |         |   |       |           |

|         |       |  |    |       |
|---------|-------|--|----|-------|
| ENG --- | (3/5) | Any Approved College Composition I Course <b>AND</b> | *  | _____ |
| ENG --- | (3/5) | Any Approved College Composition II Course           | *  | _____ |
| OAT 172 | 3     | Document Processing: Intermediate                    | >> | _____ |

**49/57 TOTAL CREDITS FOR LAW OFFICE SPECIALIST CERTIFICATE**

**General Education Courses**

| Course     | Credits | Course Title                                 | Notes | Completed |
|------------|---------|--|-------|-----------|
| COM 112W   | 3       | Fundamentals of Oral Communication           |       | _____     |
| <b>OR</b>  |         |  |       |           |
| COM 114W   | (3)     | Interpersonal Communication                  |       | _____     |
| --- ---    | 2/3     | Approved LSP electives                       | >*    | _____     |
| LW ---     | 1       | Any 1 Credit LW Course (As of fall 2007)     |       | _____     |
| <b>AND</b> |         |  |       |           |
| LWA ---    | 1       | Any 1 Credit LWA Course                      |       | _____     |
| <b>OR</b>  |         |  |       |           |
| LW ---     | (2)     | Any 2 Credit LW Course (As of fall 2007)     |       | _____     |
| POL ---    | 3/4     | Any Approved American Government Requirement |       | _____     |
| PSY 101W   | 3       | Applied Psychology                           |       | _____     |
| <b>OR</b>  |         |  |       |           |
| PSY 211W   | (4)     | Any General Psychology                       |       | _____     |

**62/73 TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE**

**Approved Law Electives**

| Course  | Credits | Course Title                    | Notes | Completed |
|---------|---------|---------------------------------|-------|-----------|
| LSP 150 | 2       | Real Estate Law                 | *     | _____     |
| LSP 210 | 2       | Estate and Trust Administration | *     | _____     |
| LSP 220 | 2       | Environmental Law               | *     | _____     |
| LSP 235 | 3       | Criminal Law and Procedure      | *     | _____     |
| LSP 240 | 2       | Domestic Relations              | *     | _____     |
| LSP 245 | 3       | Personal Injury                 | *     | _____     |
| LSP 250 | 2       | Corporate Law                   | *     | _____     |
| LSP 253 | 3       | Bankruptcy Law                  | *     | _____     |
| MGT 255 | 3       | Conflict Management             | *     | _____     |

**Notations:**

\* A "C" minimum grade is required in each asterisked course.

> A Certificate will be awarded when courses preceded by a greater than (">") sign are successfully completed.

>> A Law Office Specialist Certificate will be awarded when courses preceded by a (>>) are completed.

1. Proficiency in keyboarding is required for successful completion of this program. If you are not proficient, take OAT 170 in your first semester.
2. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
3. Delta College reserves the right to modify graduation requirements.
4. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Liberal Arts

## Options:

- Liberal Arts Certificate: CSA.35390



## Advanced Certificate

The Liberal Arts Certificate program is intended for students who are planning on completing an Associate in Arts or Science Degree at Delta College. It is also intended for those planning on transferring to a four-year college or university after completing one year of course work at Delta. Completion of this certificate program will satisfy the MACRAO requirements (a transfer agreement in the State of Michigan that assists students with the transferability of general education requirements-see Transfer Programs and Procedures, MACRAO Articulation Agreements in this section. Required courses in the Liberal Arts Certificate are flexible and may be customized to meet the needs of the student based upon the transfer institution requirements. Most transfer institutions will accept at least 60 credit hours from Delta; therefore students are encouraged to take additional courses beyond the Liberal Arts Certificate requirements. Students seeking the Liberal Arts Certificate must work closely with the transfer school of choice as well as a Delta College Advisor/Counselor to help ensure the appropriate courses are taken at Delta.

## Required Courses

| Course    | Credits | Course Title                                  | Notes | Completed |
|-----------|---------|---|-------|-----------|
| ENG ---   | 3       | Any Approved College Composition I Course     | *     | _____     |
| ENG ---   | 3       | Any Approved College Composition II Course    | *     | _____     |
| --- ---   | 8       | Humanities Group Requirement (see below)      | *     | _____     |
| --- ---   | 8       | Social Science Group Requirement (see below)  | *     | _____     |
| --- ---   | 8       | Natural Science Group Requirement (see below) | *     | _____     |
| <b>30</b> |         | <b>SUBTOTAL</b>                               |       |           |

Humanities Requirement (in at least two different subject areas) – must select classes from ARC 251 only; ART(except ART 113, 219, 283, 289); ASL; EMB 140 & 175 only; COM; ENG 253, 254, 256 only; FR; GE; HIS 111 and 112 only; IHU; LIT; MUS (except MUS 138); PHL; RUS; SPA; SSI 110, 232, 234 only.

Social Science Requirement (in at least two different subject areas) – must select classes from BIO 230 only; ECN; HIS; GEO (except GEO 103, 111, 261, 267); POL; PSY; SOC (except SOC 157, 158, 159, 162); SSI.

Science and Math Requirement (in at least two subject areas; must include at least one lab science of 15 contact hours) – must select classes from AST; BIO; CHM; CST 180, 181, 183, 280, 281, 282 only; ENV 310, 320 only; GEO 103, 111, 261, 267 only; GLG; MTH 115 and above (except MTH 117); PHY; PSC; SOC 230 only; SCI 250 only.

### 30 TOTAL CREDITS REQUIRED FOR CERTIFICATE OF ACHIEVEMENT

## Notations:

\* A “C” minimum grade is required in each asterisked course.

1. Courses below 100 cannot be included in any of the group requirements.
2. Courses listed in more than one Group may not be counted in both groups. For example: HIS 111 and 112 may be included in the Humanities Group or Social Science Group but may not be counted in both.
3. This program is intended for students wishing to complete course work at Delta before transferring to another college/university. Since transfer requirements vary by institution, students are strongly encouraged to meet with representatives from the transfer school. In addition, students should work closely with a Delta Advisor/Counselor in the Academic Advising Center.
4. Earn a minimum of two thirds (2/3) or 20 credits at Delta College.
5. You can not apply more than twelve (12) credits of “P” grades.
6. File an application for an associate or dual degree and/or certificate with the Registrar’s Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
7. Delta College reserves the right to modify graduation requirements.

# Management



## Options:

- **Cosmetology Management Associate Degree: ABS.10251**
- **General Management Associate Degree: ABS.10254**
- **Marketing Management Associate Degree: ABS.10256**
- **Merchandising Management Associate Degree: ABS.10257**
- **Office Services Management Associate Degree: ABS.10258**
- **Retail Management Associate Degree: ABS.10260**
- **Entrepreneurship/Small Business Management Associate Degree: ABS.10262**
- **Entrepreneurship/Small Business Management Certificate: CBA.35263**
- **Merchandising Management Certificate: CBA.35257**
- **Office Services Management Certificate: CBA.35258**
- **Retail Management Certificate: CBA.35260**

## Associate in Business Studies Degree

Delta College offers the following specialized management degree options:

**COSMETOLOGY MANAGEMENT:** With a current State of Michigan Cosmetology License, you will receive twenty (20) elective credits at Delta College in the Cosmetology Management Program. Upon completion of the Associate Degree Program, you may be able to continue on at Delta in the 3 + 1 Program with Northwood University. You will also have the skills to open your own salon or manage an existing salon. If you are currently employed in the cosmetology industry, this program of study will also enhance job performance and earning ability. This program will help to fill the void in business training for cosmetology professionals who are required to perform in a business environment with a minimal business background from cosmetology school.

**ENTREPRENEURSHIP/SMALL BUSINESS MANAGEMENT:** This program is designed for those planning to work in a small business, or currently managing a small business who want to enhance their skill sets. If you are interested in managing your own business you may want to consider the Entrepreneurship Program in this section.

**GENERAL MANAGEMENT:** This program is designed to provide a basic foundation in the major functional areas of business management and allows you to structure an individual program that will meet your own needs. This degree option may be completed online.

**MARKETING MANAGEMENT:** This program is designed to prepare you for a career in the field of marketing. As a graduate you will have studied the basics of: advertising from the marketing usage point of view; consumer behavior relating to buying; merchandising policies, budgets and planning; sales; retail organizational structure; product promotion and distribution.

**MERCHANDISING MANAGEMENT:** This program studies the basics of buying, selling, promotional coordination, visual merchandising, and fashion design. This program is designed to prepare you for a career in the field of merchandising.

**OFFICE SERVICES MANAGEMENT:** This program is designed to provide office operations management skills such as: developing and managing systems for office procedures; report and data compilation; filing and record keeping; information gathering techniques; personnel administration.

**RETAIL MANAGEMENT:** This program is designed to provide skills related to the distribution of merchandise and services within a retail store through buying procedures, inventory control and pricing; marketing processes and functions; advertising strategies.

Delta College offers the following specialized management advanced certificate options:

### Advanced Certificate Options:

| Course | Credits | Course Title                               | Notes | Completed |
|--------|---------|--|-------|-----------|
|        | 25      | Entrepreneurship/Small Business Management |       | _____     |
|        | 30      | Merchandising Management                   |       | _____     |
|        | 24      | Office Services Management                 |       | _____     |
|        | 26      | Retail Management                          |       | _____     |

### General Education Courses (Required for all Associate in Business Studies, Management degrees)

| Course   | Credits | Course Title                             | Notes | Completed |
|----------|---------|--|-------|-----------|
| ECN 221W | 4       | Principles of Macroeconomics             | 3     | _____     |
| LW ---   | 1       | Any 1 Credit LW Course (As of fall 2007) | 3     | _____     |

**AND**

|                      |     |  |   |       |
|----------------------|-----|--|---|-------|
| LWA ---              | 1   | Any 1 Credit LWA Course                      | 4 | _____ |
| <b>OR</b>            |     |  |   |       |
| LW ---               | (2) | Any 2 Credit LW Course (As of fall 2007)     | 3 | _____ |
| POL ---              | 3/4 | Any Approved American Government Requirement | 3 | _____ |
| <b>9/10 SUBTOTAL</b> |     |  |   |       |

**Business Core Courses (Required for all Associate in Business Studies Management degrees)**

| Course                | Credits | Course Title                         | Notes | Completed |
|-----------------------|---------|--------------------------------------|-------|-----------|
| CST 133W              | 4       | Computer Concepts & Competencies     | 3     | _____     |
| MGT 110               | 3       | Business Mathematics                 | *3    | _____     |
| MGT 153W              | 3       | Introduction to Business             | *3    | _____     |
| MGT 245               | 3       | Principles of Management             | *3    | _____     |
| OAT 151               | 3       | Business Communication I             | *3    | _____     |
| OAT 152               | 3       | Business Communication II            | *     | _____     |
| <b>OR</b>             |         |                                      |       |           |
| ENG 111               | (3/5)   | Any College Composition I <b>AND</b> | *3    | _____     |
| ENG 112               | (3/5)   | Any College Composition II <b>OR</b> | *3    | _____     |
| ENG 113               | (3)     | Technical Communication              | *3    | _____     |
| <b>19/23 SUBTOTAL</b> |         |                                      |       |           |

**Associate in Business Studies Cosmetology Management**

| Course   | Credits | Course Title   | Notes | Completed |
|--|---------|--|-------|-----------|
|  | 9/10    | General Education Courses (see above)  |       | _____     |
|  | 19/23   | Business Core Courses (see above)  |       | _____     |
|  | 20      | MI State Board of Cosmetology License<br>(Credit awarded based on State standards) | 2     | _____     |
| ACC 111  | 4       | Introductory Accounting  |       | _____     |
| <b>OR</b>  |         |  |       |           |
| ACC 211  | (4)     | Principles of Accounting I   |       | _____     |
| ENT 131W   | 3       | Entrepreneurship/Small Business Management I                                       | *     | _____     |
| ENT 132W   | 3       | Entrepreneurship/Small Business Management II                                      | *     | _____     |
| <b>OR</b>  |         |  |       |           |
| CST 134  | (3)     | Micro Computers in Business Using MS Office  | *     | _____     |
| <b>OR</b>  |         |  |       |           |
| PHL 203W   | (3)     | Business Ethics  |       | _____     |
| MGT 145  | 3       | Principles of Sales  |       | _____     |
| MGT 251W   | 3       | Business Law I   | *     | _____     |
| <b>64/69 TOTAL CREDITS REQUIRED FOR ASSOCIATE IN BUSINESS STUDIES DEGREE</b> |         |  |       |           |

**Associate in Business Studies Entrepreneurship/Small Business Management**

| Course    | Credits | Course Title                          | Notes | Completed |
|-----------|---------|---------------------------------------|-------|-----------|
|           | 9/10    | General Education Courses (see above) |       | _____     |
|           | 19/23   | Business Core Courses (see above)     |       | _____     |
| ACC 111   | 4       | Introductory Accounting               | >     | _____     |
| <b>OR</b> |         |                                       |       |           |

|          |     |   |    |       |
|----------|-----|---|----|-------|
| ACC 211  | (4) | Principles of Accounting I                    | >  | _____ |
| CST 134  | 3   | Micro Computers in Business Using MS Office   | >* | _____ |
| ENT 131W | 3   | Entrepreneurship/Small Business Management I  | >  | _____ |
| ENT 132W | 3   | Entrepreneurship/Small Business Management II | >  | _____ |
| MGT 145  | 3   | Principles of Sales                           | >  | _____ |
| MGT 243  | 3   | Principles of Marketing                       | >  | _____ |
| MGT 251W | 3   | Business Law I                                | >  | _____ |
| MGT 252  | 3   | Business Law II                               | >  | _____ |
|          | 9   | General Electives                             |    | _____ |

**62/67 TOTAL CREDITS REQUIRED FOR ASSOCIATE IN BUSINESS STUDIES DEGREE**

**Associate in Business Studies General Management**

| Course   | Credits | Course Title                                | Notes | Completed |
|----------|---------|---|-------|-----------|
|          | 9/10    | General Education Courses (see above)       |       | _____     |
|          | 19/23   | Business Core Courses (see above)           |       | _____     |
| ACC 211  | 4       | Principles of Accounting I                  | 3     | _____     |
| ACC 212  | 4       | Principles of Accounting II                 | 3     | _____     |
| CST 134  | 3       | Micro Computers in Business Using MS Office | 3     | _____     |
| MGT 243  | 3       | Principles of Marketing                     | *3    | _____     |
| MGT 251W | 3       | Business Law I                              | *3    | _____     |
| MGT 252  | 3       | Business Law II                             | *3    | _____     |
| MGT 256  | 3       | Human Resources Management I                | *3    | _____     |
| MGT 265  | 3       | International Business                      | 3     | _____     |
|          | 8       | Electives                                   |       | _____     |

**62/67 TOTAL CREDITS REQUIRED FOR ASSOCIATE IN BUSINESS STUDIES DEGREE**

**Associate in Business Studies Marketing Management**

| Course   | Credits | Course Title                                | Notes | Completed |
|----------|---------|---|-------|-----------|
|          | 9/10    | General Education Courses (see above)       |       | _____     |
|          | 19/23   | Business Core Courses (see above)           |       | _____     |
| ACC 111  | 4       | Introductory Accounting                     |       | _____     |
|          |         | <b>OR</b>                                   |       |           |
| ACC 211  | (4)     | Principles of Accounting I                  |       | _____     |
| CST 134  | 3       | Micro Computers in Business Using MS Office | *     | _____     |
| CST 147  | 2       | Presentation Graphics Using PowerPoint      |       | _____     |
| MGT 143  | 3       | Principles of Advertising                   |       | _____     |
| MGT 145  | 3       | Principles of Sales                         |       | _____     |
| MGT 243  | 3       | Principles of Marketing                     | *     | _____     |
| MGT 247  | 3       | Principles of Retailing                     | *     | _____     |
| MGT 265  | 3       | International Business                      |       | _____     |
| MGT 251W | 3       | Business Law I                              | *     | _____     |
| MGT 254  | 3       | Applied Marketing                           |       | _____     |
|          | 4       | Electives                                   |       | _____     |

**62/67 TOTAL CREDITS REQUIRED FOR ASSOCIATE IN BUSINESS STUDIES DEGREE**

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**Associate in Business Studies Merchandising Management**

| Course   | Credits | Course Title                                    | Notes | Completed |
|----------|---------|---|-------|-----------|
|          | 9/10    | General Education Courses (see above)           |       | _____     |
|          | 19/23   | Business Core Courses (see above)               |       | _____     |
| ACE 105W | 3       | Year I Experience I - Business & Human Services | >1    | _____     |
| MGT 143  | 3       | Principles of Advertising                       | >     | _____     |
| MGT 145  | 3       | Principles of Sales                             | >     | _____     |
| MGT 151  | 3       | Merchandising Display                           | >*    | _____     |
| MGT 152  | 3       | Textiles  | >*    | _____     |
| MGT 157  | 3       | Principles of Merchandising                     | >*    | _____     |
| MGT 243  | 3       | Principles of Marketing                         | >*    | _____     |
| MGT 247  | 3       | Principles of Retailing                         | >*    | _____     |
| MGT 248  | 3       | Principles of Buying for Resale                 | >     | _____     |
| MGT 251W | 3       | Business Law I                                  | 3     | _____     |
| MGT 254  | 3       | Applied Marketing                               | >     | _____     |
|          | 1       | General Electives                               |       | _____     |

**62/67 TOTAL CREDITS REQUIRED FOR ASSOCIATE IN BUSINESS STUDIES DEGREE**

**Associate in Business Studies Office Services Management**

| Course    | Credits | Course Title                                | Notes | Completed |
|-----------|---------|---|-------|-----------|
|           | 9/10    | General Education Courses (see above)       |       | _____     |
|           | 19/23   | Business Core Courses (see above)           |       | _____     |
| ACC 111   | 4       | Introductory Accounting                     | >     | _____     |
| <b>OR</b> |         |   |       |           |
| ACC 211   | (4)     | Principles of Accounting I                  | >     | _____     |
| CST 105   | 1       | Outlook                                     | >     | _____     |
| CST 134   | 3       | Micro Computers in Business Using MS Office | >     | _____     |
| CST 151   | 2       | Spreadsheet Fundamentals                    | >     | _____     |
| CST 257   | 3       | Database MS Access                          | >     | _____     |
| MGT 251W  | 3       | Business Law I                              | *     | _____     |
| MGT 256   | 3       | Human Resources Management I                | >     | _____     |
| OAT 155W  | 2       | Editing                                     | >     | _____     |
| OAT 157   | 2       | File Management                             | >     | _____     |
| OAT 170   | 2       | Keyboarding                                 | >     | _____     |
| OAT 171   | 3       | Document Processing: Beginning              | >     | _____     |
|           | 6       | General Electives                           |       | _____     |

**62/67 TOTAL CREDITS REQUIRED FOR ASSOCIATE IN BUSINESS STUDIES DEGREE**

**Associate in Business Studies Retail Management**

| Course  | Credits | Course Title                          | Notes | Completed |
|---------|---------|---------------------------------------|-------|-----------|
|         | 9/10    | General Education Courses (see above) |       | _____     |
|         | 19/23   | Business Core Courses (see above)     |       | _____     |
| ACC 111 | 4       | Introductory Accounting               | >     | _____     |

**OR**

|          |     |   |    |       |
|----------|-----|---|----|-------|
| ACC 211  | (4) | Principles of Accounting I                      | >  | _____ |
| ACE 105W | 3   | Year I Experience I - Business & Human Services | >1 | _____ |
| MGT 247  | 3   | Principles of Retailing                         | >  | _____ |
| MGT 251W | 3   | Business Law I                                  | >* | _____ |
|          | 15  | Select five courses from the following:         | >  | _____ |
| MGT 143  | (3) | Principles of Advertising                       | >  | _____ |
| MGT 145  | (3) | Principles of Sales                             | >  | _____ |
| MGT 151  | (3) | Merchandising Display                           | >* | _____ |
| MGT 243  | (3) | Principles of Marketing                         | >* | _____ |
| MGT 248  | (3) | Principles of Buying for Resale                 | >  | _____ |
| MGT 256  | (3) | Human Resources Management I                    | >* | _____ |
|          | 6   | General Electives                               |    | _____ |

**62/67 TOTAL CREDITS REQUIRED FOR ASSOCIATE IN BUSINESS STUDIES DEGREE**

**Notations:**

**> Certificate Option - A certificate will be awarded when you successfully complete courses preceded by the ">" sign.**

**\* A "C" (2.0) minimum grade is required in each asterisked course.**

1. For more information about the Co-Op Program, phone 686-9474.
2. You may be granted 20 credits approved by the Delta College Business Information and Technology Division Chair upon verification of the proper evidence of a current Michigan State Board of Cosmetology License.
3. This course can be used to complete the Associate in Business Studies Degree General Management option online.
4. Contact the Health & Wellness Division for information on completing LWA credit through individual instruction to complete the General Management degree option online.
5. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
6. Delta College reserves the right to modify graduation requirements.
7. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Management/Subsequent Degree

## Options:

- **Business Management Associate Degree: ABS.10255**
- **Northwood 3+1 Associate Degree: ABS.85005**



## Associate in Business Studies Degree

Option I: Business Management: Students who already have an Associate or Bachelor Degree from a regionally accredited institution must have 24 credits by instruction at Delta College. Accordingly, the minimum number of credits earned must equal the credits required for the first degree plus 24. Included in the 24 credits will be at least one computer course, one accounting course and MGT 245.

Option II: 3 + 1 Northwood: Students who already have an Associate Degree in any field, (other than management programs) from a regionally accredited institution, who wish to obtain a Bachelor Degree in Management through the Delta College-Northwood partnership must complete the following Delta classes and then complete their senior year at Northwood.

### Option I: Business Management

| Course    | Credits  | Course Title                                | Notes | Completed |
|-----------|--|---|-------|-----------|
| ACC 111   | 4  | Introductory Accounting                     |       | _____     |
| <b>OR</b> |  |   |       |           |
| ACC 211   | (4)  | Principles of Accounting I                  |       | _____     |
| ACC 212   | 4  | Principles of Accounting II                 |       | _____     |
| CST 133W  | 4  | Computer Concepts & Competencies            |       | _____     |
| <b>OR</b> |  |   |       |           |
| CST 134   | (3)  | Micro Computers in Business Using MS Office |       | _____     |
| ECN 221W  | 4  | Principles of Economics I                   |       | _____     |
| MGT 153W  | 3  | Introduction to Business                    |       | _____     |
| MGT 243   | 3  | Principles of Marketing                     |       | _____     |
| MGT 245   | 3  | Principles of Management                    |       | _____     |
| MGT 251W  | 3  | Business Law I                              |       | _____     |
| MGT 256   | 3  | Human Resources Management I                |       | _____     |
| MGT 265   | 3  | International Business                      |       | _____     |
| MGT 274   | 2  | Computer Aided Decisions                    |       | _____     |
| --- ---   | 3  | Business Electives                          |       | _____     |
| OAT 151   | 3  | Business Communication I                    |       | _____     |
| <b>24</b> | <b>TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE</b> |   |       |           |

### Option II: 3 + 1 Northwood

| Course    | Credits  | Course Title                     | Notes | Completed |
|-----------|--|----------------------------------|-------|-----------|
| ACC 211   | 4  | Principles of Accounting I       |       | _____     |
| ACC 212   | 4  | Principles of Accounting II      |       | _____     |
| CST 133W  | 4  | Computer Concepts & Competencies |       | _____     |
| ECN 221W  | 4  | Principles of Economics I        |       | _____     |
| ECN 222W  | 4  | Principles of Economics II       |       | _____     |
| MGT 153W  | 3  | Introduction to Business         |       | _____     |
| MGT 243   | 3  | Principles of Marketing          |       | _____     |
| MGT 245   | 3  | Principles of Management         |       | _____     |
| MGT 251W  | 3  | Business Law I                   |       | _____     |
| MTH 208W  | 3  | Elementary Statistics            |       | _____     |
| PHL 203W  | 3  | Business Ethics                  |       | _____     |
| <b>OR</b> |  |                                  |       |           |
| PHL 215W  | (3)  | Health Care Ethics               |       | _____     |
| <b>OR</b> |  |                                  |       |           |
| PHL 230   | (2)  | Bioethics for Nursing            |       | _____     |
| <b>24</b> | <b>TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE</b> |                                  |       |           |

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**Notations:**

1. Official transcript documenting previous degree will have to be on file in Records and Registration.
2. Completion of the above classes will give you an Associate Degree in Business Management from Delta College. Some of the above credits may have been earned on an earlier degree, the minimum number of credits earned must equal the credits required for the first degree plus 24.
3. Contact the Delta College Counseling Office at 686-9330 for more information.
4. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
5. Delta College reserves the right to modify graduation requirements.
6. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Manufacturing And Industrial Technology



## Options:

- **Manufacturing And Industrial Technology Associate Degree: AAS.15851**
- **MIT Supervisor Certificate: CTZ.35850**
- **Lean Manufacturing Certificate: CTZ.35852**

## Associate in Applied Science Degree/ Certificate of Achievement

Manufacturing continues to advance by cutting across all disciplines in order to drive economic growth. This program is designed to give you the flexibility to acquire the knowledge and skills needed in this rapidly changing area. You will be able to develop a broad understanding of issues facing manufacturing today while also focusing on a specific area. As a manufacturing technologist, you will need to understand the interrelationships of materials selection and manufacturing processes in order to operate competitively in a global economy. You will also need to understand the roles quality, cost, delivery, safety and morale play in a successful manufacturing company. Teamwork, problem solving, and communication skills will be emphasized because of the importance they play in your success in the company. You will have experience with automated systems and robotic applications. You will need to be able to use computers to control and monitor processes and for communicating with team members, customers, suppliers, and others both internally and externally. Refer to [www.delta.edu/tech](http://www.delta.edu/tech) for more information.

**MIT SUPERVISOR CERTIFICATE:** Work, in an industrial setting, is accomplished through the actions of skilled, knowledgeable people. The ability to provide leadership and management expertise in such an environment while efficiently utilizing resources to accomplish the organization's goals requires its own set of skills. Teamwork, safety requirements, and the increasing diversity of the workforce are just a few of the issues today's supervisors need to effectively respond to in order to as they accomplish work in an organization. This certificate is designed to increase the knowledge and skills of supervisors so they can manage their resources in order to meet the company's goals.

**LEAN MANUFACTURING CERTIFICATE:** Companies need to effectively manage their value stream whether they are competing locally or on a global level. The focus of this certificate is to provide a person with the knowledge and skills to exam how a company can provide value to it customers whiel staying agile and competitive. It looks at the tools and techniques of value creation and waste reduction within manufacturing organizations while optimizing the company's resources.

### General Education

| Course       | Credits | Course Title  | Notes | Completed |
|--------------|---------|---|-------|-----------|
| ---          | 4       | Approved Natural Science with Lab<br>(Refer to Group III Graduation Requirements) |       | _____     |
| ENG ---      | 3/5     | Any Approved College Composition I Course   |       | _____     |
| ENG 113      | 3       | Technical Communication   |       | _____     |
| MTH ---      | 4       | Any Approved Intermediate Algebra Course  | >>    | _____     |
| POL ---      | 3/4     | Any Approved American Government Requirement                                      |       | _____     |
| LW ---       | 1       | Any 1 Credit LW Course (As of fall 2007)  |       | _____     |
| <b>AND</b>   |         |   |       |           |
| LWA ---      | 1       | Any 1 Credit LWA Course   |       | _____     |
| <b>OR</b>    |         |   |       |           |
| LW ---       | (2)     | Any 2 Credit LW Course (As of fall 2007)  |       | _____     |
| <b>19/22</b> |         | <b>SUBTOTAL</b>   |       |           |

### Basic Program Requirements

| Course    | Credits | Course Title                      | Notes | Completed |
|-----------|---------|-----------------------------------|-------|-----------|
| CAD 114   | 2       | Introduction to CAD               | *\$   | _____     |
| CAD 226   | 3       | 3D Parametric Solid Modeling      | *\$   | _____     |
| CNC 162   | 4       | Computer Numerical Control Theory | *     | _____     |
| DRF 121   | 3       | Blueprint Reading                 | *     | _____     |
| <b>OR</b> |         |                                   |       |           |

|          |     |                                       |         |       |
|----------|-----|---------------------------------------|---------|-------|
| SKDR 101 | (4) | Sketching and Blueprint Reading       | *       | _____ |
| EET 235  | 3   | Electrical Circuits                   | *       | _____ |
| MIT 118  | 2   | Safety Practices and Procedures       | * >, >> | _____ |
| MIT 111W | 3   | Manufacturing Processes               | * >>    | _____ |
| MS 181W  | 4   | Machine Tools I                       | *       | _____ |
| MT 220   | 3   | Introduction to Fluid Power           | *       | _____ |
| MT 221W  | 3   | Introduction to Engineering Materials | *       | _____ |
| QA 244   | 3   | Statistical Process Control           | * >, >> | _____ |

**33/34 SUBTOTAL**

Choose One Area of Concentration to Complete Degree Requirements

**Supervision Concentration**

| Course   | Credits | Course Title                    | Notes  | Completed |
|----------|---------|---------------------------------|--------|-----------|
| COM 114W | 3       | Interpersonal Communication     | >*     | _____     |
| COM 202W | 3       | Oral Communication for Managers | >*     | _____     |
| MGT 245  | 3       | Principles of Management        | >*     | _____     |
| MGT 256  | 3       | Human Resources Management I    | >*     | _____     |
| MIT 210  | 3       | Lean Thinking Strategies        | >, >>* | _____     |
| QA 125   | 3       | Quality System Design           | *      | _____     |

**18 SUBTOTAL**

**Lean Concentration**

| Course   | Credits | Course Title             | Notes | Completed |
|----------|---------|--------------------------|-------|-----------|
| MGT 153W | 3       | Introduction to Business | *     | _____     |
| MIT 212  | 2       | Manufacturing Cell       | >>*   | _____     |
| MIT 210  | 3       | Lean Thinking Strategies | >>*   | _____     |
| MTH 208W | 3       | Elementary Statistics    | >>*   | _____     |
| QA 125   | 3       | Quality System Design    | >>*   | _____     |

**14 SUBTOTAL**

**Computer Numerical Control Concentration**

| Course  | Credits | Course Title                    | Notes | Completed |
|---------|---------|---------------------------------|-------|-----------|
| CAD 120 | 3       | Introduction to CAM             | *     | _____     |
| CNC 216 | 4       | CNC with Machining Applications | *     | _____     |
| CNC 225 | 4       | Mastercam                       | *     | _____     |
| DRF 128 | 2       | Geometric Tolerancing           | *     | _____     |
| MT 110  | 4       | Machine Tool Calculations       | *     | _____     |

**17 SUBTOTAL**

**65/73 TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE**

**Notations:**

\* A "C" minimum grade is required in each asterisked course.

\$ Key Course: Key courses must be completed within 5 years of completing certificate or degree. Failure to complete within the stated time frame will require you to repeat this course.

> Certificate Option: A certificate of achievement in MIT will be awarded when courses preceded by a greater than (">") sign are successfully completed.

>> Certificate Option: A certificate of achievement in Lean Manufacturing will be awarded when courses preceded by a greater than (">>") sign are successfully completed.

1. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
2. Delta College reserves the right to modify graduation requirements.
3. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Massage Therapy

## Options:

- **Massage Therapy Certificate: CHA.35589**
- **Massage Therapy Certificate: CHP.35588**



## Post Associate Certificate/ Certificate of Achievement

The Massage Therapy Program is designed for graduates of fully accredited PTA Programs, OTR's, and for the licensed PT, RN, and PN. This program has been developed to build on your previous academic background, and current clinical practice. While completing this certificate program, you will be trained in Swedish Massage, Sports Massage, Trigger Point Therapy, Muscle Isolation Techniques, Myofascial Release, Reflexology, Chair Massage, Acupressure, Basic Shiatsu, Business and Marketing, and Ethics. Potential work settings include: chiropractic and physician offices, sports medicine clinics, aerobic studios, beauty salons, health spas, gyms, on-site corporate massage, or your own independent business. Upon successfully completing this program, you will be certified to practice massage in Michigan as a certified massage therapist (CMT), and be able to sit for the National Certification Examination in Therapeutic Massage and Bodywork.

### Certificate of Achievement

| Course  | Credits  | Course Title   | Notes | Completed |
|---------|----------|--|-------|-----------|
|         |          | Licensed Practical Nurse Certificate                         | 1     | _____     |
| MTP 301 | 6        | Manual Techniques I  |       | _____     |
|         | <b>6</b> | <b>TOTAL CREDITS REQUIRED FOR CERTIFICATE OF ACHIEVEMENT</b> |       |           |

### Post Associate Certificate

| Course  | Credits  | Course Title   | Notes | Completed |
|---------|----------|--|-------|-----------|
|         |          | Licensed Register Nurse Degree OR                            |       |           |
|         |          | Physical Therapist Assistant Degree                          | 1     | _____     |
| MTP 301 | 6        | Manual Techniques I  |       | _____     |
|         | <b>6</b> | <b>TOTAL CREDITS REQUIRED FOR POST ASSOCIATE CERTIFICATE</b> |       |           |

### Notations:

1. A maximum of 14 students will be accepted each Fall semester into the Massage Therapy Program. The procedure for application to the program can be obtained from the program coordinators office, counseling office, or health and wellness office. Submit the completed application packet to the Program Coordinator before registration. Applications will be reviewed on a case-by-case basis, and acceptance into the program is granted by permission of instructor. Incomplete applications will not be accepted.
2. Prerequisite Qualifications are: a) be admitted to Delta College; and b) provide documentation reflecting one of the following: Graduation from a CAPTE accredited PTA Program, or Michigan Registered Occupational Therapist with current registration, or Michigan licensed PT, RN, or PN, with current license.
3. Students must document in their application packet, evidence of prerequisite related coursework acquired through their previous formal training program. A minimum number of classroom hours are required in each of the following subject/content areas:
  - \*Anatomy and Physiology - 150 Hours
  - \*Bed Mobility, Transfers, Positioning, and Draping - 8 Hours
  - \*Body Mechanics - 2 Hours
  - \*Universal Precautions, Sterile Techniques, Hygiene Standards, Infectious Diseases, and Infection Control - 5 Hours
  - \*Disease and Pathology - 40 Hours
  - \*Professional Communication and Documentation - 10 Hours
  - \*Patient and Client Assessment Skills - 40 HoursA specific form will be provided to you in the application packet that you will use to address these prerequisite areas. The Program Coordinator reserves the right to deny enrollment into the program if prerequisite coursework does not meet established minimum requirements.
4. Program Costs: Students will be required to purchase/provide the following: 1) textbooks; 2) student handbook; 3) table linens; 4) massage creams and/or oils; 5) current malpractice insurance; and 6) current CPR certification (for admission to and must be maintained throughout the program.).
5. Massage Therapy Program course if offered in a combination of weekday and weekend hours, in short/intensive time frames, to accommodate the working professional. Due to these condensed time frames, attendance is mandatory at all sessions in order to successfully complete the course. Makeup classes will occur at the discretion of the instructor. A minimum grade of "C" or 77% is required to successfully complete the course.
6. Students must be admitted to Delta College, and have their official transcripts sent directly to the Admissions office.
7. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
8. Delta College reserves the right to modify graduation requirements.

# Mechanical Engineering Technology



## Options:

- Mechanical Engineering Technology Associate Degree: AAS.15822

## Associate in Applied Science Degree

This program provides you with a sufficient broad base in the fundamentals of mechanical technology, drafting, CAD, manufacturing and design to be successful as a mechanical engineering technician in a metallurgical or product test laboratory, as a field technician, as an engineering aide in manufacturing or product engineer, in quality control, or in sales and service. Responsibilities as a lab technician may include not only setting up a test apparatus and running tests on an experimental product, but also writing the report and making recommendations.

### General Education Courses

| Course       | Credits         | Course Title                                 | Notes | Completed |
|--------------|-----------------|--|-------|-----------|
| CHM 101W     | 5               | General Chemistry I                          |       | _____     |
| <b>OR</b>    |                 |  |       |           |
| CHM 107      | (4)             | Chemistry for Engineering Technology         |       | _____     |
| <b>OR</b>    |                 |  |       |           |
| CHM 111      | (5)             | General and Inorganic Chemistry I            |       | _____     |
| ENG ---      | 3/5             | Any Approved College Composition I Course    |       | _____     |
| ENG ---      | 3/5             | Any Approved College Composition II Course   |       | _____     |
| <b>OR</b>    |                 |  |       |           |
| ENG 113      | (3)             | Technical Communication                      |       | _____     |
| GEO 116W     | 1               | Professional Global Awareness                |       | _____     |
| LW ---       | 1               | Any 1 Credit LW Course (As of fall 2007)     |       | _____     |
| <b>AND</b>   |                 |  |       |           |
| LWA ---      | 1               | Any 1 Credit LWA Course                      |       | _____     |
| <b>OR</b>    |                 |  |       |           |
| LW ---       | (2)             | Any 2 Credit LW Course (As of fall 2007)     |       | _____     |
| MTH ---      | 4               | Any Approved Intermediate Algebra Course     |       | _____     |
| MTH 121      | 3               | Plane Trigonometry                           |       | _____     |
| MTH 208W     | 3               | Elementary Statistics                        |       | _____     |
| PHL 207W     | 1               | Engineering Ethics                           |       | _____     |
| PHY 111      | 4               | General Physics I                            |       | _____     |
| POL ---      | 3/4             | Any Approved American Government Requirement |       | _____     |
| <b>31/37</b> | <b>SUBTOTAL</b> |  |       |           |

### Program Requirements

| Course    | Credits | Course Title                   | Notes | Completed |
|-----------|---------|--------------------------------|-------|-----------|
| ACE 285W  | 1       | Internship: Design Technology  | *2    | _____     |
| CAD 114   | 2       | Introduction to CAD            | *\$   | _____     |
| CAD 226   | 3       | 3D Parametric Solid Modeling   | *\$   | _____     |
| DRF 104   | 4       | Basic Mechanical Design        | *     | _____     |
| <b>OR</b> |         |                                |       |           |
| DRF 105   | (3)     | Beginning Mechanical Drafting  | *     | _____     |
| DRF 107   | 3       | Intermediate Mechanical Design | *     | _____     |
| DRF 257   | 4       | Advanced Mechanical Design     | *\$1  | _____     |
| EET 235   | 3       | Electrical Circuits            | *     | _____     |
| MIT 111W  | 3       | Manufacturing Processes        | *     | _____     |
| MS 113    | 2       | Machining Processes            | *     | _____     |
| <b>OR</b> |         |                                |       |           |

|              |     |  |   |       |
|--------------|-----|--|---|-------|
| MS 114W      | (3) | Industrial Technology Machine Tools                | * | _____ |
| MT 220       | 3   | Hydraulics & Pneumatics I                          | * | _____ |
| MT 221W      | 3   | Introduction to Engineering Materials              | * | _____ |
| MT 251       | 3   | Statics and Dynamics                               | * | _____ |
| MT 252       | 3   | Strength of Materials                              | * | _____ |
| MT 256       | 3   | Machine Design                                     | * | _____ |
| <b>39/41</b> |     | <b>SUBTOTAL</b>                                    |   |       |
| <b>70/78</b> |     | <b>TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE</b> |   |       |

**Notations:**

\* A "C" minimum grade is required in each asterisked course.

\$ **Key Course:** Key courses must be completed within 5 years of completing certificate or degree. Failure to complete within the stated time frame will require you to repeat this course. See graduation requirements page.

1. DRF 257 will be offered face-to-face for 15 weeks in the fall only.
2. In a laddered program, ACE 285 is only required to be taken one time.
3. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
4. Delta College reserves the right to modify graduation requirements.
5. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Medical Office Professions



## Options:

- **Health Insurance Coding & Claims Specialist Certificate: CBA.35286**
- **Medical Secretary Associate Degree: ABS.10288**
- **Medical Transcription Specialist Certificate: CBA.35285**

## Associate in Business Studies Degree/ Advanced Certificate

The efficiency of a medical office and the quality of medical care provided depend in large part upon the staff members who supplement and support the role of the physician. As a medical office staff member, you must have strong communication skills, organizational ability, computer knowledge, and excellent human relations skills.

Medical transcription specialists enter patient care documentation into medical records as well as complete physicians' correspondence and reports. Health insurance coding and claims specialists accurately report physician services for reimbursement to patients' insurance companies. Medical secretaries understand and use medical terminology; complete medical insurance claims; handle correspondence, medical records and physicians' dictation; greet and direct patients; and manage appointment schedules and the telephone. They are also required to understand the legal responsibilities of medical office staff members.

### Core Courses (required for all options)

| Course    | Credits         | Course Title                            | Notes | Completed |
|-----------|-----------------|---|-------|-----------|
| HSC 105   | 2               | Medical Terminology                     | >\$*5 | _____     |
| HSC 205W  | 2               | Legal Aspects of the Health Care System | >\$   | _____     |
| HSC 210   | 1               | Medical Office Pharmacology             | >5    | _____     |
| OAT 105W  | 1               | Time Management                         | >     | _____     |
| OAT 151   | 3               | Business Communication I                | >*2,6 | _____     |
| BIO 101W  | 4               | Introduction to Anatomy and Physiology  | >\$*5 | _____     |
| <b>13</b> | <b>SUBTOTAL</b> |   |       |           |

### Medical Transcription Specialist

| Course    | Credits  | Course Title                        | Notes   | Completed |
|-----------|--|-------------------------------------|---------|-----------|
|           | 13   | Core Courses                        |         | _____     |
| OAT 171   | 3  | Document Processing: Beginning      | >*\$1,4 | _____     |
| OAT 172   | 3  | Document Processing: Intermediate   | >*\$1,6 | _____     |
| OAT 260   | 3  | Medical Transcription: Beginning    | >*\$6   | _____     |
| OAT 262   | 3  | Medical Transcription: Intermediate | >*\$    | _____     |
| <b>25</b> | <b>TOTAL CREDITS REQUIRED FOR ADVANCED CERTIFICATE</b> |                                     |         |           |

### Health Insurance Coding & Claims Specialist

| Course    | Credits  | Course Title                   | Notes   | Completed |
|-----------|--|--------------------------------|---------|-----------|
|           | 13   | Core Courses                   |         | _____     |
| OAT 171   | 3  | Document Processing: Beginning | >*\$1,4 | _____     |
| OAT 243   | 3  | Diagnostic Coding              | >*\$    | _____     |
| OAT 244   | 3  | Procedure Coding               | >*\$    | _____     |
| OAT 254   | 3  | Medical Insurance I            | >*\$6   | _____     |
| OAT 255   | 3  | Medical Insurance II           | >*\$    | _____     |
| <b>28</b> | <b>TOTAL CREDITS REQUIRED FOR ADVANCED CERTIFICATE</b> |                                |         |           |

### Medical Secretary

| Course   | Credits | Course Title                       | Notes | Completed |
|----------|---------|------------------------------------|-------|-----------|
|          | 13      | Core Courses                       |       | _____     |
| MGT 153W | 3       | Introduction to Business           | 1     | _____     |
| PHL 203W | 3       | Business Ethics                    |       | _____     |
| HSC 140  | 2       | Basic Medical Emergencies          | \$    | _____     |
| OAT 116  | 2       | Introduction to the Medical Office | *3    | _____     |
| OAT 152  | 3       | Business Communication II          | *2    | _____     |

OR

|                       |       |                                      |        |       |
|-----------------------|-------|--------------------------------------|--------|-------|
| ENG 111               | (3/5) | Any College Composition I <b>AND</b> | *      | _____ |
| ENG 112               | (3/5) | Any College Composition II <b>OR</b> | *      | _____ |
| ENG 113               | (3)   | Technical Communication              | *      | _____ |
| OAT 155W              | 2     | Editing                              | 1      | _____ |
| OAT 157               | 2     | File Management                      | 1      | _____ |
| OAT 172               | 3     | Document Processing: Intermediate    | *\$1,6 | _____ |
| OAT 175               | 2     | Electronic Calculation               | 1,3    | _____ |
| OAT 243               | 3     | Diagnostic Coding                    | *\$    | _____ |
| OAT 244               | 3     | Procedure Coding                     | *\$    | _____ |
| OAT 254               | 3     | Medical Insurance I                  | *\$6   | _____ |
| OAT 255               | 3     | Medical Insurance II                 | *\$    | _____ |
| OAT 260               | 3     | Medical Transcription: Beginning     | *\$6   | _____ |
| OAT 266               | 4     | Medical Office Practice              | *\$6   | _____ |
| OAT 273               | 3     | Document Processing: Advanced        | *\$    | _____ |
| <b>57/64 SUBTOTAL</b> |       |                                      |        |       |

### General Education Courses

| Course   | Credits | Course Title                                 | Notes | Completed |
|--|---------|--|-------|-----------|
| LW ---   | 1       | Any 1 Credit LW Course (As of fall 2007)     |       | _____     |
| <b>AND</b>   |         |  |       |           |
| LWA ---  | 1       | Any 1 Credit LWA Course                      |       | _____     |
| <b>OR</b>  |         |  |       |           |
| LW ---   | (2)     | Any 2 Credit LW Course (As of fall 2007)     |       | _____     |
| POL ---  | 3/4     | Any Approved American Government Requirement |       | _____     |
| <b>5/6 SUBTOTAL</b>                                      |         |  |       |           |
| <b>62/70 TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE</b> |         |  |       |           |

#### Notations:

> A Certificate will be awarded when courses preceded by a greater than (“>”) sign are successfully completed.

\* A “C” minimum grade is required in each asterisked course.

**\$ Key Course:** Key courses must be completed within 5 years of completing certificate or degree. Failure to complete within the stated time frame will require you to repeat this course.

- Credit by exam is available for MGT 153, OAT 157, OAT 171, OAT 172, and OAT 175. Keyboarding waiver test is available for OAT 170. Contact the BIT Division office, 989-686-9127, to arrange for waiver test.
- Keyboarded assignments required for OAT 151 Business Communication I and OAT 152 Business Communication II.
- OAT 175 Electronic Calculation and OAT 116 Introduction to the Medical Office require MATH LEVEL 2.
- OAT 170 Keyboarding with a “B” grade or better or equivalent computer background with accurate touch typing speed of at least 25 words per minute is a prerequisite for OAT 171 Document Processing: Beginning.
- HSC 105 and one of the following: BIO 101, BIO 131, BIO 132, BIO 140, BIO 152, BIO 153, BIO 160, or BIO 240, both with a minimum grade of “C” (2.0) are prerequisites for HSC 210.
- OAT 266 is a winter-only offering. OAT 151, OAT 172, OAT 254, and OAT 260 with a C (2.0) grade minimum are the prerequisites for OAT 266.
- File an application for an associate or dual degree and/or certificate with the Registrar’s Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
- Delta College reserves the right to modify graduation requirements.
- If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Nursing (ADN)

## Options:

- Nursing (ADN) Associate Degree: AAS.20564



## Associate in Applied Science Degree

The ADN program prepares you to function effectively as a member of the health care team. This program requires a strong commitment to critical thinking, team collaboration, leadership, and development of sound clinical knowledge and skills. As a graduate nurse, you will be qualified for employment in structured settings: for example, acute care hospitals, extended care facilities, nursing homes, and clinics. Upon successfully completing this program, you are eligible to take the Registered Nurse licensure exam. This Delta College program is accredited by the National League for Nursing Accrediting Commission (3343 Peachtree Road NE, Suite 500, Atlanta, GA 30326; ph: 404-975-5000 or go to [www.nlnac.org](http://www.nlnac.org)) and approved by the Michigan Board of Nursing.

You must have a combined GPA of 2.5 or higher in all courses for the program in order to qualify for validation unless otherwise noted.

### Core Courses

| Course       | Credits | Course Title                               | Notes | Completed |
|--------------|---------|--|-------|-----------|
| BIO 152W     | 4       | Human Anatomy & Physiology I <b>AND</b>    | +1, 3 | _____     |
| BIO 153W     | 4       | Human Anatomy & Physiology II              | +1, 3 | _____     |
| <b>OR</b>    |         |  |       |           |
| BIO 240      | (4)     | Human Anatomy <b>AND</b>                   | +1, 3 | _____     |
| BIO 241      | (4)     | Physiology                                 | +1, 3 | _____     |
| BIO 203W     | 4       | General Microbiology                       | *1, 3 | _____     |
| ENG ---      | 3/5     | Any Approved College Composition I Course  | + 3   | _____     |
| ENG ---      | 3/5     | Any Approved College Composition II Course | * 3   | _____     |
| MTH 117      | 2/0     | Math for Allied Health or Comp Test        | *3    | _____     |
| NUR 100A     | 1       | Introduction to Nursing Careers            | *3    | _____     |
| PHL 215W     | 3       | Health Care Ethics                         | *3    | _____     |
| <b>OR</b>    |         |  |       |           |
| PHL 230      | (2)     | Bioethics for Nursing                      | *3    | _____     |
| PHM 285      | 3       | Pharmacology for Health Care Professionals | +3    | _____     |
| <b>24/31</b> |         | <b>SUBTOTAL</b>                            |       |           |

A minimum of 6 general education credits from list below required for validation. All credits required for graduation.

### General Education Courses

| Course       | Credits | Course Title                                 | Notes | Completed |
|--------------|---------|--|-------|-----------|
| LW ---       | 1       | Any 1 Credit LW Course (As of fall 2007)     | *3    | _____     |
| <b>AND</b>   |         |  |       |           |
| LWA ---      | 1       | Any 1 Credit LWA Course                      | *3    | _____     |
| <b>OR</b>    |         |  |       |           |
| LW ---       | (2)     | Any 2 Credit LW Course (As of fall 2007)     | *3    | _____     |
| POL ---      | 3/4     | Any Approved American Government Requirement | *3    | _____     |
| PSY 211W     | 4       | General Psychology                           | *3    | _____     |
| SOC 211W     | 3       | Principles of Sociology                      | *3    | _____     |
| <b>12/13</b> |         | <b>SUBTOTAL</b>                              |       |           |

CLINICAL SEQUENCE (Full-and Part-time Program)

Prior to attempting to register to begin the clinical sequence, you must complete the "Validation Application!" and be officially validated. See Validation Procedure in this catalog for the required process.

**Basic Program Requirements: Full-time ADN Track: Runs over 4 semesters Fall/Winter**

| Course     | Credits | Course Title   | Notes | Completed |
|------------|---------|--|-------|-----------|
| NUR 101AW  | 3.5     | Nursing Fundamentals <b>AND</b>  | *     | _____     |
| NUR 101ALW | 1.5     | Nursing Fundamentals Lab   | *     | _____     |
| NUR 101BW  | 2.0     | Care of the Aging Adult <b>AND</b>                                     | *     | _____     |
| NUR 101BLW | 2.0     | Care of the Aging Adult Lab  | *     | _____     |
| NUR 115W   | 2.0     | Maternity Nursing <b>AND</b>   | *     | _____     |
| NUR 115LW  | 1.0     | Maternity Nursing Lab  | *     | _____     |
| NUR 116W   | 2.0     | Pediatric Nursing <b>AND</b>   | *     | _____     |
| NUR 116LW  | 1.0     | Pediatric Nursing Lab  | *     | _____     |
| NUR 119W   | 2.0     | Mental Health Nursing <b>AND</b>                                       | *     | _____     |
| NUR 119LW  | 1.0     | Mental Health Nursing Lab  | *     | _____     |
| NUR 240W   | 4.7     | Basic Nursing Care of the Adult Client <b>AND</b>                      | *     | _____     |
| NUR 240LW  | 4.3     | Basic Nursing Care of the Adult Lab                                    | *     | _____     |
| NUR 250W   | 4.0     | Nursing Care and Management Throughout the Health Continuum <b>AND</b> | *     | _____     |
| NUR 250LW  | 5.0     | Nursing Care and Management Throughout the Health Continuum            | *     | _____     |
| <b>36</b>  |         | <b>SUBTOTAL OF FULL-TIME ADN CLINICAL COURSES</b>                      |       |           |

OR

**Basic Program Requirements: Part-time ADN Track: Runs Year Round**

| Course     | Credits | Course Title   | Notes | Completed |
|------------|---------|--|-------|-----------|
| NPT 101AW  | 3.5     | Nursing Fundamentals <b>AND</b>  | *     | _____     |
| NPT 101ALW | 1.5     | Nursing Fundamentals Lab   | *     | _____     |
| NPT 101BW  | 2.0     | Care of the Aging Adult <b>AND</b>                                     | *     | _____     |
| NPT 101BLW | 2.0     | Care of the Aging Adult Lab  | *     | _____     |
| NPT 115W   | 2.0     | Maternity Nursing <b>AND</b>   | *     | _____     |
| NPT 115LW  | 1.0     | Maternity Nursing Lab  | *     | _____     |
| NPT 116W   | 2.0     | Pediatric Nursing <b>AND</b>   | *     | _____     |
| NPT 116LW  | 1.0     | Pediatric Nursing Lab  | *     | _____     |
| NPT 119W   | 2.0     | Mental Health Nursing <b>AND</b>                                       | *     | _____     |
| NPT 119LW  | 1.0     | Mental Health Nursing Lab  | *     | _____     |
| NPT 240W   | 4.7     | Basic Nursing Care of the Adult Client <b>AND</b>                      | *     | _____     |
| NPT 240LW  | 4.3     | Basic Nursing Care of the Adult Client Lab                             | *     | _____     |
| NPT 250W   | 4.0     | Nursing Care and Management Throughout the Health Continuum <b>AND</b> | *     | _____     |
| NPT 250LW  | 5.0     | Nursing Care and Management Throughout the Health Continuum Lab        | *     | _____     |
| <b>36</b>  |         | <b>SUBTOTAL OF PART-TIME ADN CLINICAL COURSES</b>                      |       |           |

**72/80 TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE (FULL- OR PART-TIME)**

**Notations:**

\* **A "C" minimum grade is required for this course.**

+ **A "B" minimum grade is required for this course.**

1. Students must have completed BIO 152 and BIO 153 or BIO 240 and BIO 241 within the past ten years. If this time period is exceeded, an approved biology course must be taken to refresh this content. Please see the nursing program coordinator to determine which course(s) must be taken. It is recommended that BIO 203 also be current within ten years.
2. It is important that you check a semester ahead of time when you plan on validating for the nursing program to make sure course requirements have not changed. Updated information can be found through the nursing web page: [www.delta.edu/nursing](http://www.delta.edu/nursing), calling the Counseling Office (989-686-9330) or the Nursing Discipline Office (989-686-9500 or 989-686-9274).
3. Prerequisite qualifications for validation are: (a) be admitted to Delta College, (b) provide official transcripts reflecting high school diploma or GED, and all other colleges or training institutions attended; completion of BIO 152, BIO 153, ENG 111, and PHM 285 with a minimum grade of "B" (3.0);

- 
- and completion of the remaining core/prerequisite courses with a “C” (2.0) minimum grade and a combined GPA of 2.5 or greater, and completion of at least 6 credit hours from the General Ed courses with a “C” grade or better. All General Education courses must be taken prior to graduation from the program. If pursuing a BSN degree, PHL 215 is recommended.
4. Due to limited capacity of clinical facilities and the specific requirements of the accreditation agencies, this Program is considered a “limited enrollment” program. You will be eligible to attempt to register for clinical courses only after successfully completing the prerequisite qualifications and receiving a “Semester and Year of Validation” from the Registrar’s Office.
  5. The Nursing Student Handbook contains additional information, requirements and specific program policies that you are required to comply with while enrolled in the nursing program. See [www.delta.edu/nursing](http://www.delta.edu/nursing) Nursing Student Handbook. You must comply with all Nursing Program Policies.
  6. In addition to tuition and textbook costs, you must provide your own uniforms, clinic shoes, name tags and transportation to clinical agency settings, including possible parking charges. See [www.delta.edu/nursing](http://www.delta.edu/nursing) for program costs.
  7. Full-time ADN track courses start each Fall and each Winter Semester with NUR 101AW. Part-time ADN Track courses start Fall semester only (NPT 101AW) with the program running year round. See web site: [www.delta.edu/nursing](http://www.delta.edu/nursing) for more information. A student who designates their ADN track of choice will remain in that track for validation. There will be some flexibility between tracks (Full-time or Part-time) once the student is in the clinical sequence, but the student will need to go through the Nursing Re-Entry Review Board for approval based on the seating availability (see Nursing Student Handbook: [www.delta.edu/nursing](http://www.delta.edu/nursing)).
  8. Program-Entry Health Requirements: You must submit an up-to-date complete physical examination report to the Nursing Office prior to entrance into the first clinical course. As a clinical student, you are required to have a TB skin test completed annually. The physical examination must confirm that you are free from communicable disease and capable of performing all the duties necessary for the safe care of patients. A positive TB test will require a recent chest x-ray. Proof of Hepatitis B vaccine immunization must be submitted with the physical exam form or you must submit a signed waiver form. For persons born after 1957, documentation of immunization for MMR must be provided. Evidence of current (within ten years) Tetanus immunization status is required. You must submit all up-to-date health requirements to the Nursing Discipline Office prior to entrance into the first clinical course. CPR Training: You must have a CPR card, which must remain current throughout the clinical program. A photocopy of your certificate must be turned in to the Nursing Discipline Office prior to the start of classes. The CPR certification must include one and two person rescuer, child and infant rescuer, airway obstruction relief, and use of AED. Students with expired CPR certification, TB test, and/or physical exam will not be allowed to attend clinical.
  9. Any student with a previous or current felony/misdemeanor conviction must inform the Nursing Program Coordinator of said conviction. Students should be aware that a felony/misdemeanor conviction may constitute grounds for ineligibility to sit for the Nursing Licensure examination. Students should be aware that the current licensure application form now requires that a criminal background check requiring fingerprinting be completed. Questions regarding licensure can be found at <http://www.michigan.gov/healthlicense> or be directed to the Michigan Board of Nursing at 517-335-0918.
  10. All entering nursing students must be fingerprinted as part of health care agency requirements and for the Michigan Nursing Scholarship. Students will complete and sign a release form allowing Delta College Public Safety to complete a background check. Information about this process will be provided to the student at orientation. Results of the background check will be secured and kept confidential, but may be shared with clinical agencies when requested or as otherwise required by law. If results indicate a felony/misdemeanor conviction, the Nursing Program Coordinator will discuss the findings and the process with the student. A felony/misdemeanor conviction may delay or end the student’s nursing education, delay graduation, or change the curriculum from which the student may graduate.
  11. If a student in good standing or granted reentry into the program has a period of inactivity within a program track that exceeds 18 months, the student will need to revalidate for a program track and complete the entire clinical program.
  12. A person can achieve PNE program completion if NUR/NPT 101A, NUR/NPT 101AL, NUR/NPT 101B, NUR/NPT 101BL, NUR/NPT 115, NUR/NPT 115L, NUR/NPT 116, NUR/NPT 116L, NUR/NPT 240, and NUR/NPT 240L are successfully completed.
  13. File an application for an associate or dual degree and/or certificate with the Registrar’s Office by at least 18 months prior to expected graduation. See page 196 for other graduation requirements.
  14. Delta College reserves the right to modify graduation requirements.
  15. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements. Also see “Dual Degrees.”

# Nursing RN Transition Track



## Options:

- Licensed Paramedic To RN Associate Degree: AAS.20569
- Licensed Practical Nurse To RN Associate Degree: AAS.20568

## Associate in Applied Science Degree

Delta College offers a special track Associate Degree program for currently Licensed Practical Nurses (LPN) and currently Licensed Paramedics with 1-year equivalent work experience within three years of admission to the program.

The ADN program prepares you to function effectively as a member of the health care team. This program requires a strong commitment to critical thinking, team collaboration, leadership, and development of sound clinical knowledge and skills. As a graduate nurse, you will be qualified for employment in structured settings: for example, acute care hospitals, extended care facilities, nursing homes, and clinics. Upon graduating from this Program, you are eligible to take the Registered Nurse licensure exam. This Delta College Program is accredited by the National League for Nursing Accrediting Commission (3343 Peachtree Road NE, Suite 500, Atlanta, GA 30326, ph: 404-975-5000 or go to [www.nlnac.org](http://www.nlnac.org)) and approved by the Michigan Board of Nursing.

You must have a combined GPA of 2.5 or higher in the following courses in order to qualify for validation.

### Core Courses

| Course       | Credits | Course Title                               | Notes | Completed |
|--------------|---------|--|-------|-----------|
| BIO 152W     | 4       | Human Anatomy & Physiology I <b>AND</b>    | +1,3  | _____     |
| BIO 153W     | 4       | Human Anatomy & Physiology II              | +1,3  | _____     |
| <b>OR</b>    |         |  |       |           |
| BIO 240      | (4)     | Human Anatomy <b>AND</b>                   | +1,3  | _____     |
| BIO 241      | (4)     | Physiology                                 | +1,3  | _____     |
| BIO 203W     | 4       | General Microbiology                       | *1,3  | _____     |
| ENG ---      | 3/5     | Any Approved College Composition I Course  | +3    | _____     |
| ENG ---      | 3/5     | Any Approved College Composition II Course | *3    | _____     |
| MTH 117      | 2/0     | Math for Allied Health or Competency Test  | *3    | _____     |
| PHL 215W     | 3       | Health Care Ethics                         | *3    | _____     |
| <b>OR</b>    |         |  |       |           |
| PHL 230      | (2)     | Bioethics for Nursing                      | *3    | _____     |
| PHM 285      | 3       | Pharmacology for Health Care Professionals | +3    | _____     |
| <b>23/30</b> |         | <b>SUBTOTAL</b>                            |       |           |

A minimum of 6 general education credits from list below required for validation. All credits completed for graduation.

### General Education Courses

| Course       | Credits | Course Title                                 | Notes | Completed |
|--------------|---------|--|-------|-----------|
| LW ---       | 1       | Any 1 Credit LW Course (As of fall 2007)     | *3    | _____     |
| <b>AND</b>   |         |  |       |           |
| LWA ---      | 1       | Any 1 Credit LWA Course                      | *3    | _____     |
| <b>OR</b>    |         |  |       |           |
| LW ---       | (2)     | Any 2 Credit LW Course (As of fall 2007)     | *3    | _____     |
| POL ---      | 3/4     | Any Approved American Government Requirement | *3    | _____     |
| PSY 211W     | 4       | General Psychology                           | *3    | _____     |
| SOC 211      | 3       | Principles of Sociology                      | *3    | _____     |
| <b>12/13</b> |         | <b>SUBTOTAL</b>                              |       |           |

Prior to attempting to register to begin the clinical sequence, you must complete the "Validation Application" and be officially validated. See Validation Procedures in this catalog for the required process.

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**Basic Program Requirements: Clinical Program Requirements - Paramedic Option**

| Course    | Credits | Course Title   | Notes | Completed |
|-----------|---------|--|-------|-----------|
| NT 160W   | 1       | Transitional Skills and Concepts <b>AND</b>                                  | *7    | _____     |
| NT 160LW  | 1       | Transitional Skills and Concepts Lab   | *7    | _____     |
| NT 161W   | 2       | Transition - Basic Principles of Adult Care                                  | *     | _____     |
| NT 162W   | 2       | Role and Function of the RN  | *     | _____     |
| NT 163W   | 3       | Advanced Principles of Adult Care for the LPN/Licensed Paramedic <b>AND*</b> |       | _____     |
| NT 163LW  | 3       | Advanced Principles of Adult Care for the LPN/Licensed Paramedic Lab *       |       | _____     |
| NT 215W   | 2       | Transition-Maternity Nursing <b>AND</b>                                      | *     | _____     |
| NT 215LW  | 1       | Transition-Maternity Nursing Lab   | *     | _____     |
| NT 216W   | 2       | Transition-Pediatric Nursing <b>AND</b>                                      | *     | _____     |
| NT 216LW  | 1       | Transition-Pediatric Nursing Lab   | *     | _____     |
| NT 219W   | 2       | Transition-Mental Health Nursing <b>AND</b>                                  | *     | _____     |
| NT 219LW  | 1       | Transition-Mental Health Nursing Lab   | *     | _____     |
| NUR 250W  | 4       | Nursing Care and Management Throughout the Health Continuum <b>AND *</b>     |       | _____     |
| NUR 250LW | 5       | Nursing Care and Management Throughout the Health Continuum                  | *     | _____     |
| <b>30</b> |         | <b>SUBTOTAL</b>  |       |           |

**Basic Program Requirements: Clinical Program Requirements - LPN Option**

| Course       | Credits | Course Title   | Notes | Completed |
|--------------|---------|--|-------|-----------|
| NT 160W      | (1.0)   | Transitional Skills and Concepts   | *7    | _____     |
| NT 160LW     | (1.0)   | Transitional Skills and Concepts Lab   | *7    | _____     |
| NT 161W      | 2.0     | Transition - Basic Principles of Adult Care                                  | *     | _____     |
| NT 162W      | 2.0     | Role and Function of the RN  | *     | _____     |
| NT 163W      | 3.0     | Advanced Principles of Adult Care for the LPN/Licensed Paramedic <b>AND*</b> |       | _____     |
| NT 163LW     | 3       | Advanced Principles of Adult Care for the LPN/Licensed Paramedic Lab *       |       | _____     |
| NT 215W      | 2.0     | Transition-Maternity Nursing <b>AND</b>                                      | *     | _____     |
| NT 215LW     | 1.0     | Transition-Maternity Nursing Lab   | *     | _____     |
| NT 216W      | 2.0     | Transition-Pediatric Nursing <b>AND</b>                                      | *     | _____     |
| NT 216LW     | 1.0     | Transition-Pediatric Nursing Lab   | *     | _____     |
| NT 219W      | 2.0     | Transition-Mental Health Nursing <b>AND</b>                                  | *     | _____     |
| NT 219LW     | 1.0     | Transition-Mental Health Nursing Lab   | *     | _____     |
| NUR 250W     | 4.0     | Nursing Care and Management Throughout the Health Continuum <b>AND *</b>     |       | _____     |
| NUR 250LW    | 5.0     | Nursing Care and Management Throughout the Health Continuum                  | *     | _____     |
| <b>28/30</b> |         | <b>SUBTOTAL</b>  |       |           |
| <b>65/73</b> |         | <b>TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE: PARAMEDIC OPTION</b>         |       |           |
| <b>63/73</b> |         | <b>TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE: LPN OPTION</b>               |       |           |

**Notations:**

\* A "C" minimum grade is required in each asterisked course.

+ A "B" minimum grade is required for this course.

1. Students must have completed BIO 152 and BIO 153 or BIO 240 and BIO 241 within the past ten years. If this time period is exceeded, an approved biology course must be taken to refresh this content. Please see the nursing program coordinator to determine which course(s) must be taken. It is recommended that BIO 203 also be current within ten years.
2. It is important that you check a semester ahead of time when you plan on validating for the nursing program to make sure course requirements have not changed. Updated information can be found through the nursing web page: [www.delta.edu/nursing](http://www.delta.edu/nursing), calling the Counseling Office (989-686-9330) or the Nursing Discipline Office (989-686-9500 or 989-686-9274).
3. Prerequisite qualifications for validation are: (a) be admitted to Delta College, (b) provide official transcripts reflecting high school diploma or GED, and all other colleges or training institutions attended; completion of BIO 152, BIO 153, ENG 111, and PHM 285 with a minimum grade of "B" (3.0); and completion of the remaining core/prerequisite courses with a "C" (2.0) minimum grade and a combined GPA of 2.5 or greater, and completion of at least 6 credit hours from the General Ed courses with a "C" grade or better. All General Education courses must be taken prior to graduation from the program. If pursuing a BSN degree, PHL 215 is recommended.
4. Due to limited capacity of clinical facilities and the specific requirements of the accreditation agencies, this Program is considered a "limited enrollment" program. You will be eligible to attempt to register for clinical courses only after successfully completing the prerequisite qualifications and receiving a "Semester and Year of Validation" from the Registrar's Office.

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5. The Nursing Student Handbook contains additional information, requirements and specific program policies that you are required to comply with while enrolled in the nursing program. See [www.delta.edu/nursing](http://www.delta.edu/nursing) Nursing Student Handbook. You must comply with all Nursing Program Policies.
  6. In addition to tuition and textbook costs, you must provide your own uniforms, clinic shoes, name tags and transportation to clinical agency settings, including possible parking charges. See [www.delta.edu/nursing](http://www.delta.edu/nursing) for program costs.
  7. Admission to the NT track is yearly, usually Winter semester. NT 160 and NT 160L are required for Paramedics and strongly recommended for LPNs not in the acute care practice setting. Only current licensed LPNs and licensed Paramedics have the option to take the Transition Track leading to RN licensure. Proof of current licensure must be provided to Records and Registration at the time of validation. A minimum of one-year full-time equivalent work experience required before entering into clinicals verified by the program coordinator. The PN graduate from another school of nursing who transfers to the Delta LPN/Licensed Paramedic to ADN Transition track or the PN graduate from the Delta College Practical Nursing program who wishes to by-pass the minimum of one-year full-time equivalent work experience required before entering into clinicals, may do so after meeting the following requirements:
    - Successfully graduate from PN program (or transfer into Delta College from another PN program)
    - Completes all required pre-requisite courses for the ADN program validation
    - Maintains a GPA of 3.0 or higher throughout ADN pre-requisite courses and PN clinical courses
    - Successfully pass the NCLEX-PN
    - Apply for LPN to ADN validation after graduation from PN program
    - Register for LPN to ADN clinical entry
  8. Program-Entry Health Requirements: You must submit an up-to-date complete physical examination report to the Nursing Office prior to entrance into the first clinical course. As a clinical student, you are required to have a TB skin test completed annually. The physical examination must confirm that you are free from communicable disease and capable of performing all the duties necessary for the safe care of patients. A positive TB test will require a recent chest x-ray. Proof of Hepatitis B vaccine immunization must be submitted with the physical exam form or you must submit a signed waiver form. For persons born after 1957, documentation of immunization for MMR must be provided. Evidence of current (within ten years) Tetanus immunization status is required. You must submit all up-to-date health requirements to the Nursing Discipline Office prior to entrance into the first clinical course. CPR Training: You must have a CPR card, which must remain current throughout the clinical program. A photocopy of your certificate must be turned in to the Nursing Discipline Office prior to the start of classes. The CPR certification must include one and two person rescuer, child and infant rescuer, airway obstruction relief, and use of AED. Students with expired CPR certification, TB test, and/or physical exam will not be allowed to attend clinical.
  9. Any student with a previous or current felony/misdemeanor conviction must inform the Nursing Program Coordinator of said conviction. Students should be aware that a felony/misdemeanor conviction may constitute grounds for ineligibility to sit for the Nursing Licensure examination. Students should be aware that the current licensure application form now requires that a criminal background check requiring fingerprinting be completed. Questions regarding licensure can be found at <http://www.michigan.gov/healthlicense> or be directed to the Michigan Board of Nursing at 517-335-0918.
  10. All entering nursing students must be fingerprinted as part of health care agency requirements and for the Michigan Nursing Scholarship. Students will complete and sign a release form allowing Delta College Public Safety to complete a background check. Information about this process will be provided to the student at orientation. Results of the background check will be secured and kept confidential, but may be shared with clinical agencies when requested or as otherwise required by law. If results indicate a felony/misdemeanor conviction, the Nursing Program Coordinator will discuss the findings and the process with the student. A felony/misdemeanor conviction may delay or end the student's nursing education, delay graduation, or change the curriculum from which the student may graduate.
  11. If a student in good standing or granted reentry into the program has a period of inactivity within a program track that exceeds three years, the student will need to revalidate for a program track and complete the entire program.
  12. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
  13. Delta College reserves the right to modify graduation requirements.
  14. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements. Also see "Dual Degrees."

# Office Professions



## Options:

- Office Skills Core Certificate: CBZ.35293
- Office Assistant Certificate: CBA.35291
- Office Specialist Certificate: CBA.35292
- Administrative Assistant Associate Degree: ABS.10296

## Associate in Business Studies Degree/ Certificate of Achievement/ Advanced Certificate

Office professions continue to evolve along with new office automation and organizational restructuring. In many cases, office professionals have assumed new responsibilities and learned to operate a variety of office equipment. Most organizations employ office professionals to perform and coordinate office activities and to ensure that information is disseminated to staff and clients. Managers, professionals, and other support staff rely on them to keep administrative operations under control.

Office professionals are responsible for a variety of clerical and administrative duties that are necessary to run and maintain organizations efficiently. They use personal computers to communicate electronically and to run spreadsheet, word processing, database management, desktop publishing, and graphics programs.

Administrative assistants perform fewer clerical tasks than lower-level office professionals. In addition to receiving visitors, arranging conference calls, and answering letters, they may handle more complex responsibilities such as conducting research, preparing statistical reports, and supervising other clerical staff.

The following certificates have been ladderred (sequenced) to lead to the completion of the associate degree:

### Office Skills Core

| Course    | Credits | Course Title  | Notes   | Completed |
|-----------|---------|---|---------|-----------|
| CST 106   | 1       | Internet Foundations  | >\$     | _____     |
| OAT 105W  | 1       | Time Management   | >       | _____     |
| OAT 151   | 3       | Business Communication I  | >*3     | _____     |
| OAT 157   | 2       | File Management   | >1      | _____     |
| OAT 171   | 3       | Document Processing: Beginning  | >*\$1,8 | _____     |
| OAT 175   | 2       | Electronic Calculation  | >1,9    | _____     |
| <b>12</b> |         | <b>TOTAL CREDITS REQUIRED FOR OFFICE SKILLS CORE CERTIFICATE OF ACHIEVEMENT</b> |         |           |

### Office Assistant

| Course       | Credits | Course Title  | Notes    | Completed |
|--------------|---------|---|----------|-----------|
|              | 12      | Office Skills Core Certificate of Achievement                           |          | _____     |
| CST 105      | 1       | Outlook   | >\$1     | _____     |
| CST 147      | 2       | Presentation Graphics Using PowerPoint                                  | >\$      | _____     |
| CST 151      | 2       | Spreadsheet Fundamentals  | >*\$1, 7 | _____     |
| PHL 203W     | 3       | Business Ethics   | >        | _____     |
| OAT 152      | 3       | Business Communication II   | >* 3     | _____     |
| <b>OR</b>    |         |   |          |           |
| ENG 111      | (3)     | College Composition I <b>AND</b>  | *        | _____     |
| ENG 112      | (3)     | College Composition II <b>OR</b>  | *        | _____     |
| ENG 113      | (3)     | Technical Communication   |          | _____     |
| OAT 172      | 3       | Document Processing: Intermediate                                       | >*\$1    | _____     |
| <b>26/29</b> |         | <b>TOTAL CREDITS REQUIRED FOR OFFICE ASSISTANT ADVANCED CERTIFICATE</b> |          |           |

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**Office Specialist**

| Course   | Credits | Course Title                          | Notes    | Completed |
|----------|---------|---------------------------------------|----------|-----------|
|          | 26/29   | Office Assistant Advanced Certificate |          | _____     |
| CST 103  | 1       | Windows Foundations                   | >\$1     | _____     |
| CST 107  | 1       | Microsoft Publisher                   | >*\$     | _____     |
| CST 110  | 1       | Web Page Development Using HTML       | >\$      | _____     |
| CST 257  | 3       | Database MS Access                    | >*\$     | _____     |
| OAT 155W | 2       | Editing                               | >        | _____     |
| OAT 166W | 3       | Office Internship                     | >\$ 5    | _____     |
| OAT 285W | 3       | Office Technology                     | >\$ 6,10 | _____     |

**40/43 TOTAL CREDITS REQUIRED FOR OFFICE SPECIALIST ADVANCED CERTIFICATE**

**Administrative Assistant**

| Course    | Credits | Course Title                           | Notes | Completed |
|-----------|---------|--|-------|-----------|
|           | 40/43   | Office Specialist Advanced Certificate |       | _____     |
| ACC 111   | 4       | Introductory Accounting                | 2     | _____     |
| <b>OR</b> |         |  |       |           |
| ACC 211   | (4)     | Principles of Accounting I             | 2     | _____     |
| MGT 153W  | 3       | Introduction to Business               | 1     | _____     |
| OAT 268   | 3       | Administrative Office Practices        | *\$   | _____     |
| OAT 273   | 3       | Document Processing: Advanced          | *\$   | _____     |
| COM 202W  | 3       | Oral Communication for Managers        |       | _____     |
|           | 1       | Elective Credit                        |       | _____     |

**57/60 SUBTOTAL**

**General Education Courses**

| Course     | Credits | Course Title                             | Notes | Completed |
|------------|---------|--|-------|-----------|
| LW 220W    | 1       | Lifelong Wellness                        |       | _____     |
| <b>AND</b> |         |  |       |           |
| LWA ---    | 1       | Any 1 Credit LWA Course                  |       | _____     |
| <b>OR</b>  |         |  |       |           |
| LW ---     | (2)     | Any 2 Credit LW Course (As of fall 2007) |       | _____     |
| POL ---    | 3/4     | Any Approved Government Requirement      |       | _____     |

**5/7 SUBTOTAL**

**62/67 TOTAL CREDITS REQUIRED FOR ADMINISTRATIVE ASSISTANT ASSOCIATE DEGREE**

**Notations:**

\* A "C" minimum grade is required in each asterisked course.

> A Certificate will be awarded when courses preceded by a greater than (">") sign are successfully completed.

**\$ Key Course:** Key courses must be completed within 5 years of completing certificate or degree. Failure to complete within the stated time frame will require you to repeat this course.

- Credit by examination is available for CST 103, CST 105, CST 151, OAT 157, OAT 171, OAT 172, OAT 175, and MGT 153. Keyboarding waiver test is available for OAT 170. Contact the BIT Division office, 989-686-9127, to arrange for waiver test.
- If you are planning to transfer, you should select ACC 211.
- Keyboarded assignments are required for OAT 151 Business Communication I and OAT 152 Business Communication II.
- Students must apply for placement in OAT 166 Office Internship in semester previous to anticipated placement.
- ACE Year 1 Experience or ACE 280, or ACE 285 may be substituted for OAT 166 Office Internship. Contact the Office of Academic Career Education and Experiential Learning for more information and permission to register.
- On-site visitations required in OAT 285 Office Technology.
- CST 155 Microsoft Excel may be used to substitute for CST 151 Spreadsheet Fundamentals.
- OAT 170 Keyboarding with a "B" grade or better or equivalent computer background with accurate touch typing speed of at least 25 words per minute is a prerequisite for OAT 171 Document Processing: Beginning.
- OAT 175 Electronic Calculation requires MATH LEVEL 2.
- OAT 285 Office Technology is a fall-only class.
- OAT 268 Administrative Office Practices is a winter-only class. OAT 151, OAT 172, CST 147, CST 151, CST 257 with a C (2.0) grade minimum are the prerequisites for OAT 268.
- Students may earn credit hours with evidence of CPS or CAP certification. Consult Counseling & Advising Services for more information.
- File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation.

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See page 196 for other graduation requirements.

14. Delta College reserves the right to modify graduation requirements.

15. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Personal Trainer



## Options:

- **Personal Trainer Certificate: CSA.35742**

## Advanced Certificate

Upon completion of the Personal Trainer Certificate Program, you will have the knowledge and skills necessary to effectively assist apparently healthy individuals and those with controlled diseases in exercising safely and achieving higher levels of fitness or athletic performance. This program will provide the knowledge and practical experience in all of the following areas: client consultation and assessment, fitness program development, exercise techniques, safety procedures, and legal issues. Upon completion of this program, you will be eligible to sit for the American Council on Exercise (ACE) certification exam or the National Strength and Conditioning Association (NSCA) Certified Personal Trainer exam.

### Basic Program Requirements

| Course     | Credits | Course Title                               | Notes | Completed |
|------------|---------|--|-------|-----------|
| BIO 101W   | 4       | Introduction to Anatomy And Physiology     | *     | _____     |
| <b>OR</b>  |         |  |       |           |
| BIO 152W   | (4)     | Human Anatomy & Physiology I               | *     | _____     |
| <b>OR</b>  |         |  |       |           |
| BIO 140W   | (5)     | Essentials Of Human Anatomy & Physiology   | *     | _____     |
| COM 202W   | 3       | Oral Communication for Managers            | *     | _____     |
| LW 220W    | 1       | Lifelong Wellness                          | *     | _____     |
| HSC 140    | 2       | Basic Medical Emergencies                  | *     | _____     |
| <b>OR</b>  |         |  |       |           |
| LWT 165    | (1)     | Community First Aid                        | *     | _____     |
| <b>AND</b> |         |  |       |           |
| LWT 170    | (1)     | BLS for the Health Care Provider           | *     | _____     |
| LWT 210    | 3       | Nutrition: The Science of Optimal Living   | *     | _____     |
| LWT 230    | 3       | Theory of Strength and Conditioning        | *     | _____     |
| LWT 240    | 4       | Health Fitness Instructor/Personal Trainer | *     | _____     |
| LWT 251    | 4       | Exercise Physiology                        | *     | _____     |
| LWT 255    | 3       | Health Fitness Management and Promotion    | *     | _____     |
| LWA ---    | 1       | Lifelong Wellness Elective from Category A |       | _____     |
| LWA ---    | 1       | Lifelong Wellness Elective from Category B |       | _____     |

**29/30.5 SUBTOTAL**

### LWA Electives - Category A (Choose from list below for Basic Program Requirements)

| Course  | Credits | Course Title          | Notes | Completed |
|---------|---------|-----------------------|-------|-----------|
| LWA 101 | 1       | Fitness for Life      | *     | _____     |
| LWA 106 | 1       | Athletic Conditioning | *     | _____     |
| LWA 108 | 1       | Weight Training       | *     | _____     |
| LWA 111 | 1       | Circuit Training      | *     | _____     |

**SUBTOTAL**

### LWA Electives - Category B (Choose from list below for Basic Program Requirements)

| Course   | Credits | Course Title            | Notes | Completed |
|----------|---------|-------------------------|-------|-----------|
| LWA 151  | 1       | Kick Boxing             | *     | _____     |
| LWA 152  | 1.5     | Astanga Yoga            | *     | _____     |
| LWA 154W | 1       | BOSU Ball Training      | *     | _____     |
| LWA 156W | 1       | Stability Ball Training | *     | _____     |
| LWA 158  | 1       | Pilates                 | *     | _____     |

**SUBTOTAL**

**29/30.5 TOTAL CREDITS REQUIRED FOR CERTIFICATE**

## Notations:

\* A "C" minimum grade is required in each asterisked course.

1. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation.

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- See page 196 for other graduation requirements.
2. Delta College reserves the right to modify graduation requirements.

# Physical Therapist Assistant

## Options:

- **Physical Therapist Assistant Associate Degree: AAS.20573**



## Associate in Applied Science Degree

Delta's program is for the training of Physical Therapist Assistants only. If you are planning to become a Physical Therapist, you should follow the Pre-Physical Therapy program guide and meet with a counselor.

As a Physical Therapist Assistant, you will work under the direction and supervision of Physical Therapists. Such settings include: acute care hospitals, rehabilitation centers, school systems, nursing homes, home care, out-patient facilities, private clinics, and specialty clinics. As a graduate of this program, you will be able to carry out patient treatment programs designed by the Physical Therapist that utilize heat, cold, light, sound, massage, therapeutic exercise, aquatics, manual therapy, and rehabilitation procedures. This program is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE).

Option A - Regular Track (Students can take and complete these validation courses at their own pace.)

### General Education Courses

| Course       | Credits | Course Title                                 | Notes | Completed |
|--------------|---------|--|-------|-----------|
| BIO 140W     | 5       | Essentials of Human Anatomy & Physiology     | +2    | _____     |
| <b>OR</b>    |         |  |       |           |
| BIO 152W     | (4)     | Human Anatomy & Physiology I <b>AND</b>      | +2    | _____     |
| BIO 153W     | (4)     | Human Anatomy & Physiology II                | +2    | _____     |
| <b>OR</b>    |         |  |       |           |
| BIO 240      | (4)     | Human Anatomy <b>AND</b>                     | +2    | _____     |
| BIO 241      | (4)     | Physiology                                   | +2    | _____     |
| COM 114W     | 3       | Interpersonal Communication                  | *2    | _____     |
| ENG 111      | 3       | College Composition I                        | *2    | _____     |
| HSC 105      | 2       | Medical Terminology                          | *2    | _____     |
| POL ---      | 3/4     | Any Approved American Government Requirement | *%    | _____     |
| PSY 101W     | 3       | Applied Psychology                           | *2    | _____     |
| <b>19/23</b> |         | <b>SUBTOTAL</b>                              |       |           |

Option B - Accelerated Track (Students must take these validation courses in one semester.)

### General Education Courses

| Course       | Credits | Course Title                                 | Notes | Completed |
|--------------|---------|--|-------|-----------|
| BIO 140W     | 5       | Essentials Of Human Anatomy & Physiology     | +3    | _____     |
| COM 114W     | 3       | Interpersonal Communication                  | *3    | _____     |
| ENG 111      | 3       | College Composition I                        | *3    | _____     |
| HSC 105      | 2       | Medical Terminology                          | *3    | _____     |
| POL ---      | 3/4     | Any Approved American Government Requirement | *%    | _____     |
| PSY 101W     | 3       | Applied Psychology                           | *3    | _____     |
| <b>19/20</b> |         | <b>SUBTOTAL</b>                              |       |           |

Prior to attempting to register to begin the clinical sequence, you must complete the Validation Application. See Validation Procedures in this catalog for the required process.

Clinical Program Course Sequence

**Semester 1 (Fall)**

| Course    | Credits         | Course Title                         | Notes | Completed |
|-----------|-----------------|--------------------------------------|-------|-----------|
| ENG 113   | 3               | Technical Communication              | *     | _____     |
| LW 206A   | 1               | Occupational Wellness 1              | *     | _____     |
| PTA 101   | 2               | Applied Clinical Anatomy I           | *     | _____     |
| PTA 101LW | 1               | Applied Clinical Anatomy I Lab       | *     | _____     |
| PTA 105   | 2               | Physical Agents                      | *     | _____     |
| PTA 105LW | 2               | Physical Agents Lab                  | *     | _____     |
| PTA 110   | 2               | Fundamentals of Patient Mobility     | *     | _____     |
| PTA 110L  | 1               | Fundamentals of Patient Mobility Lab | *     | _____     |
| <b>14</b> | <b>SUBTOTAL</b> |                                      |       |           |

**Semester 2 (Winter)**

| Course      | Credits         | Course Title                    | Notes | Completed |
|-------------|-----------------|---------------------------------|-------|-----------|
| LWA 206B    | .5              | Occupational Wellness 2         | *     | _____     |
| PTA 102     | 2               | Clinical Neuroanatomy           | *     | _____     |
| PTA 120     | 2               | Orthopedic Rehabilitation       | *     | _____     |
| PTA 120L    | 1               | Orthopedic Rehabilitation Lab   | *     | _____     |
| PTA 121     | 3               | Human Growth and Development    | *     | _____     |
| PTA 123W    | 2.5             | Clinical Medicine               | *     | _____     |
| PTA 123LW   | .5              | Clinical Medicine Lab           | *     | _____     |
| PTA 124     | 2               | PTA Clinic I                    | *     | _____     |
| PTA 125     | 1               | Applied Clinical Anatomy II     | *     | _____     |
| PTA 125LW   | 1               | Applied Clinical Anatomy II Lab | *     | _____     |
| <b>15.5</b> | <b>SUBTOTAL</b> |                                 |       |           |

**Semester 3 (Spring/Summer) Optional**

| Course     | Credits         | Course Title                                 | Notes | Completed |
|------------|-----------------|--|-------|-----------|
| PTA 121    | (3)             | Human Growth and Development                 | *     | _____     |
| PTA 209    | (.5)            | Fundamentals of Pediatric Rehabilitation     | *     | _____     |
| PTA 209L   | (.5)            | Fundamentals of Pediatric Rehabilitation Lab | *     | _____     |
| <b>(4)</b> | <b>SUBTOTAL</b> |  |       |           |

**Semester 4 (Fall)**

| Course      | Credits         | Course Title                                 | Notes | Completed |
|-------------|-----------------|--|-------|-----------|
| LWA 206C    | .5              | Occupational Wellness 3                      | *     | _____     |
| PTA 205     | .5              | Physical Agents II                           | *     | _____     |
| PTA 205L    | .5              | Physical Agents II Lab                       | *     | _____     |
| PTA 209     | .5              | Fundamentals of Pediatric Rehabilitation     | *     | _____     |
| PTA 209L    | .5              | Fundamentals of Pediatric Rehabilitation Lab | *     | _____     |
| PTA 210     | 2               | Neuro-Rehabilitation Techniques              | *     | _____     |
| PTA 210LW   | 1               | Neuro-Rehabilitation Techniques Lab          | *     | _____     |
| PTA 213     | .5              | Orthotics and Prosthetics                    | *     | _____     |
| PTA 213L    | .5              | Orthotics and Prosthetics Lab                | *     | _____     |
| PTA 214W    | 3               | PTA Clinic 2                                 | *     | _____     |
| PTA 216W    | 1               | Introduction to Evidence Based Practice      | *     | _____     |
| <b>10.5</b> | <b>SUBTOTAL</b> |  |       |           |

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**Semester 5 (Winter)**

| Course       | Credits  | Course Title     | Notes | Completed |
|--------------|--|------------------|-------|-----------|
| PTA 221      | 2  | Clinical Seminar | *     | _____     |
| PTA 224      | 9  | PTA Clinic 3     | *     | _____     |
| <b>11</b>    | <b>SUBTOTAL</b>  |                  |       |           |
| <b>70/74</b> | <b>Total Credits Required for Associates Degree (OPTION A)</b> |                  |       |           |
| <b>70/71</b> | <b>TOTAL CREDITS REQUIRED FOR ASSOCIATES DEGREE (OPTION B)</b> |                  |       |           |

**Notations:**

+ A "B" minimum grade is required in each course preceded by a plus sign ("+").

\* A "C" minimum grade is required in each asterisked course. (\*\*\*)

**% May be taken any time prior to completion of the program.**

1. Acceptance into the PTA program occurs each Fall. Enrollment is determined by access to clinical agencies. Anticipated enrollment capacities can be found on the validation chart. The procedures for application into the PTA Program are in the guidelines for validation. See Validation Procedures in this catalog for required process. You will be eligible to attempt to register for clinical courses only after successfully completing the prerequisite qualifications and receiving a "Semester and Year of Validation".
2. Prerequisite qualifications are: high school graduate or GED equivalent; provide transcripts from high school and all other colleges attended; be admitted to Delta College; completion with a B (3.0) minimum grade in: BIO 140, or BIO 152 and BIO 153, or BIO 240 and BIO 241; and completion with a "C" (2.0) minimum grade in ENG 111, HSC 105, PSY 101, and COM 114, and complete 40 hours of observation time to apply for validation.
3. An "accelerated track" is available for students who would like to complete the entire program, including the General Education courses, in five (5) semesters. All courses required for the "accelerated track" are listed under Option B.
4. Math skills of LEVEL 3 are recommended.
5. ENG 113 Technical Communication must be taken while in the PTA program. If ENG 113 is taken prior to entering the PTA program the student will need to repeat the course. ENG 113 taken within the program will focus on writing skill/requirements within the PTA discipline.
6. Physical Therapist Assistant courses are offered day and evening hours and must be taken in the sequence shown. There may be occasional weekend courses, as well, that are mandatory.
7. You must achieve a minimum C (2.0) grade in each Physical Therapist Assistant course to be eligible to continue in the program.
8. In addition to tuition, fees, and textbook costs, you must purchase lab clothes and coats, clinic shoes, name tags, registration fees for conferences, provide your transportation to clinical settings (plus possible hospital parking charges), and field trips.
9. Upon admission to the program, you must have a complete physical examination including a negative TB test or a physician's release form annually.
10. Current CPR for The Professional Rescuer certification is required for admission to the clinical sequence. Current CPR certification must be maintained throughout the program.
11. Proof of Hepatitis B vaccination or signed waiver is required for admission to clinical sequence.
12. An observation series is required prior to validation. Students must observe, at a minimum, two different PT's or PTA's performing their skills in two different clinical practice sites for a minimum of 40 hours. These observations must be documented on the Observation Form which is available on line under the PTA site or can be picked up in the Counseling Office. These forms must be stamped at the Registrar's office at the time the validation application is turned in. Once the form has been stamped it must be turned in to the PTA Program Coordinator.
13. You need to be aware that clinical hospital assignments may be outside the local area.
14. Student Reentry Procedures are printed in the handbook given to all clinical students.
15. Criminal background checks are required to participate in clinical experiences. There is a fee for the criminal background check.
16. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
17. Delta College reserves the right to modify graduation requirements.
18. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.  
Also see "Dual Degrees."

# Practical Nurse

## Options:

- **Practical Nurse Certificate: CHA.35563**



## Advanced Certificate

The PN program of study prepares you to function effectively as a member of the health care team under the direction of the RN and/or the physician. Upon successful completion of the program, you will receive an Advanced Certificate and are eligible to take the Practical Nursing licensure exam. The PN clinical coursework is an intense full-time three semesters (Fall, Winter, Spring/Summer) that require college-level reading, writing, and applied math skills. This program is approved by the Michigan Board of Nursing.

You must have a combined GPA of 2.5 or higher in the following courses in order to qualify for validation.

### Core Courses

| Course                | Credits | Course Title  | Notes | Completed |
|-----------------------|---------|---|-------|-----------|
| BIO 152W              | 4       | Human Anatomy & Physiology I <b>AND</b>                   | *1,3  | _____     |
| BIO 153W              | 4       | Human Anatomy & Physiology II                             | *1,3  | _____     |
| <b>OR</b>             |         |   |       |           |
| BIO 240               | (4)     | Human Anatomy <b>AND</b>                                  | *1,3  | _____     |
| BIO 241               | (4)     | Physiology  | *1,3  | _____     |
| ENG ---               | 3/5     | Any Approved College Composition I Course                 | *3    | _____     |
| MTH 117               | 2/0     | Math for Allied Health or Math Competency Test            | *3    | _____     |
| HSC 105               | 2       | Medical Terminology                                       | *3    | _____     |
| NUR 100A              | 1       | Introduction to Nursing Careers (required for validation) | *3    | _____     |
| PHM 285               | 3       | Pharmacology for Health Care Professionals                | *3    | _____     |
| <b>17/21 SUBTOTAL</b> |         |   |       |           |

Prior to attempting to register to begin the clinical sequence, you must complete the "Validation Application" and be officially validated. See validation procedures in this catalog for the required process.

### Clinical Program Requirements

| Course             | Credits | Course Title                                 | Notes | Completed |
|--------------------|---------|--|-------|-----------|
| PNE 121W           | 6       | Fundamentals of Practical Nursing <b>AND</b> | *     | _____     |
| PNE 121LW          | 3       | Fundamentals of Practical Nursing Lab        | *     | _____     |
| PNE 122W           | 6       | Care of the Adult I <b>AND</b>               | *     | _____     |
| PNE 122LW          | 3       | Care of Adult I Lab                          | *     | _____     |
| PNE 123W           | 2       | Care of the Adult II <b>AND</b>              | *     | _____     |
| PNE 123LW          | 2       | Care of Adult II Lab                         | *     | _____     |
| PNE 125W           | 3       | Basic Maternal Child <b>AND</b>              | *     | _____     |
| PNE 125LW          | 1       | Basic Maternal Child Lab                     | *     | _____     |
| <b>26 SUBTOTAL</b> |         |  |       |           |

**43/47 TOTAL CREDITS REQUIRED/CERTIFICATE**

### Notations:

\* **A "C" minimum grade is required in each asterisked course.**

1. Students must have completed BIO 152 and BIO 153 or BIO 240 and BIO 241 within the past ten years. If this time period is exceeded, an approved biology course must be taken to refresh this content. Please see the nursing program coordinator to determine which course(s) must be taken.
2. It is important that you check a semester ahead of time when you plan on validating for the nursing program to make sure course requirements have not changed. Updated information can be found through the nursing web page: [www.delta.edu/nursing](http://www.delta.edu/nursing), calling the Counseling Office (989-686-9330) or the Nursing Discipline Office (989-686-9500).
3. Prerequisite qualifications for validation are: (a) be admitted to Delta College, (b) provide transcripts reflecting high school diploma or GED, and all other colleges or training institutions attended, (c) completion of core courses with a grade of "C" or better and an overall GPA of 2.5 or greater for validation. Math competency exam is offered through the Assessment/Testing Office in D-101. All listed requirements must be completed for graduation. A minimum prerequisite of Reading Level 5 is required for validation.
4. Due to the limited capacity of clinical facilities and the specific requirements of the accreditation agencies, this Program is considered a "limited enrollment" program. You will be eligible to attempt to register for clinical courses only after successfully completing the prerequisite qualifications and receiving a "Semester and Year of Validation" from the Records and Registration Office.
5. The Nursing Student Handbook contains additional information, requirements and specific program policies that you are required to comply with while enrolled in the nursing program. See [www.delta.edu/nursing](http://www.delta.edu/nursing) Nursing Student Handbook. You must comply with all Nursing Program Policies.
6. In addition to tuition and textbook costs, you must provide your own uniforms, clinic shoes, name tags and transportation to clinical agency settings, including possible parking charges. See [www.delta.edu/nursing](http://www.delta.edu/nursing) for program costs.
7. First semester PNE nursing courses (PNE 121W & PNE 121LW) are offered each Fall Semester. With successful progression, the student will

- 
- complete the program the following August. If a student graduates from the Delta PN program and would like to pursue the transition track of the ADN program, there are two options: One option is the PN graduate must pass the NCLEX-PN exam and work full time as a LPN for a minimum of one year; or if the PN student carries a GPA of 3.0 or higher throughout the PN program (including prerequisites) and has all pre-requisites for the ADN program completed, the PN graduate who is successful on their NCLEX-PN exam, may validate for the LPN to ADN Transition track and attempt registration for the next Transition entry class the following Winter. Refer to Nursing RN Transition Track for additional program information.
8. Program-Entry Health Requirements: You must submit an up-to-date complete physical examination report to the Nursing Office prior to entrance into the first clinical course. As a clinical student, you are required to have a TB skin test completed annually. The physical examination must confirm that you are free from communicable disease and capable of performing all the duties necessary for the safe care of patients. A positive TB test will require a recent chest x-ray. Proof of Hepatitis B vaccine immunization must be submitted with the physical exam form or you must submit a signed waiver form. For persons born after 1957, documentation of immunization for MMR must be provided. Evidence of current (within ten years) Tetanus immunization status is required. You must submit all up-to-date health requirements to the Nursing Discipline Office prior to entrance into the first clinical course. CPR Training: You must have a CPR card, which must remain current throughout the clinical program. A photocopy of your certificate must be turned in to the Nursing Discipline Office prior to the start of classes. The CPR certification must include one and two person rescuer, child and infant rescuer, airway obstruction relief, and use of AED. Students with expired CPR certification, TB test, and/or physical exam will not be allowed to attend clinical.
  9. Any student with a previous or current felony/misdemeanor conviction must inform the Nursing Program Coordinator of said conviction. Students should be aware that a felony/misdemeanor conviction may constitute grounds for ineligibility to sit for the Nursing Licensure examination. Students should be aware that the current licensure application form now requires that a criminal background check requiring fingerprinting be completed. Questions regarding licensure can be found at <http://www.michigan.gov/healthlicense> or be directed to the Michigan Board of Nursing at 517-335-0918.
  10. All entering nursing students must be fingerprinted as part of health care agency requirements and for the Michigan Nursing Scholarship. Students will complete and sign a release form allowing Delta College Public Safety to complete a background check. Information about this process will be provided to the student at orientation. Results of the background check will be secured and kept confidential, but may be shared with clinical agencies when requested or as otherwise required by law. If results indicate a felony/misdemeanor conviction, the Nursing Program Coordinator will discuss the findings and the process with the student. A felony/misdemeanor conviction may delay or end the student's nursing education, delay graduation, or change the curriculum from which the student may graduate.
  11. If a student in good standing (2.0 or better) or granted reentry into the program has a period of inactivity within a program track that exceeds 18 months, the student will need to revalidate for a program track and complete the entire clinical program.
  12. A person can achieve PNE program completion if NUR/NPT 101A, NUR/NPT 101AL, NUR/NPT 101B, NUR/NPT 101BL, NUR/NPT 115, NUR/NPT 115L, NUR/NPT 116, NUR/NPT 116L, NUR/NPT 240, and NUR/NPT 240L are successfully completed.
  13. Certificate Requirements: Earn a minimum of two-thirds of program credits or 24 credits at Delta College, whichever is less. Note that the nursing program handbook requires at least two semesters of the clinical program be taken at Delta College in order to graduate from the nursing program.
  14. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
  15. Delta College reserves the right to modify graduation requirements.

# Pre-Apprentice Skilled Trades



## Options:

- Pre-apprentice Skilled Trades Electrical Certificate: CTA.35894
- Pre-apprentice Skilled Trades Mechanical Certificate: CTA.35893
- Agriculture Maintenance Certificate: CTA.35895
- Pre-apprentice Skilled Trades Construction Certificate: CTZ.35896

## Advanced Certificate/Certificate of Achievement

Delivers core skill sets to students to enter into an apprenticeship or take entry level apprenticeship test. Demonstrates to potential employer that student has shown knowledge, interest, and skills to apply for a position as a tradesman.

### Agriculture Maintenance Certificate

| Course    | Credits | Course Title   | Notes | Completed |
|-----------|---------|--|-------|-----------|
| AUT 108   | 3       | Introductory Automotive Electronics                      |       | _____     |
| AUT 110   | 4       | Automotive Electronics Service                           |       | _____     |
| ENG 093W  | 4       | Effective Reading and Vocabulary Development             | 3     | _____     |
| SKDR 101  | 4       | Sketching and Blueprint Reading                          |       | _____     |
| SKET 106  | 3       | Applied Electricity I                                    |       | _____     |
| SKMA 096  | 0       | Pre-Algebra  | 1     | _____     |
| SKMT 101  | 3       | Hydraulics and Pneumatics I                              |       | _____     |
| SKMT 102  | 3       | Hydraulics and Pneumatics II                             |       | _____     |
| SKMT 151  | 3       | Power Transmission                                       |       | _____     |
| SKWL 103  | 3       | Introduction to Plasma, Carbon Arc, and Fuel Gas Cutting |       | _____     |
| SKWL 104  | 3       | Introduction to Shielded Metal Arc Welding               |       | _____     |
| <b>33</b> |         | <b>TOTAL FOR ADVANCED CERTIFICATE</b>                    |       |           |

### Pre-Apprentice Skilled Trades Construction Certificate

| Course    | Credits | Course Title   | Notes | Completed |
|-----------|---------|--|-------|-----------|
| ENG 093W  | 4       | Effective Reading and Vocabulary Development             | 3     | _____     |
| RC 104    | 3       | Construction Lab   |       | _____     |
| SKCT 102  | 3       | Building Materials                                       |       | _____     |
| SKCT 111  | 3       | Construction Print Interpretation                        |       | _____     |
| SKCT 114  | 4       | Framing Square   |       | _____     |
| SKMA 096  | 0       | Pre-Algebra  | 1     | _____     |
| SKWL 103  | 3       | Introduction to Plasma, Carbon Arc, and Fuel Gas Cutting |       | _____     |
| <b>20</b> |         | <b>TOTAL FOR CERTIFICATE OF ACHIEVEMENT</b>              |       |           |

### Pre-Apprentice Skilled Trades Electrical Certificate

| Course    | Credits | Course Title                                 | Notes | Completed |
|-----------|---------|--|-------|-----------|
| ENG 093W  | 4       | Effective Reading and Vocabulary Development | 3     | _____     |
| SKEL 111  | 3       | Conventional Controls                        |       | _____     |
| SKEL 101  | 6       | Basic Electronics                            |       | _____     |
| SKMA 113  | 3       | Applied Integrated Electrical Math III       |       | _____     |
| SKMA 111  | 6       | Applied Integrated Electrical Math I         |       | _____     |
| SKMA 112  | 3       | Applied Integrated Electrical Mathematics II |       | _____     |
| <b>23</b> |         | <b>TOTAL FOR ADVANCED CERTIFICATE</b>        |       |           |

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**Pre-Apprentice Skilled Trades Mechanical Certificate**

| Course   | Credits | Course Title   | Notes | Completed |
|----------|---------|--|-------|-----------|
| ENG 093W | 4       | Effective Reading and Vocabulary Development             | 3     | _____     |
| SKCN 162 | 4       | Computer Numerical Control Theory                        |       | _____     |
| SKDR 101 | 4       | Sketching and Blueprint Reading                          |       | _____     |
| SKDR 111 | 3       | Drawing II   |       | _____     |
| SKMA 096 | 0       | Pre-Algebra  | 1     | _____     |
| SKMA 097 | 0       | Algebra I  | 2     | _____     |
| SKMT 101 | 3       | Hydraulics and Pneumatics I                              |       | _____     |
| SKMT 111 | 3       | Metals   |       | _____     |
| SKTR 181 | 2       | Introduction to Machining Processes                      |       | _____     |
| SKWL 103 | 3       | Introduction to Plasma, Carbon Arc, and Fuel Gas Cutting |       | _____     |

**26 TOTAL FOR ADVANCED CERTIFICATE**

**25 TOTAL CREDITS REQUIRED FOR ELECTRICAL ADVANCED CERTIFICATE**

**26 TOTAL CREDITS REQUIRED FOR MECHANICAL ADVANCED CERTIFICATE**

**33 TOTAL CREDITS REQUIRED FOR AGRICULTURE MAINTENANCE CERTIFICATE OF ACHIEVEMENT**

**20 TOTAL CREDITS REQUIRED FOR CONSTRUCTION ADVANCED CERTIFICATE**

**Notations:**

1. Successful completion of SKMA 096 or MATH LEVEL 3. If you do not have the acceptable prerequisite level, you will be required to successfully complete SKMA 096. SKMA 096 credits cannot be applied to your program.
2. Successful completion of SKMA 097 or MATH LEVEL 4. If you do not have the acceptable prerequisite level, you will be required to successfully complete SKMA 097. SKMA 097 credits cannot be applied to your program.
3. ENG 093, or any higher level ENG course, or READING LEVEL 2 based on the COMPASS test will meet this requirement.
4. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
5. Delta College reserves the right to modify graduation requirements.

# Professional Studies In Office Administration



## Options:

- **Professional Studies In Office Administration Certificate: CBZ.35297**

## Certificate of Achievement

The Professional Studies in Office Administration Certificate was created for the individual who is already employed in business and wants to apply new learning to the workplace. It provides the employed individual the opportunity to upgrade present office skills and acquire new competencies. This certificate offers a flexible academic framework for professional development through a "menu" approach to course selection. It is strongly suggested that students starting this certificate have an ability level equivalent to OAT 095 Business English, OAT 170 Keyboarding, and CST 103 Windows Foundations.

Choose 3-9 credits from each category.

### Category 1: Communications

| Course     | Credits         | Course Title                        | Notes | Completed |
|------------|-----------------|-------------------------------------|-------|-----------|
| COM 112W   | 3               | Fundamentals of Oral Communication  | *\$   | _____     |
| COM 114W   | 3               | Interpersonal Communication         | *\$   | _____     |
| COM 202W   | 3               | Oral Communication for Managers     | *\$   | _____     |
| CST 135    | 1               | Help Desk Fundamentals              | *\$   | _____     |
| ENG 113    | 3               | Technical Communication             | *\$   | _____     |
| ENG 195W   | 2               | Library Research Skills <b>OR</b>   | *\$   | _____     |
| LIB 195W   | (2)             | Library Research Skills             | *\$   | _____     |
| MGT 145    | 3               | Principles of Sales                 | *\$   | _____     |
| OAT 151    | 3               | Business Communication I            | *\$   | _____     |
| OAT 152    | 3               | Business Communication II           | *\$   | _____     |
| PHL 203W   | 3               | Business Ethics                     | *\$   | _____     |
| PHL 210W   | 2               | Information Technology Ethics & Law | *\$   | _____     |
| PSY 101W   | 3               | Applied Psychology                  | *\$   | _____     |
| <b>3/9</b> | <b>SUBTOTAL</b> |                                     |       |           |

### Category 2: Office/Management

| Course     | Credits         | Course Title                                 | Notes | Completed |
|------------|-----------------|--|-------|-----------|
| ACC 111    | 4               | Introductory Accounting <b>OR</b>            | *\$   | _____     |
| ACC 211    | (4)             | Principles of Accounting I                   | *\$   | _____     |
| ACC 212    | 4               | Principles of Accounting II                  | *\$   | _____     |
| ACC 233    | 3               | Cost Accounting                              | *\$   | _____     |
| ENT 131W   | 3               | Entrepreneurship/Small Business Management I | *\$   | _____     |
| MGT 110    | 3               | Business Mathematics                         | *\$   | _____     |
| MGT 153W   | 3               | Introduction to Business                     | *\$   | _____     |
| MGT 245    | 3               | Principles of Management                     | *\$   | _____     |
| MGT 265    | 3               | International Business                       | *\$   | _____     |
| OAT 105W   | 1               | Time Management                              | *\$   | _____     |
| OAT 155W   | 2               | Editing                                      | *\$   | _____     |
| OAT 157    | 2               | File Management                              | *\$   | _____     |
| OAT 175    | 2               | Electronic Calculation                       | *\$   | _____     |
| OAT 268    | 3               | Administrative Office Practices              | *\$   | _____     |
| <b>3/9</b> | <b>SUBTOTAL</b> |  |       |           |

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**Category 3: Technology**

| Course     | Credits | Course Title                                | Notes | Completed |
|------------|---------|---|-------|-----------|
| CST 104    | 1       | Microsoft Word Foundations                  | *\$   | _____     |
| CST 105    | 1       | Outlook                                     | *\$   | _____     |
| CST 106    | 1       | Internet Foundations                        | *\$   | _____     |
| CST 107    | 1       | Microsoft Publisher                         | *\$   | _____     |
| CST 110    | 1       | Web Page Development Using HTML             | *\$   | _____     |
| CST 123    | 1       | Windows Operating System                    | *\$   | _____     |
| CST 134    | 3       | Micro Computers in Business Using MS Office | *\$   | _____     |
| CST 146    | 2       | Desktop Publishing                          | *\$   | _____     |
| CST 147    | 2       | Presentation Graphics Using PowerPoint      | *\$   | _____     |
| CST 151    | 2       | Spreadsheet Fundamentals <b>OR</b>          | *\$   | _____     |
| CST 155    | (3)     | Microsoft Excel                             | *\$   | _____     |
| CST 204    | 2       | Microsoft Word: Intermediate                | *\$   | _____     |
| CST 210    | 2       | Advanced Web Page Development               | *\$   | _____     |
| CST 257    | 3       | Database MS Access                          | *\$   | _____     |
| OAT 171    | 3       | Document Processing: Beginning              | *\$   | _____     |
| OAT 172    | 3       | Document Processing: Intermediate           | *\$   | _____     |
| OAT 273    | 3       | Document Processing: Advanced               | *\$   | _____     |
| OAT 285W   | 3       | Office Technology                           | *\$   | _____     |
| <b>3/9</b> |         | <b>SUBTOTAL</b>                             |       |           |
| <b>18</b>  |         | <b>TOTAL CREDITS REQUIRED</b>               |       |           |

**Notations:**

\* **A "C" minimum grade is required in each asterisked course.**

**\$ All courses on this certificate must be successfully completed within 4 years of graduation.**

1. Many classes have prerequisites. Check the current Delta College catalog or consult with the Counseling & Advising Center for the proper sequencing of courses.
2. If you are interested in completing other certificates or degrees at Delta College, consult with the Counseling & Advising Center for help with your course selection.
3. It is strongly suggested that students starting this certificate have an ability level equivalent to OAT 095 Business English, OAT 170 Keyboarding, and CST 103 Windows Foundations.
4. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
5. Delta College reserves the right to modify graduation requirements.

# Quality Assurance

## Options:

- **Quality Assurance Certificate: CTZ.35877**



## Certificate of Achievement

Quality professionals work within the quality assurance function to ensure that customer requirements are met. They work with measurements, statistics, and other elements within the quality assurance system. Problem solving and verification activities are also an important function of the quality professional's responsibility. Information and skills are needed by today's quality professional to ensure the quality function is being performed correctly. This certificate is designed to ensure that quality professionals in various businesses and industries acquire the information and skills needed to be effective.

### Basic Program Requirements

| Course    | Credits | Course Title                                  | Notes | Completed |
|-----------|---------|---|-------|-----------|
| MTH 208W  | 3       | Elementary Statistics                         | *     | _____     |
| QA 110    | 1       | Quality Problem Solving Tools                 | *     | _____     |
| QA 120    | 2       | Quality & Productivity Mgmt.                  | *     | _____     |
| QA 124    | 3       | Quality Systems I                             | *     | _____     |
| QA 126    | 3       | Quality Systems II                            | *     | _____     |
| QA 131    | 2       | Quality Auditing                              | *     | _____     |
| QA 140    | 3       | Measurement Systems                           | *     | _____     |
| QA 191    | 1       | Quality Teamwork                              | *     | _____     |
| QA 244    | 3       | Statistical Process Control                   | *     | _____     |
| <b>21</b> |         | <b>SUBTOTAL</b>                               |       |           |
| <b>21</b> |         | <b>TOTAL CREDITS REQUIRED FOR CERTIFICATE</b> |       |           |

### Notations:

\* A "C" minimum grade is required in each asterisked course.

1. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
2. Delta College reserves the right to modify graduation requirements.

# Quality Management

## Options:

- **Quality Management Certificate: CTZ.35878**



## Certificate of Achievement

Upon completion of the Quality Management Certificate, you will have the knowledge and skills necessary to effectively plan and implement an internal quality system. In today's competitive business environment, a system to ensure that the customer's needs are identified and requirements are met is a business function. Quality Assurance professionals must maintain an effective quality system no matter what business, industry, organization or governmental body they work for. This certificate is designed for those people working in various fields and occupations who are responsible for the management of the quality assurance function.

### Basic Program Requirements

| Course | Credits   | Course Title                                  | Notes | Completed |
|--------|-----------|---|-------|-----------|
| QA 120 | 2         | Quality & Productivity Mgmt.                  | *     | _____     |
| QA 124 | 3         | Quality Systems I                             | *     | _____     |
| QA 126 | 3         | Quality Systems II                            | *     | _____     |
| QA 131 | 2         | Quality Auditing                              | *     | _____     |
| QA 191 | 1         | Quality Teamwork                              | *     | _____     |
|        | <b>11</b> | <b>SUBTOTAL</b>                               |       |           |
|        | <b>11</b> | <b>TOTAL CREDITS REQUIRED FOR CERTIFICATE</b> |       |           |

### Notations:

\* **A "C" minimum grade is required in each asterisked course.**

1. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
2. Delta College reserves the right to modify graduation requirements.

# Radiography



## Options:

- Radiography Associate Degree: AAS.20545

## Associate in Applied Science Degree

Working under the supervision of a physician, Radiographers (also called Radiologic Technologists) assist in patient care and diagnosis through the use of x-ray equipment to take images of the internal structures of a patient's body. Radiographers position the patient; provide appropriate patient care; determine and set exposure factors; expose and process the required number of radiographs; prepare and help administer chemical mixtures called contrast media; assist in fluoroscopic examinations; and use radiation protection devices and techniques. Upon successfully completing this program, you are eligible to take the national certification examination administered by the American Registry of Radiologic Technologists. This program is accredited by the Joint Review Committee on Education in Radiologic Technology.

### General Education Courses

| Course       | Credits | Course Title                                 | Notes | Completed |
|--------------|---------|--|-------|-----------|
| BIO 140W     | 5       | Essentials Of Human Anatomy & Physiology     | +5    | _____     |
| <b>OR</b>    |         |  |       |           |
| BIO 152W     | (4)     | Human Anatomy & Physiology I <b>AND</b>      | +5    | _____     |
| BIO 153W     | (4)     | Human Anatomy & Physiology II                | +5    | _____     |
| <b>OR</b>    |         |  |       |           |
| BIO 240      | (4)     | Human Anatomy <b>AND</b>                     | +5    | _____     |
| BIO 241      | (4)     | Physiology                                   | +5    | _____     |
| CST 103      | 1       | Windows Foundations                          | *     | _____     |
| <b>OR</b>    |         |  |       |           |
| CST 133W     | (4)     | Computer Concepts & Competencies             | *     | _____     |
| ENG ---      | 3/5     | Any Approved College Composition I Course    | *     | _____     |
| ENG ---      | 3/5     | Any Approved College Composition II Course   | *     | _____     |
| <b>OR</b>    |         |  |       |           |
| ENG 113      | (3)     | Technical Communication                      | *     | _____     |
| HSC 105      | 2       | Medical Terminology                          | *     | _____     |
| POL ---      | 3/4     | Any Approved American Government Requirement | *     | _____     |
| PSY 101W     | 3       | Applied Psychology                           | *     | _____     |
| <b>OR</b>    |         |  |       |           |
| PSY 211W     | (4)     | General Psychology                           | *     | _____     |
| <b>20/32</b> |         | <b>SUBTOTAL</b>                              |       |           |

Prior to attempting to register to begin the clinical sequence, you must complete the above courses and the "Validation Application." See Validation Procedures in this catalog for the required process.

### Clinical Course Sequence:

#### First Semester (Fall)

| Course    | Credits | Course Title                        | Notes | Completed |
|-----------|---------|-------------------------------------|-------|-----------|
| RAD 100   | 2       | Basic Science of Medical Imaging    | *     | _____     |
| RAD 104W  | 2       | Introduction to Medical Imaging     | *     | _____     |
| RAD 105   | 3       | Fundamentals of Radiography         | *     | _____     |
| RAD 108   | 2       | Patient Care and Management         | *     | _____     |
| RAD 110   | 2       | Principles of Radiographic Exposure | *     | _____     |
| LW 206A   | 1       | Occupational Wellness 1             | *     | _____     |
| <b>12</b> |         | <b>SUBTOTAL</b>                     |       |           |

## **Second Semester (Winter)**

| Course    | Credits         | Course Title                                   | Notes | Completed |
|-----------|-----------------|--|-------|-----------|
| RAD 120W  | 2               | Principles of Radiation Biology and Protection | *     | _____     |
| RAD 130   | 2               | Radiographic Procedures 1                      | *     | _____     |
| RAD 135   | 6               | Clinical Education I                           | *     | _____     |
| RAD 140W  | 1               | Clinical Seminar 1                             | *     | _____     |
| LWA 206B  | .5              | Occupational Wellness 2                        | *     | _____     |
| LWA 206C  | .5              | Occupational Wellness 3                        | *     | _____     |
| <b>12</b> | <b>SUBTOTAL</b> |  |       |           |

## **Third Semester (Spring)**

| Course    | Credits         | Course Title              | Notes | Completed |
|-----------|-----------------|---------------------------|-------|-----------|
| RAD 150   | 2               | Radiographic Procedures 2 | *     | _____     |
| RAD 160   | 7               | Clinical Education 2      | *     | _____     |
| RAD 165W  | 1               | Clinical Seminar 2        | *     | _____     |
| <b>10</b> | <b>SUBTOTAL</b> |                           |       |           |

## **Fourth Semester (Fall)**

| Course    | Credits         | Course Title               | Notes | Completed |
|-----------|-----------------|----------------------------|-------|-----------|
| RAD 205W  | 1               | Pharmacology in Imaging    | *     | _____     |
| RAD 210W  | 1               | Pathology in Radiography   | *     | _____     |
| RAD 212   | 1               | Advanced Imaging Equipment | *     | _____     |
| RAD 215   | 2               | Radiographic Procedures 3  | *     | _____     |
| RAD 220   | 7               | Clinical Education 3       | *     | _____     |
| RAD 225W  | 1               | Clinical Seminar 3         | *     | _____     |
| <b>13</b> | <b>SUBTOTAL</b> |                            |       |           |

## **Fifth Semester (Winter)**

| Course    | Credits         | Course Title                   | Notes | Completed |
|-----------|-----------------|--------------------------------|-------|-----------|
| RAD 230   | 1               | Quality Improvement in Imaging | *     | _____     |
| RAD 235   | 2               | Radiographic Procedures 4      | *     | _____     |
| RAD 245   | 7               | Clinical Education 4           | *     | _____     |
| RAD 258W  | 2               | Radiography Capstone Seminar   | *     | _____     |
| RAD 264   | 1               | Cross Sectional Imaging        | *     | _____     |
| <b>13</b> | <b>SUBTOTAL</b> |                                |       |           |

**80/92 TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE**

### **Notations:**

\* A "C" minimum grade is required in each asterisked course.

+ A "B" minimum grade is required in each course preceded by a plus sign ("+").

- Approximately 18 students will be accepted each Fall Semester for Radiography courses. After successfully completing the prerequisites qualifications and submitting a "Validation Application for Occupational Programs," you will be eligible to register. See Validation Procedures in this catalog for the required process.
- Program qualifications include: (a) high school graduate or GED equivalent; (b) be admitted to Delta College; (c) provide transcripts from high school and all other colleges attended.
- Validation requirements: (a) LEVEL 4 READING competency; (b) LEVEL 4 MATH Competency. Math courses are to have been taken within the last five years. c) Successful completion of each of the prerequisite courses. (d) A required meeting with the program coordinator to provide the student an orientation related to the field of radiology, which may involve being required to go to an area healthcare facility.
- Other program requirements: (a) Current CPR certification (for the Professional Rescuer) is required for admission to the clinical sequence. CPR currency must be maintained throughout the program. (b) Submit a completed Health Appraisal Form which requires a negative TB test. (c) Submit evidence of Hepatitis B immunization OR signed waiver form provided during orientation.
- If you are anticipating pursuing a Baccalaureate Degree BIO 152 and BIO 153 are required for most transfer programs.
- Radiography Program courses are offered day and evening hours and must be taken together in the sequence shown. Clinical Education courses are conducted primarily during daytime hours; however, off-shifts (second and third shifts) may be assigned to meet course objectives.
- You must achieve a "C" (2.0) minimum grade in each Radiography course to be eligible to continue in and graduate from the Program. You must comply with all Radiography Program Progression and Retention Policies (copies available from the Health Programs counselor or program faculty.)
- In addition to tuition, fees, and textbook costs, you must purchase uniforms, nametags, and clinic shoes; provide your transportation to clinic settings;

- 
- pay for meals, parking fees, and any medical treatment that may become necessary.
9. Any student with a previous or current felony or misdemeanor conviction must inform the Radiography Program Coordinator and/or Radiography counselor of said conviction. Students should be aware that a felony or misdemeanor conviction may constitute grounds for ineligibility to sit for the American Registry of Radiologic Technologists national certifying examination. Students should be aware that the current ARRT application form requests that the following information be reported: Conviction of a felony or misdemeanor; Misdemeanor speeding convictions related to alcohol or drug use; Pleas of guilty; Plea of nolo contendere; Withheld adjudication; Suspended sentence; Military court-martial. Questions may be directed to the American Registry of Radiologic Technologists, (651) 687-0048, or [www.arrt.org](http://www.arrt.org).
  10. Agency contracts with health care institutions may prohibit students with felony or misdemeanors to enter the facility and thus possibly prohibit course completion and progression in the program.
  11. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
  12. Delta College reserves the right to modify graduation requirements.
  13. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements. See also "Dual Degrees."

# Refrigeration, Heating, Air Conditioning Service Technology



## Options:

- Refrigeration, Heating, Air Conditioning Service Technology Associate Degree: AAS.15890
- Commerical Refrigeration Certificate: CTA.35890
- Air Conditioning Certificate: CTA.35891
- Heating Certificate: CTA.35892

## Associate in Applied Science Degree/ Advanced Certificate

This program will provide you education and skill training for service technicians in the Refrigeration, Heating, and Air Conditioning Service Industry. Technicians on the job are needed to test, troubleshoot, repair, install, and sell the wide range of mechanical and electrical appliances and components in this field.

### YEAR ONE - Fall Semester

| Course                | Credits | Course Title                              | Notes   | Completed |
|-----------------------|---------|---|---------|-----------|
| ENG ---               | 3/5     | Any Approved College Composition I Course | 2,3,4,5 | _____     |
| RHA 135               | 3       | Heating System Fundamentals               | 2,5     | _____     |
| RHA 140               | 3       | Applied Electricity I                     | 2,3,4,5 | _____     |
| RHA 142               | 3       | Sheetmetal Layout I                       | 2,4,5   | _____     |
| <b>12/14 SUBTOTAL</b> |         |   |         |           |

### YEAR ONE - Winter Semester

| Course             | Credits | Course Title                             | Notes | Completed |
|--------------------|---------|--|-------|-----------|
| ENG 113            | 3       | Technical Communication                  | 2     | _____     |
| LW ---             | 1       | Any 1 Credit LW Course (As of fall 2007) | 2     | _____     |
| MTH ---            | 4       | Any Approved Intermediate Algebra Course | 2     | _____     |
| RHA 121            | 3       | Fundamentals of Refrigeration & A/C      | 2,3,4 | _____     |
| RHA 126            | 3       | Refrigerant Piping & Practices           | 2,3,4 | _____     |
| <b>14 SUBTOTAL</b> |         |  |       |           |

### YEAR ONE - Spring/Summer Semester

| Course             | Credits | Course Title                         | Notes  | Completed |
|--------------------|---------|--------------------------------------|--------|-----------|
| RHA 122            | 3       | Refrigeration & A/C Service I        | 2,3,4  | _____     |
| RHA 146            | 3       | Residential Air Conditioning Systems | 2,4    | _____     |
| RHA 136            | 3       | Heating Service Fundamentals         | \$,2,5 | _____     |
| RHA 124            | 3       | Refrigeration & A/C Service II       | 3,4,6  | _____     |
| <b>12 SUBTOTAL</b> |         |                                      |        |           |

### YEAR TWO - Fall Semester

| Course                | Credits | Course Title                                | Notes      | Completed |
|-----------------------|---------|---|------------|-----------|
| ACE 285W              | 1       | Internship: Design Technology               | *1,2,3,4,5 | _____     |
| COM 112W              | 3       | Fundamentals of Oral Communication          | 2          | _____     |
| CST 133W              | 4       | Computer Concepts & Competencies            | 2          | _____     |
| <b>OR</b>             |         |   |            |           |
| CST 134               | (3)     | Micro Computers in Business Using MS Office | 2          | _____     |
| RHA 123               | 3       | Commercial Refrigeration Flow Controls I    | 2,3        | _____     |
| RHA 150               | 1       | Refrigerant Certification                   | 2,3,4      | _____     |
| RHA 210W              | 3       | Commercial Air Conditioning                 | 2,4        | _____     |
| <b>14/15 SUBTOTAL</b> |         |   |            |           |

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**YEAR TWO - Winter Semester**

| Course  | Credits | Course Title                                 | Notes   | Completed |
|---------|---------|--|---------|-----------|
| LWA --- | 1       | Any 1 Credit LWA Course                      | 2       | _____     |
| POL --- | 3/4     | Any Approved American Government Requirement | 2       | _____     |
| RHA 225 | 3       | Commercial Refrigeration II                  | 2,3     | _____     |
| RHA 230 | 5       | Design of HVAC Systems                       | 2,3,4,5 | _____     |

**12/13 SUBTOTAL**

**YEAR TWO - Spring/Summer Semester**

| Course   | Credits | Course Title                          | Notes | Completed |
|----------|---------|---------------------------------------|-------|-----------|
| RHA 233W | 5       | Commercial Refrigeration III          | 2,3   | _____     |
| RHA 235  | 3       | Hydronic and Oil Heating Fundamentals | 2,5   | _____     |

**8 SUBTOTAL**

**36/38 TOTAL CREDITS REQUIRED FOR COMMERCIAL REFRIGERATION ADVANCED CERTIFICATE**

**34/36 TOTAL CREDITS REQUIRED FOR AIR CONDITIONING ADVANCED CERTIFICATE**

**24/26 TOTAL CREDITS REQUIRED FOR HEATING ADVANCED CERTIFICATE**

**69/73 TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE**

**Notations:**

\* A "C" (2.0) minimum grade is required in each asterisked course.

**\$ Key Course:** Key courses must be completed within 5 years of completing certificate or degree. Failure to complete within the stated time frame will require you to repeat this course. See section 4 of the College Catalog "Academic Policies/Graduation Requirements."

1. In a ladder program, ACE 285 is only required to be taken one time.
2. Required for the Associates Degree.
3. Required for the Commercial Refrigeration Advanced Certificate.
4. Required for the Air Conditioning Advanced Certificate.
5. Required for the Heating Advanced Certificate.
6. Only required for certificate programs.
7. Prior to enrollment, you must have an ASSET score of 38 (Elementary Algebra), 31 (Intermediate Algebra), or 28 (College Algebra) or an ACT score of 19 in Math, or COMPASS score of 41 (Algebra). You are advised to take MTH 097 if your algebra skills are weak.
8. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
9. Delta College reserves the right to modify graduation requirements.
10. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Residential Construction

## Options:

- Residential Construction Associate Degree: AAS.15887
- Residential Construction Certificate: CTA.35889



## Associate in Applied Science Degree/ Advanced Certificate

The Certificate Program is designed to prepare you for jobs in rough carpentry and house framing with the skills you have learned in such areas as: job specifications and drawings, building materials, use of woodworking the surveying tools, cost estimations, concrete work, and exterior finishing. Completion of this program preempts years of apprenticeship in the construction field. You may become self-employed or find employment with a contractor or in a building supply center.

In addition to skills gained from courses completed in the Residential Construction Certificate Program, students completing the Associate degree will have learned construction techniques in interior trim, cabinet making and installation, equipment installation, and interior finishing. The Program also offers the breadth of education necessary for a successful self-employed business or lumberyard management and has the support of the home builders association.

### General Education Courses

| Course       | Credits         | Course Title   | Notes | Completed |
|--------------|-----------------|--|-------|-----------|
| MTH 097      | 0               | Algebra I  |       | _____     |
| <b>OR</b>    |                 |  |       |           |
|              |                 | Demonstrate an acceptable score on the current College assessment instrument |       | _____     |
| ENG ---      | 3/5             | Any Approved College Composition I Course                                    |       | _____     |
| ENG ---      | 3/5             | Any Approved College Composition II Course                                   | 2     | _____     |
| <b>OR</b>    |                 |  |       |           |
| ENG 113      | (3)             | Technical Communication  | 2     | _____     |
| LW ---       | 1               | Any 1 Credit LW Course (As of fall 2007)                                     |       | _____     |
| <b>AND</b>   |                 |  |       |           |
| LWA ---      | 1               | Any 1 Credit LWA Course  |       | _____     |
| <b>OR</b>    |                 |  |       |           |
| LW ---       | (2)             | Any 2 Credit LW Course (As of fall 2007)                                     |       | _____     |
| POL ---      | 3/4             | Any Approved American Government Requirement                                 |       | _____     |
| <b>11/16</b> | <b>SUBTOTAL</b> |  |       |           |

## Basic Program Requirements

| Course       | Credits | Course Title                                       | Notes | Completed |
|--------------|---------|--|-------|-----------|
| ACE 285W     | 1       | Internship: Design Technology                      | >1*   | _____     |
| ARC 101      | 3       | Materials and Methods of Construction              | *     | _____     |
| ARC 221      | 3       | Site Preparation                                   | *     | _____     |
| ARC 105      | 4       | Architectural Drafting I                           | *     | _____     |
| ARC 204      | 3       | Estimating Building Construction                   | *     | _____     |
| ARC 111      | 3       | Mechanical and Electrical Systems for Buildings    | *     | _____     |
| ARC 211      | 2       | Elements of Structural Design                      | *     | _____     |
| RC 101       | 3       | Construction Print Interpretation                  | >*    | _____     |
| RC 104       | 3       | Construction Lab                                   | >*    | _____     |
| RC 106       | 3       | Concrete and Foundations                           | >*    | _____     |
| RC 108       | 2       | Construction Safety                                | >*    | _____     |
| RC 114       | 4       | Framing Square                                     | >*    | _____     |
| RC 200       | 3       | Construction Contracting Rules and Regulations     | >*    | _____     |
| RC 201       | 4       | Rough and Outside Framing                          | >*3   | _____     |
| RC 203       | 3       | Residential CAD                                    | >*    | _____     |
| RC 204       | 4       | Inside Finishing and Hardware                      | >*3   | _____     |
| RC 205       | 5       | Cabinet Making and Millwork                        | *     | _____     |
| TTI 110      | 2       | Sustainable Building Principles                    | *     | _____     |
| TTI 120      | 3       | Energy Auditing and Weatherization                 | *     | _____     |
| <b>58</b>    |         | <b>SUBTOTAL</b>                                    |       |           |
| <b>30</b>    |         | <b>TOTAL CREDITS REQUIRED FOR CERTIFICATE</b>      |       |           |
| <b>68/74</b> |         | <b>TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE</b> |       |           |

### Notations:

> A Certificate will be awarded when courses preceded by a greater than (“>”) sign are successfully completed.

\* A “C” minimum grade is required in each asterisked course.

1. In a laddered program, ACE 285 is only required to be taken one time.
2. Students planning to transfer should take any approved College Composition II requirement.
3. RC 201 Rough and Outside Framing (Fall semester), and RC 204 Inside Finishing and Hardware (Winter semester) are to be taken in sequence in the same academic year.
4. File an application for an associate or dual degree and/or certificate with the Registrar’s Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
5. Delta College reserves the right to modify graduation requirements.
6. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Respiratory Care

## Options:

- **Respiratory Care Associate Degree: AAS.20579**



## Associate in Applied Science Degree

Respiratory Therapists in Michigan are licensed health care providers. In order to be licensed you must earn a minimum of an Associate degree and successfully complete National exams. As a Respiratory Therapist you will be qualified to assume primary clinical responsibility for all respiratory care modalities, including responsibilities involved in the supervision of Certified Respiratory Therapist functions. The registered therapist is also capable of serving as a resource person to the physician with regard to current practices in respiratory care and to the hospital staff regarding effective and safe methods for administering respiratory care. Respiratory therapists who have a minimum of an associate degree from a respiratory therapy education program supported by the Commission on Accreditation for Respiratory Care (CoARC), or its predecessors the Committee on Accreditation for Respiratory Care (CoARC), or the Joint Review Committee for Respiratory Therapy Education (JRCRTE) are eligible to apply for registration by the National Board for Respiratory Care. The process consists of two written exams and clinical simulation. Applicants must pass all three to be awarded the Registered Respiratory Therapist (RRT) credential.

For the following General Education courses Section I must be successfully completed ("C" or better except for BIO 140 which must be completed with a "B" or better) to qualify for validation. It is strongly recommended that Section II courses be completed prior to the clinical experience. ALL courses in Section I and II are required for the Associate Degree.

### General Education Courses - Section I

| Course    | Credits | Course Title                             | Notes | Completed |
|-----------|---------|--|-------|-----------|
| BIO 140W  | 5       | Essentials Of Human Anatomy & Physiology | +2    | _____     |
| <b>OR</b> |         |  |       |           |
| BIO 152W  | (4)     | Human Anatomy & Physiology I <b>AND</b>  | *2    | _____     |
| BIO 153W  | (4)     | Human Anatomy & Physiology II            | *2    | _____     |
| <b>OR</b> |         |  |       |           |
| BIO 240   | (4)     | Human Anatomy <b>AND</b>                 | *2    | _____     |
| BIO 241   | (4)     | Physiology                               | *2    | _____     |
| HSC 105   | 2       | Medical Terminology                      | *2    | _____     |
| RT 100    | 2       | Basic Sciences for Respiratory Care      | *2    | _____     |

### General Education Courses - Section II

| Course       | Credits | Course Title                                 | Notes | Completed |
|--------------|---------|--|-------|-----------|
| ENG ---      | 3/5     | Any Approved College Composition I Course    | *     | _____     |
| ENG ---      | 3/5     | Any Approved College Composition II Course   | *     | _____     |
| LW ---       | 1       | Any 1 Credit LW Course (As of fall 2007)     | *     | _____     |
| <b>AND</b>   |         |  |       |           |
| LWA ---      | 1       | Any 1 Credit LWA Course                      | *     | _____     |
| <b>OR</b>    |         |  |       |           |
| LW ---       | (2)     | Any 2 Credit LW Course (As of fall 2007)     | *     | _____     |
| POL ---      | 3/4     | Any Approved American Government Requirement | *     | _____     |
| PHL 215W     | 3       | Health Care Ethics                           | *     | _____     |
| <b>OR</b>    |         |  |       |           |
| PSY 101W     | (3)     | Applied Psychology                           | *     | _____     |
| <b>OR</b>    |         |  |       |           |
| PSY 211W     | (4)     | General Psychology                           | *     | _____     |
| <b>OR</b>    |         |  |       |           |
| SOC 211W     | (3)     | Principles of Sociology                      | *     | _____     |
| <b>OR</b>    |         |  |       |           |
| COM 112W     | (3)     | Fundamentals of Oral Communication           | *     | _____     |
| <b>23/32</b> |         | <b>SUBTOTAL</b>                              |       |           |

Clinical Course Sequence

**First Semester (Fall)**

| Course    | Credits         | Course Title                                  | Notes | Completed |
|-----------|-----------------|---|-------|-----------|
| RT 117    | 3               | Basic Respiratory Care I                      | *     | _____     |
| RT 118    | 3               | Basic Respiratory Care II                     | *     | _____     |
| RT 121    | 2               | Orientation to RC as a Profession             | *     | _____     |
| RT 126    | 3               | Clinical Education I                          | *     | _____     |
| RT 131    | 2               | Artificial Airway Care and Manual Ventilation | *     | _____     |
| <b>13</b> | <b>SUBTOTAL</b> |   |       |           |

**Second Semester (Winter)**

| Course    | Credits         | Course Title                       | Notes | Completed |
|-----------|-----------------|------------------------------------|-------|-----------|
| RT 132    | 3               | Adult Ventilatory Care             | *     | _____     |
| RT 135    | 4               | Diagnostics and Special Procedures | *     | _____     |
| RT 146    | 6               | Clinical Education II              | *     | _____     |
| RT 149    | 1               | Clinical Education 2 Seminar       | *     | _____     |
| <b>14</b> | <b>SUBTOTAL</b> |                                    |       |           |

**Third Semester (Spring)**

| Course   | Credits         | Course Title                             | Notes | Completed |
|----------|-----------------|--|-------|-----------|
| RT 150   | 3               | Cardiovascular Evaluation and Monitoring | *     | _____     |
| <b>3</b> | <b>SUBTOTAL</b> |  |       |           |

**Fourth Semester (Fall)**

| Course    | Credits         | Course Title                        | Notes | Completed |
|-----------|-----------------|-------------------------------------|-------|-----------|
| RT 207    | 3               | Cardiopulmonary Pathophysiology     | *     | _____     |
| RT 211    | 3               | Advanced Cardiopulmonary Physiology | *     | _____     |
| RT 212    | 2               | Advanced Ventilator Management      | *     | _____     |
| RT 214    | 1               | Seminar I                           | *     | _____     |
| RT 216    | 1               | Rehabilitation and Home Care        | *     | _____     |
| RT 226    | 6               | Clinical Education III              | *     | _____     |
| RT 229    | 1               | Clinical Education 3 Seminar        | *     | _____     |
| <b>17</b> | <b>SUBTOTAL</b> |                                     |       |           |

**Fifth Semester (Winter)**

| Course    | Credits         | Course Title                           | Notes | Completed |
|-----------|-----------------|--|-------|-----------|
| RT 231    | 2               | Maternal and Neonatal Respiratory Care | *     | _____     |
| RT 234    | 1               | Seminar II                             | *     | _____     |
| RT 240    | 3               | Advanced Respiratory Care Pharmacology | *     | _____     |
| RT 244    | 1               | Optional Rotation/Special Project      | *     | _____     |
| RT 246    | 8               | Comprehensive Clinical Education       | *     | _____     |
| <b>15</b> | <b>SUBTOTAL</b> |  |       |           |

**85/94 TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE**

**Notations:**

\* A "C" or better is required in each asterisked course.

+ A "B" minimum grade is required in each course preceded by a plus sign ("+").

1. A maximum of 15 students will be accepted each Fall Semester for Respiratory Care courses from qualified students who have been assigned a "semester and year of validation." You will be placed on this list only after successfully completing the prerequisite qualifications and submitting a "Validation Application" to the Registrar's Office. See Validation Procedures in this catalog for the required procedures.
2. Prerequisite qualifications are: (a) high school graduate or GED equivalent; (b) be admitted to Delta College; (c) provide transcripts from high school and all other colleges attended; and (d) completion of Section I courses as indicated.
3. RT 100 has a prerequisite math requirement that Algebra must have been taken within the past 5 years.
4. After you receive notification of acceptance for the Fall Semester, you must have a complete physical examination including a negative TB test.
5. RT courses are offered day hours only and generally must be taken together in the sequence shown. You must achieve a minimum "C" (2.0) grade

- 
- in each RT course to be eligible to continue in the Program.
6. In addition to tuition and textbook costs, you must purchase a laboratory coat, protective eye wear, name tag, provide your own transportation to clinical settings (plus possible hospital parking charges), and purchase three Self-Assessment Exams (total cost approximately \$150) during the final semester in the Program.
  7. Admission to and continuance in the Program is contingent upon your compliance with all policies contained in the Respiratory Care Student handbook. Reentry into the program is outlined in the handbook and is based on available seating within the program.
  8. If you have prior respiratory therapy work experience, you may be eligible to waive or receive equivalent credit for some RT courses.
  9. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
  10. Delta College reserves the right to modify graduation requirements.
  11. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements. See also "Dual Degrees."

# Skilled Trades (Apprenticeship)



## Options:

- Carpenter (Building Trades) Associate Degree: AAS.60891
- Electrician (Industrial) Associate Degree: AAS.60891
- Jobbing Molder Associate Degree: AAS.60891
- Machine Builder Associate Degree: AAS.60891
- Machine Repair Associate Degree: AAS.60891
- Millwright Associate Degree: AAS.60891
- Pattern Maker Associate Degree: AAS.60891
- Pipefitter (Industrial Maintenance) Associate Degree: AAS.60891
- Plumber-Pipefitter Associate Degree: AAS.60891
- Stationary Boiler Engineering Associate Degree: AAS.60891
- Tinsmith Associate Degree: AAS.60891
- Tool/Die Maker Associate Degree: AAS.60891
- Tool Hardener Associate Degree: AAS.60891

## Associate in Applied Science Degree

As an apprentice, you may apply your related training towards an Associate in Applied Science Degree. In addition to the degree requirements listed below, the following requirements must also be met: 1) Successful completion of all courses listed in a specific related training program (32-40 credits); 2) Successful completion of appropriate supportive study elective courses. Supportive electives are courses taken to fit your individual needs. Prior academic course work may be acceptable. Assistance in selecting electives is available from a Delta College counselor familiar with technical career programs; 3) A journeyman card or equivalent trade experience.

### General Education Courses

| Course    | Credits | Course Title   | Notes | Completed |
|-----------|---------|--|-------|-----------|
| ENG ---   | 3/5     | Any Approved College Composition I Course <b>AND</b> |       | _____     |
| ENG ---   | 3/5     | Any Approved College Composition II Course           |       | _____     |
| <b>OR</b> |         |  |       |           |
| ENG 113   | (3)     | Technical Communication                              |       | _____     |
| <b>OR</b> |         |  |       |           |
| OAT 151   | (3)     | Business Communication I <b>AND</b>                  |       | _____     |
| OAT 152   | (3)     | Business Communication II                            |       | _____     |
| LW 220W   | 1       | Lifelong Wellness <b>AND</b>                         |       | _____     |
| LWA ---   | 1       | Any 1 Credit LWA Course                              |       | _____     |
| <b>OR</b> |         |  |       |           |
| LW ---    | (2)     | Any 2 Credit LW Course (As of fall 2007)             |       | _____     |
| POL ---   | 3/4     | Any Approved American Government Requirement         |       | _____     |
| --- ---   | 9/18    | Suggested Electives                                  | #     | _____     |
|           |         | <b>17/34 SUBTOTAL</b>                                |       |           |

### # Suggested Supportive Electives

| Course | Credits | Course Title  | Notes | Completed |
|--------|---------|---|-------|-----------|
|        |         | Economics Courses (ECN)                               |       | _____     |
|        |         | General Management Courses (MGT)                      |       | _____     |
|        |         | Manufacturing and Industrial Technology Courses (MIT) |       | _____     |
|        |         | Mechanical Technology Courses (MT)                    |       | _____     |
|        |         | Psychology Courses (PSY)                              |       | _____     |

RELATED TRAINING/CERTIFICATE OPTIONS:

**(See the following for listing of specific courses for each program)**

| Course | Credits | Course Title                         | Notes | Completed |
|--------|---------|--------------------------------------|-------|-----------|
|        | 37      | Carpenter (Building Trades)          |       | _____     |
|        | 40      | Electrician (Industrial)             |       | _____     |
|        | 40      | Jobbing Molder                       |       | _____     |
|        | 39      | Machine Builder                      |       | _____     |
|        | 38      | Machine Repair                       |       | _____     |
|        | 35      | Millwright                           |       | _____     |
|        | 43      | Pattern Maker                        |       | _____     |
|        | 34      | Pipe fitter (Industrial Maintenance) |       | _____     |
|        | 40      | Plumber - Pipefitter                 |       | _____     |
|        | 40      | Stationary Boiler Engineering        |       | _____     |
|        | 35      | Tinsmith                             |       | _____     |
|        | 41      | Tool/Die Maker                       |       | _____     |
|        | 35      | Tool Hardener                        |       | _____     |

**62/63 TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE**

APPRENTICESHIP TRADE RELATED INSTRUCTION PROGRAMS

Delta College offers required Trade Related Instruction Programs for apprentices and up-graders in the industrial trades, building trades, and maintenance trades from the tri-county and surrounding areas. Trade Related Instruction Programs are designed with the cooperation of industry and provide the instruction to strengthen the theoretical knowledge in each trade area. The combination of related instruction and on-the-job experience is essential in order to provide a complete program to train skilled personnel for the trades. Courses are offered during the evening only. The scheduling and registration for courses is the responsibility of the Skilled Trades Department; therefore, any inquiry about a particular class should be made directly to them by phoning (989) 686-9476 or 686-9530.

Since many company apprenticeship programs are registered with the U.S. Department of Labor, Bureau of Apprenticeship and Training, it is imperative that the registration of these courses be coordinated by the local plant apprenticeship coordinator and the College Skilled Trades Department. All Trade Related Instruction is subject to change per agreement with the participating employer and Delta College. Delta College does not issue a journeyman's card only a completion certificate.

The following programs are representative of typical Trade Related Instruction Programs Delta College offers in conjunction with area employers. Employers, however, are not restricted to just these programs and many elect to modify our programs to meet their specific needs. Employers desiring more information on Delta's Trade Related Instruction Programs should call the Skilled Trades Program Manager at (989) 686-9530 or 686-9476.

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**Carpenter (Building Trades)**

| Course    | Credits | Course Title   | Notes | Completed |
|-----------|---------|--|-------|-----------|
| ARC 204   | 3       | Estimating Building Construction   |       | _____     |
| SKCT 102  | 3       | Building Materials   |       | _____     |
| SKCT 105  | 3       | Building Site Surveying  |       | _____     |
| SKCT 106  | 3       | Concrete and Foundations   |       | _____     |
| SKCT 111  | 3       | Construction Print Interpretation  |       | _____     |
| SKCT 114  | 4       | Framing Square   |       | _____     |
| SKCT 201  | 4       | Rough and Outside Framing  |       | _____     |
| SKCT 204  | 4       | Inside Finishing and Hardware  |       | _____     |
| SKCT 205  | 5       | Cabinet Making and Millwork  |       | _____     |
| SKMT 161  | 2       | Industrial Rigging and Safety  |       | _____     |
| SKWL 103  | 3       | Introduction to Plasma, Carbon Arc, and Fuel Gas Cutting                           |       | _____     |
| <b>37</b> |         | <b>TOTAL CREDITS REQUIRED FOR CARPENTER (BUILDING TRADES) ADVANCED CERTIFICATE</b> |       |           |

**Electrician (Industrial)**

| Course    | Credits | Course Title  | Notes | Completed |
|-----------|---------|---|-------|-----------|
| SKMA 111  | 6       | Applied Integrated Electrical Math I  |       | _____     |
| SKMA 112  | 3       | Applied Integrated Electrical Mathematics II                                    |       | _____     |
| SKMA 113  | 3       | Applied Integrated Electrical Math III  |       | _____     |
| SKEL 111  | 3       | Conventional Controls   |       | _____     |
| SKEL 101  | 6       | Basic Electronics   |       | _____     |
| SKEL 102  | 4       | Industrial Electronics  |       | _____     |
| SKEL 131  | 3       | AC/DC Machinery   |       | _____     |
| SKEL 121  | 5       | Advanced Controls I   |       | _____     |
| SKEL 122  | 4       | Advanced Controls II  |       | _____     |
| SKEL 141  | 3       | Industrial Electrical Codes & Standards   |       | _____     |
| <b>40</b> |         | <b>TOTAL CREDITS REQUIRED FOR ELECTRICIAN (INDUSTRIAL) ADVANCED CERTIFICATE</b> |       |           |

**Jobbing Molder**

| Course    | Credits | Course Title  | Notes | Completed |
|-----------|---------|---|-------|-----------|
| SKCN 162  | 4       | Computer Numerical Control Theory                                     |       | _____     |
| SKCN 216  | 4       | CNC with Machining Applications                                       |       | _____     |
| SKDR 101  | 4       | Sketching and Blueprint Reading                                       |       | _____     |
| SKDR 111  | 3       | Drawing II  |       | _____     |
| SKDR 131  | 3       | Pattern Design I  |       | _____     |
| SKMA 103  | 4       | Applied Geometry and Trigonometry                                     |       | _____     |
| SKMT 111  | 3       | Metals  |       | _____     |
| SKMT 231  | 3       | Fundamentals of Foundry Technology                                    |       | _____     |
| SKPH 101  | 4       | Applied Physics   |       | _____     |
| SKTR 181  | 2       | Machine Tool I  |       | _____     |
| SKTR 182  | 3       | Machine Tool Lab II   |       | _____     |
| SKTR 183  | 3       | Machinery Handbook  |       | _____     |
| <b>40</b> |         | <b>TOTAL CREDITS REQUIRED FOR JOBBING MOLDER ADVANCED CERTIFICATE</b> |       |           |

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**Machine Builder**

| Course    | Credits | Course Title   | Notes | Completed |
|-----------|---------|--|-------|-----------|
| SKDR 101  | 4       | Sketching and Blueprint Reading  |       | _____     |
| SKMA 103  | 4       | Mathematics III  |       | _____     |
| SKMT 101  | 3       | Hydraulics and Pneumatics I  |       | _____     |
| SKMT 102  | 3       | Hydraulics and Pneumatics II   |       | _____     |
| SKMT 151  | 3       | Power Transmission   |       | _____     |
| SKMT 161  | 2       | Industrial Rigging and Safety  |       | _____     |
| SKOT 191  | 3       | Machine Controls I   |       | _____     |
| SKOT 192  | 3       | Machine Controls II  |       | _____     |
| SKPT 106  | 3       | Pipefitters Handbook   |       | _____     |
| SKTR 181  | 2       | Machine Tool I   |       | _____     |
| SKTR 183  | 3       | Machinery Handbook   |       | _____     |
| SKWL 103  | 3       | Introduction to Plasma, Carbon Arc, and Fuel Gas Cutting               |       | _____     |
| SKWL 104  | 3       | Introduction to Shielded Metal Arc Welding                             |       | _____     |
| <b>39</b> |         | <b>TOTAL CREDITS REQUIRED FOR MACHINE BUILDER ADVANCED CERTIFICATE</b> |       |           |

**Machine Repair**

| Course    | Credits | Course Title  | Notes | Completed |
|-----------|---------|---|-------|-----------|
| SKCN 162  | 4       | Computer Numerical Control Theory                                     |       | _____     |
| SKDR 101  | 4       | Sketching and Blueprint Reading                                       |       | _____     |
| SKDR 111  | 3       | Drawing II  |       | _____     |
| SKMA 103  | 4       | Mathematics III   |       | _____     |
| SKMT 101  | 3       | Hydraulics and Pneumatics I   |       | _____     |
| SKMT 102  | 3       | Hydraulics and Pneumatics II  |       | _____     |
| SKMT 111  | 3       | Metals  |       | _____     |
| SKMT 161  | 2       | Industrial Rigging and Safety   |       | _____     |
| SKPH 101  | 4       | Applied Physics   |       | _____     |
| SKTR 181  | 2       | Machine Tool I  |       | _____     |
| SKTR 182  | 3       | Machine Tool Lab II   |       | _____     |
| SKTR 183  | 3       | Machinery Handbook  |       | _____     |
| <b>38</b> |         | <b>TOTAL CREDITS REQUIRED FOR MACHINE REPAIR ADVANCED CERTIFICATE</b> |       |           |

**Millwright**

| Course    | Credits | Course Title  | Notes | Completed |
|-----------|---------|---|-------|-----------|
| SKCT 101  | 3       | Industrial Millwright Procedures                                  |       | _____     |
| SKDR 101  | 4       | Sketching and Blueprint Reading                                   |       | _____     |
| SKMA 103  | 4       | Mathematics III   |       | _____     |
| SKMT 101  | 3       | Hydraulics and Pneumatics I                                       |       | _____     |
| SKMT 102  | 3       | Hydraulics and Pneumatics II                                      |       | _____     |
| SKMT 151  | 3       | Power Transmission  |       | _____     |
| SKMT 161  | 2       | Industrial Rigging and Safety                                     |       | _____     |
| SKMT 171  | 3       | Sheetmetal Layout I   |       | _____     |
| SKPH 101  | 4       | Applied Physics   |       | _____     |
| SKWL 103  | 3       | Introduction to Plasma, Carbon Arc, and Fuel Gas Cutting          |       | _____     |
| SKWL 104  | 3       | Introduction to Shielded Metal Arc Welding                        |       | _____     |
| <b>35</b> |         | <b>TOTAL CREDITS REQUIRED FOR MILLWRIGHT ADVANCED CERTIFICATE</b> |       |           |

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**Pattern Maker**

| Course    | Credits | Course Title   | Notes | Completed |
|-----------|---------|--|-------|-----------|
| SKCN 162  | 4       | Computer Numerical Control Theory                                    |       | _____     |
| SKCN 216  | 4       | CNC with Machining Applications                                      |       | _____     |
| SKDR 101  | 4       | Sketching and Blueprint Reading                                      |       | _____     |
| SKDR 111  | 3       | Drawing II   |       | _____     |
| SKDR 121  | 3       | Descriptive Geometry   |       | _____     |
| SKDR 131  | 3       | Pattern Design I   |       | _____     |
| SKMA 103  | 4       | Mathematics III  |       | _____     |
| SKMT 111  | 3       | Metals   |       | _____     |
| SKMT 231  | 3       | Fundamentals of Foundry Technology                                   |       | _____     |
| SKPH 101  | 4       | Applied Physics  |       | _____     |
| SKTR 181  | 2       | Machine Tool I   |       | _____     |
| SKTR 182  | 3       | Machine Tool Lab II  |       | _____     |
| SKTR 183  | 3       | Machinery Handbook   |       | _____     |
| <b>43</b> |         | <b>TOTAL CREDITS REQUIRED FOR PATTERN MAKER ADVANCED CERTIFICATE</b> |       |           |

**Pipefitter (Industrial Maintenance)**

| Course    | Credits | Course Title   | Notes | Completed |
|-----------|---------|--|-------|-----------|
| SKDR 101  | 4       | Sketching and Blueprint Reading  |       | _____     |
| SKDR 141  | 3       | Pipe and Tube Isometrics   |       | _____     |
| SKMA 103  | 4       | Mathematics III  |       | _____     |
| SKMT 101  | 3       | Hydraulics and Pneumatics I  |       | _____     |
| SKMT 102  | 3       | Hydraulics and Pneumatics II   |       | _____     |
| SKPH 101  | 4       | Applied Physics  |       | _____     |
| SKPT 101  | 4       | Industrial Piping  |       | _____     |
| SKPT 106  | 3       | Pipefitters Handbook   |       | _____     |
| SKPT 121  | 3       | Fundamentals of Refrigeration & A/C  |       | _____     |
| SKWL 103  | 3       | Introduction to Plasma, Carbon Arc, and Fuel Gas Cutting                                   |       | _____     |
| <b>34</b> |         | <b>TOTAL CREDITS REQUIRED FOR PIPEFITTER (INDUSTRIAL MAINTENANCE) ADVANCED CERTIFICATE</b> |       |           |

**Plumber-Pipefitter**

| Course    | Credits | Course Title  | Notes | Completed |
|-----------|---------|---|-------|-----------|
| SKDR 101  | 4       | Sketching and Blueprint Reading   |       | _____     |
| SKDR 141  | 3       | Pipe and Tube Isometrics  |       | _____     |
| SKMA 103  | 4       | Mathematics III   |       | _____     |
| SKMT 101  | 3       | Hydraulics and Pneumatics I   |       | _____     |
| SKMT 102  | 3       | Hydraulics and Pneumatics II  |       | _____     |
| SKMT 171  | 3       | Sheetmetal Layout I   |       | _____     |
| SKPH 101  | 4       | Applied Physics   |       | _____     |
| SKPT 101  | 4       | Industrial Piping   |       | _____     |
| SKPT 106  | 3       | Pipefitters Handbook  |       | _____     |
| SKPT 121  | 3       | Fundamentals of Refrigeration & A/C                                       |       | _____     |
| SKWL 103  | 3       | Introduction to Plasma, Carbon Arc, and Fuel Gas Cutting                  |       | _____     |
| SKWL 104  | 3       | Introduction to Shielded Metal Arc Welding                                |       | _____     |
| <b>40</b> |         | <b>TOTAL CREDITS REQUIRED FOR PLUMBER-PIPEFITTER ADVANCED CERTIFICATE</b> |       |           |

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## **Stationary Boiler Engineering**

| Course    | Credits | Course Title   | Notes | Completed |
|-----------|---------|--|-------|-----------|
| SKDR 101  | 4       | Sketching and Blueprint Reading  |       | _____     |
| SKDR 141  | 3       | Pipe and Tube Isometrics   |       | _____     |
| SKMA 103  | 4       | Mathematics III  |       | _____     |
| SKMT 101  | 3       | Hydraulics and Pneumatics I  |       | _____     |
| SKMT 102  | 3       | Hydraulics and Pneumatics II   |       | _____     |
| SKMT 161  | 2       | Industrial Rigging and Safety  |       | _____     |
| SKPT 106  | 3       | Pipefitters Handbook   |       | _____     |
| SKPT 111  | 2       | Stationary Boiler Engineering I  |       | _____     |
| SKPT 112  | 2       | Stationary Boiler Engineering II   |       | _____     |
| SKPT 113  | 2       | Stationary Boiler Engineering III  |       | _____     |
| SKPT 114  | 3       | Stationary Boiler Engineering IV   |       | _____     |
| SKPT 121  | 3       | Fundamentals of Refrigeration & A/C  |       | _____     |
| SKWL 103  | 3       | Introduction to Plasma, Carbon Arc, and Fuel Gas Cutting                             |       | _____     |
| SKWL 104  | 3       | Introduction to Shielded Metal Arc Welding   |       | _____     |
| <b>40</b> |         | <b>TOTAL CREDITS REQUIRED FOR STATIONARY BOILER ENGINEERING ADVANCED CERTIFICATE</b> |       |           |

## **Tinsmith**

| Course    | Credits | Course Title  | Notes | Completed |
|-----------|---------|---|-------|-----------|
| SKDR 101  | 4       | Sketching and Blueprint Reading                                 |       | _____     |
| SKDR 121  | 3       | Descriptive Geometry  |       | _____     |
| SKMA 103  | 4       | Mathematics III   |       | _____     |
| SKMT 161  | 2       | Industrial Rigging and Safety                                   |       | _____     |
| SKMT 171  | 3       | Sheetmetal Layout I   |       | _____     |
| SKMT 172  | 3       | Sheetmetal II   |       | _____     |
| SKMT 173  | 3       | Sheetmetal III  |       | _____     |
| SKPH 101  | 4       | Applied Physics   |       | _____     |
| SKPT 126  | 3       | Heating System Fundamentals                                     |       | _____     |
| SKWL 103  | 3       | Introduction to Plasma, Carbon Arc, and Fuel Gas Cutting        |       | _____     |
| SKWL 104  | 3       | Introduction to Shielded Metal Arc Welding                      |       | _____     |
| <b>35</b> |         | <b>TOTAL CREDITS REQUIRED FOR TINSMITH ADVANCED CERTIFICATE</b> |       |           |

## **Tool/Die Maker**

| Course    | Credits | Course Title  | Notes | Completed |
|-----------|---------|---|-------|-----------|
| SKCN 162  | 4       | Computer Numerical Control Theory                                     |       | _____     |
| SKCN 216  | 4       | CNC with Machining Applications                                       |       | _____     |
| SKDR 101  | 4       | Sketching and Blueprint Reading                                       |       | _____     |
| SKDR 111  | 3       | Drawing II  |       | _____     |
| SKDR 130  | 4       | Tool and Die Design   |       | _____     |
| SKMA 103  | 4       | Mathematics III   |       | _____     |
| SKMT 101  | 3       | Hydraulics and Pneumatics I   |       | _____     |
| SKMT 111  | 3       | Metals  |       | _____     |
| SKPH 101  | 4       | Applied Physics   |       | _____     |
| SKTR 181  | 2       | Machine Tool I  |       | _____     |
| SKTR 182  | 3       | Machine Tool Lab II   |       | _____     |
| SKTR 183  | 3       | Machinery Handbook  |       | _____     |
| <b>41</b> |         | <b>TOTAL CREDITS REQUIRED FOR TOOL/DIE MAKER ADVANCED CERTIFICATE</b> |       |           |

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**Tool Hardener**

| Course   | Credits | Course Title   | Notes | Completed |
|----------|---------|--|-------|-----------|
| SKDR 101 | 4       | Sketching and Blueprint Reading                          |       | _____     |
| SKDR 111 | 3       | Drawing II   |       | _____     |
| SKDR 130 | 4       | Tool and Die Design                                      |       | _____     |
| SKMA 103 | 4       | Mathematics III  |       | _____     |
| SKMT 111 | 3       | Metals   |       | _____     |
| SKMT 112 | 2       | Ferrous Heat Treatment                                   |       | _____     |
| SKPH 101 | 4       | Applied Physics  |       | _____     |
| SKTR 181 | 2       | Machine Tool I   |       | _____     |
| SKTR 182 | 3       | Machine Tool Lab II                                      |       | _____     |
| SKWL 103 | 3       | Introduction to Plasma, Carbon Arc, and Fuel Gas Cutting |       | _____     |
| SKWL 104 | 3       | Introduction to Shielded Metal Arc Welding               |       | _____     |

**35 TOTAL CREDITS REQUIRED FOR TOOL HARDENER ADVANCED CERTIFICATE**

**Notations:**

1. File an application for an associate or dual degree and/or certificate with the Registrar's Office at least 3 months prior to expected graduation. See current catalog for other graduation requirements.
2. Delta College reserved the right to modify graduation requirements.
3. If you plan to pursue an advanced degree, see college catalog for special transfer agreements.
4. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
5. Delta College reserves the right to modify graduation requirements.
6. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Surgical Technology



## Options:

- Surgical Technology Associate Degree: AAS.20549
- Surgical Technology Certificate: CHA.35547

## Associate in Applied Science Degree/ Advanced Certificate

The Surgical Technologist's primary function is to provide a safe, therapeutically effective environment for the surgical patient by assisting the surgeon and performing related services in the operating room. This program is accredited by CAAHEP and graduates will be eligible to sit for the National Certifying Exam.

### General Education Courses

| Course       | Credits | Course Title                                 | Notes | Completed |
|--------------|---------|--|-------|-----------|
| BIO 152W     | 4       | Human Anatomy & Physiology I <b>AND</b>      | >+/\$ | _____     |
| BIO 153W     | 4       | Human Anatomy & Physiology II                | >+/\$ | _____     |
| <b>OR</b>    |         |  |       |           |
| BIO 240      | (4)     | Human Anatomy <b>AND</b>                     | >+*   | _____     |
| BIO 241      | (4)     | Physiology                                   | >+*   | _____     |
| BIO 203W     | 4       | General Microbiology                         | >+*   | _____     |
| ENG ---      | 3/5     | Any Approved College Composition I Course    | >+*   | _____     |
| ENG ---      | 3/5     | Any Approved College Composition II Course   | *     | _____     |
| HSC 105      | 2       | Medical Terminology                          | >+*   | _____     |
| HSC 140      | 2       | Basic Medical Emergencies                    | >+*   | _____     |
| LW ---       | 1       | Any 1 Credit LW Course (As of fall 2007)     | *     | _____     |
| <b>AND</b>   |         |  |       |           |
| LWA ---      | 1       | Any 1 Credit LWA Course                      | *     | _____     |
| <b>OR</b>    |         |  |       |           |
| LW ---       | (2)     | Any 2 Credit LW Course (As of fall 2007)     | *     | _____     |
| POL ---      | 3/4     | Any Approved American Government Requirement | *     | _____     |
| PSY 101W     | 3       | Applied Psychology                           | >+*   | _____     |
| <b>OR</b>    |         |  |       |           |
| PSY 211W     | (4)     | General Psychology                           | >+*   | _____     |
| <b>OR</b>    |         |  |       |           |
| SOC 211      | (3)     | Principles of Sociology                      | >+*   | _____     |
| ST 100       | 3       | Introduction to Health Care Service          | >+*   | _____     |
| <b>33/39</b> |         | <b>SUBTOTAL</b>                              |       |           |

Prior to attempting to register to begin the clinical sequence, you must complete the above courses marked with a "+" sign and the "Validation Application." See Validation Procedures in this catalog for the required process.

### Clinical Courses

#### First Semester (Fall)

| Course    | Credits | Course Title                        | Notes | Completed |
|-----------|---------|-------------------------------------|-------|-----------|
| ST 207    | 2       | Pharmacology in the Operating Room  | >*    | _____     |
| ST 210    | 2       | The Surgical Patient                | >*    | _____     |
| ST 220    | 6       | Fundamentals of Surgical Technology | >*    | _____     |
| ST 230    | 4       | Surgical Anatomy                    | >*    | _____     |
| ST 240    | 4       | Operative Procedures                | >*    | _____     |
| <b>18</b> |         | <b>SUBTOTAL</b>                     |       |           |

#### Second Semester (Winter)

| Course    | Credits | Course Title           | Notes | Completed |
|-----------|---------|------------------------|-------|-----------|
| ST 250    | 12      | Clinical Externship    | >*    | _____     |
| ST 251W   | 3       | Operating Room Seminar | >*    | _____     |
| <b>15</b> |         | <b>SUBTOTAL</b>        |       |           |

**Notations:**

> A Certificate will be awarded when courses preceded by a greater than (“>”) sign are successfully completed.

\* A “C” minimum grade is required in each asterisked course.

\$ Key Course: Key courses must be completed within 10 years of completing certificate or degree. Failure to complete within the stated timeframe will require you to complete an approved Biology course(s). See graduation requirements page.

Time frame will require you to repeat this course. See graduation requirements page.

1. As an applicant, you must be a high school graduate or submit a GED equivalency certificate.
2. Validation requirements: (a) LEVEL 4 READING competency; (b) LEVEL 5 MATH Competency. Math courses are to have been taken within the last five years. (c) Successful completion of each of the prerequisite courses. (d) A required meeting with the program coordinator to provide the student an orientation related to the field of surgical technology, which may involve being required to go to an area healthcare facility.
3. Application: See Validation Procedures in this catalog for the required process.
4. PRIOR to beginning clinical, you MUST have CPR certification, which includes the Two-Person Rescuer Technique. CPR certification must be renewed per program and health care agency's requirements.
5. Once accepted, you must have a negative TB skin test and/or chest X-ray and a current physical examination that confirms you are free from communicable disease and capable of performing the duties necessary for the safe care of patients. It is highly recommended that you obtain the Hepatitis B vaccination.
6. You must achieve a minimum “C” (2.0) grade in each clinical course to be eligible to continue in this program. These courses must be taken in the sequence shown and enrollment in these courses is by permission only.
7. When in the clinical phase of the program, you must have transportation available, as sites may not be in your community.
8. There will be additional expenses for uniforms that will be explained during Orientation.
9. You are responsible for paying the cost of any medical care that might be necessary if you are injured or become ill as a result of clinical practice activities. The College does not provide insurance coverage for such situations.
10. Student reentry procedures are printed in the Student Handbook given to all clinical students.
11. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
12. Delta College reserves the right to modify graduation requirements.
13. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements. See also “Dual Degrees.”

# Water Environment Technology

## Options:

- **Water Environment Technology Associate Degree: AAS.15827**
- **Water Environment Technology Certificate: CTA.35827**



## Associate in Applied Science Degree/ Advanced Certificate

The vast majority of water and wastewater treatment plant operators work for local governments. Some work for private water supply and sanitary services companies, many of which provide operation and management services to local governments on a contract basis.

Graduation from this program will prepare you to make application to write the Wastewater Class "D" Operator Certification examination and the entry-level waterworks certification examinations.

### General Education Courses

| Course       | Credits | Course Title                                  | Notes | Completed |
|--------------|---------|---|-------|-----------|
| BIO 110W     | 4       | Environmental Science                         |       | _____     |
| CHM 105W     | 5       | TECHNICAL CHEMISTRY I <b>AND</b>              | >1    | _____     |
| CHM 106W     | 5       | TECHNICAL CHEMISTRY II (Recommended Sequence) | 1     | _____     |
| <b>OR</b>    |         |   |       |           |
| CHM 111      | (5)     | General and Inorganic Chemistry I <b>AND</b>  | 1     | _____     |
| CHM 112      | (5)     | General and Inorganic Chemistry II            | 1     | _____     |
| CST 133W     | 4       | Computer Concepts & Competencies              | >     | _____     |
| ENG ---      | 3/5     | Any Approved College Composition I Course     |       | _____     |
| ENG 113      | 3       | Technical Communications (Recommended)        |       | _____     |
| <b>OR</b>    |         |   |       |           |
| ENG ---      | (3/5)   | Any Approved College Composition II Course    |       | _____     |
| MTH ---      | 4       | Any Approved Intermediate Algebra Course      | >3    | _____     |
| LW ---       | 1       | Any 1 Credit LW Course (As of fall 2007)      |       | _____     |
| <b>AND</b>   |         |   |       |           |
| LWA ---      | 1       | Any 1 Credit LWA Course                       |       | _____     |
| <b>OR</b>    |         |   |       |           |
| LW ---       | (2)     | Any 2 Credit LW Course (As of fall 2007)      |       | _____     |
| POL ---      | 3/4     | Any Approved American Government Requirement  |       | _____     |
| <b>33/38</b> |         | <b>SUBTOTAL</b>                               |       |           |

### Basic Program Requirements

| Course    | Credits | Course Title                                    | Notes | Completed |
|-----------|---------|---|-------|-----------|
| WET 110   | 3       | Water Treatment Technologies                    | >*    | _____     |
| WET 112   | 3       | Wastewater Treatment Technologies               | >*    | _____     |
| WET 210   | 3       | Advanced Wastewater Treatment Technologies      | >*    | _____     |
| WET 212   | 3       | Advanced Water Treatment Technologies           | >*    | _____     |
| WET 215   | 3       | Water Quality Analysis And Wet Instrumentation  | *     | _____     |
| WET 220   | 3       | Water Quality Analysis and Microbiology         | >*    | _____     |
| WET 230   | 3       | Water/Wastewater Utility Management             | *     | _____     |
| WET 240   | 3       | Applied Hydraulics                              | *     | _____     |
| WET 244   | 3       | Water/Wastewater Utility Equipment Maintenance  | >*    | _____     |
| WET 246   | 2       | Water/Wastewater Utility Electrical Maintenance | *     | _____     |
| WET 265   | 4       | Practicum In Water/Wastewater Treatment         | 2*    | _____     |
| <b>33</b> |         | <b>SUBTOTAL</b>                                 |       |           |

---

**Recommended Electives**

| Course   | Credits | Course Title                               | Notes | Completed |
|----------|---------|--|-------|-----------|
| ENV 100W | 3       | Environmental Regulations                  | 2     | _____     |
| ENV 151W | 2.7     | HAZWOPER Training                          | 2     | _____     |
| ENV 153  | 1.3     | Confined Space Training                    | 2     | _____     |
| GLG 130  | 4       | Environmental Geology                      | 2     | _____     |
| GLG 230  | 2       | Introductory Field Methods In Hydrogeology | 2     | _____     |

**31 TOTAL CREDITS REQUIRED FOR CERTIFICATE**

**66/71 TOTAL CREDITS REQUIRED FOR ASSOCIATE DEGREE**

**Notations:**

> **A Certificate will be awarded when courses preceded by a greater than (“>”) sign are successfully completed.**

\* **A “C” minimum grade is required in each asterisked course.**

1. A student must take the sequence of CHM 105 and CHM 106 or the sequence of CHM 111 and CHM 112 to meet the AAS program requirements. The certificate option may be met by either CHM 105 alone, or the sequence of CHM 111 and CHM 112.
2. A student not wishing to take the Michigan Department of Environment Quality Water and Wastewater Entry-Level Exams may replace WET 265 with one of the recommended electives or an elective approved by the Division Chair or the Program Chair to complete at least 64 credits.
3. This requirement can also be met with an acceptable score on the current college assessment instrument. To meet minimum graduation requirements, credits may be replaced from the “Recommended Electives” course list above.
4. File an application for an associate or dual degree and/or certificate with the Registrar’s Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
5. Delta College reserves the right to modify graduation requirements.
6. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Welding Engineering Technology

## Options:

- Welding Engineering Technology Associate Degree: AAS.60897
- Welding Engineering Technology Certificate: CTA.35899



## Associate in Applied Science Degree/ Advanced Certificate

The program combines specialized welding training with related technical and general education courses. The Associate degree program meets the educational requirements necessary to pursue a baccalaureate degree in a variety of welding related careers. Students should contact Counseling or the Welding Staff for career or transfer information.

### General Education Courses

| Course       | Credits | Course Title                                 | Notes | Completed |
|--------------|---------|--|-------|-----------|
| COM 112W     | 3       | Fundamentals of Oral Communication           |       | _____     |
| ENG ---      | 3/5     | Any Approved College Composition I Course    |       | _____     |
| ENG ---      | 3/5     | Any Approved College Composition II Course   |       | _____     |
| LW ---       | 1       | Any 1 Credit LW Course (As of fall 2007)     |       | _____     |
| <b>AND</b>   |         |  |       |           |
| LWA ---      | 1       | Any 1 Credit LWA Course                      |       | _____     |
| <b>OR</b>    |         |  |       |           |
| LW ---       | (2)     | Any 2 Credit LW Course (As of fall 2007)     |       | _____     |
| MTH ---      | 4       | Any Approved Intermediate Algebra Course     |       | _____     |
| MTH 121      | 3       | Plane Trigonometry                           |       | _____     |
| PHY 111      | 4       | General Physics I                            |       | _____     |
| POL ---      | 3/4     | Any Approved American Government Requirement |       | _____     |
| <b>25/30</b> |         | <b>SUBTOTAL</b>                              |       |           |

### Technical Courses

| Course       | Credits | Course Title                                     | Notes | Completed |
|--------------|---------|--|-------|-----------|
| CAD 114      | 2       | Introduction to CAD                              | *     | _____     |
| WELD 103     | 3       | Introduction to Plasma, Carbon Arc, and Fuel Gas | >*    | _____     |
| SKMT 111     | 3       | Metals   | >*    | _____     |
| WELD 114W    | 8       | Intermediate Shielded Metal Arc Welding          | >*    | _____     |
| WELD 120     | 2       | Beginning Industrial Blueprint Reading           | >*    | _____     |
| WELD 122     | 2       | Blueprint Reading for Welders and Fabricators    | >*3   | _____     |
| WELD 220     | 4       | WELD Qualification-Plate                         | >*2   | _____     |
| WELD 224W    | 8       | Advanced Shielded Metal Arc Welding              | >*4   | _____     |
| WELD 226W    | 8       | Gas Tungsten Arc Welding                         | >*    | _____     |
| WELD 235W    | 8       | Gas Metal Arc Welding                            | >*    | _____     |
| <b>48</b>    |         | <b>SUBTOTAL</b>                                  |       |           |
| <b>46</b>    |         | <b>TOTAL CREDITS REQUIRED/CERTIFICATE</b>        |       |           |
| <b>73/78</b> |         | <b>TOTAL CREDITS REQUIRED/ASSOCIATE DEGREE</b>   |       |           |

### Notations:

> A Welding Technology Advanced Certificate will be awarded when courses preceded by a greater than (“>”) sign are successfully completed.

\* A “C” minimum grade is required in each asterisked course.

1. For complete program description and details, please call Robert Ault at (989)686-9470 or Bruce Faccio at (989)686-9146.
2. WELD 114 and WELD 235 are prerequisites for WELD 220.
3. WELD 120 is a prerequisite for WELD 122.
4. WELD 114 is a prerequisite for WELD 224.
5. File an application for an associate or dual degree and/or certificate with the Registrar’s Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
6. Delta College reserves the right to modify graduation requirements.
7. If you plan to pursue an advanced degree, see pages 27-30 for special transfer agreements.

# Writing - General Writing



## Options:

- **Writing Certificate - General Certificate: CEA.35319**

## Certificate of Achievement

By completing this certificate, you will show future employers and educational institutions that you have a commitment to and competency with writing that goes beyond the required College Composition courses. While pursuing the certificate, you will have the opportunity to work in many different genres and forms of writing including journalism, business writing, and creative writing.

### Basic Requirements

| Course      | Credits | Course Title   | Notes | Completed |
|-------------|---------|--|-------|-----------|
| ENG ---     | 3/5     | Any Approved College Composition I Course <b>AND</b> | +     | _____     |
| ENG ---     | 3/5     | Any Approved College Composition II Course           | +     | _____     |
| <b>OR</b>   |         |  |       |           |
| OAT 151     | (3)     | Business Communication I <b>AND</b>                  | +     | _____     |
| OAT 152     | (3)     | Business Communication II                            | +     | _____     |
| <b>6/10</b> |         | <b>SUBTOTAL</b>                                      |       |           |

### In addition, students will take twelve (12) or more credits from the following for completion of certificate:

| Course       | Credits | Course Title  | Notes | Completed |
|--------------|---------|---|-------|-----------|
| CST 110      | 1       | Web Page Development Using HTML                               | +     | _____     |
| CST 146      | 2       | Desktop Publishing  | +     | _____     |
| CST 210      | 2       | Advanced Web Page Development                                 | +     | _____     |
| ENG 116      | 3       | News Writing  | +     | _____     |
| ENG 120      | 3       | Introduction to Creative Writing                              | +     | _____     |
| ENG 211      | 3       | Advanced Composition  | +     | _____     |
| ENG 213      | 3       | Advanced Technical Communication                              | +     | _____     |
| ENG 214      | 3       | Introduction to Professional Writing                          | +     | _____     |
| ENG 216W     | 3       | New Media Writing   | +     | _____     |
| ENG 217      | 3       | Advanced Reporting  | +     | _____     |
| ENG 253      | 3       | Creative Writing: Poetry                                      | +     | _____     |
| ENG 254      | 3       | Creative Writing: Fiction                                     | +     | _____     |
| ENG 256      | 3       | Creative Non-Fiction  | +     | _____     |
| ENG 257      | 3       | Advanced Creative Writing                                     | +     | _____     |
| ENG 258W     | 2       | Introduction to Screenwriting                                 | +     | _____     |
| ENG 259W     | 2       | Advanced Screenwriting  | +     | _____     |
| ENG 260W     | 1       | Writing Center Practicum                                      | +     | _____     |
| IHU 267      | 3       | Producing A Student Publication                               | +     | _____     |
| LIT 219W     | 3       | Literary Analysis   | +     | _____     |
| OAT 155W     | 2       | Editing   | +     | _____     |
| OAT 171      | 3       | Document Processing: Beginning                                | +     | _____     |
| <b>12</b>    |         | <b>SUBTOTAL</b>   |       |           |
| <b>18/22</b> |         | <b>TOTAL CREDITS REQUIRED FOR GENERAL WRITING CERTIFICATE</b> |       |           |

### Notations:

**+ A "B" minimum grade is required in each course preceded by a plus sign ("+").**

1. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
2. Delta College reserves the right to modify graduation requirements.

# Writing - Technical Writing

## Options:

- **Writing Certificate - Technical Certificate: CEA.35320**



## Certificate of Achievement

By completing this certificate, you will show future employers and educational institutions that you have a commitment to and competency with writing that goes beyond the required College Composition courses. While pursuing the certificate, you will have the opportunity to work in many different genres and forms of writing including technical writing, business writing, and creative writing. In addition, you will have hands-on opportunities to learn technologies that support writing's endeavor to communicate.

### Basic Requirements

| Course       | Credits | Course Title   | Notes | Completed |
|--------------|---------|--|-------|-----------|
| ENG ---      | 3/5     | Any Approved College Composition I Course <b>AND</b> | +     | _____     |
| ENG 113      | 3       | Technical Communication                              | +     | _____     |
| <b>OR</b>    |         |  |       |           |
| OAT 151      | (3)     | Business Communication I <b>AND</b>                  | +     | _____     |
| OAT 152      | (3)     | Business Communication II                            | +     | _____     |
| ENG 211      | 3       | Advanced Composition                                 | +     | _____     |
| <b>OR</b>    |         |  |       |           |
| ENG 253      | (3)     | Creative Writing: Poetry                             | +     | _____     |
| ENG 213      | 3       | Advanced Technical Communication                     | +     | _____     |
| ENG 214      | 3       | Introduction to Professional Writing                 | +     | _____     |
| <b>OR</b>    |         |  |       |           |
| ENG 216W     | (3)     | New Media Writing                                    | +     | _____     |
| <b>15/17</b> |         | <b>SUBTOTAL</b>                                      |       |           |

### One of the following courses is also required.

| Course     | Credits | Course Title                           | Notes | Completed |
|------------|---------|--|-------|-----------|
| ART 101    | 3       | Photography I                          | +     | _____     |
| ART 271    | 3       | Digital Imaging I                      | +     | _____     |
| ART 276    | 3       | Electronic Page Design                 | +     | _____     |
| ART 279    | 3       | Web Page Design Arts                   | +     | _____     |
| COM 114W   | 3       | Interpersonal Communication            | +     | _____     |
| COM 202W   | 3       | Oral Communication for Managers        | +     | _____     |
| CST 146    | 2       | Desktop Publishing                     | +     | _____     |
| CST 147    | 2       | Presentation Graphics Using PowerPoint | +     | _____     |
| <b>2/3</b> |         | <b>SUBTOTAL</b>                        |       |           |

**17/20 TOTAL CREDITS REQUIRED FOR WRITING - TECHNICAL CERTIFICATE**

### Notations:

+ A "B" minimum grade is required in each course preceded by a "+" symbol.

1. File an application for an associate or dual degree and/or certificate with the Registrar's Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
2. Delta College reserves the right to modify graduation requirements.

# Youth Services

## Options:

- **Certificate of Achievement Certificate: CSZ.35775**
- **Advanced Certificate Certificate: CSA.35775**



This certificate provides current and future youth care workers with the skills needed to work with juveniles in many different settings. The program is geared toward casework and social work. Study areas focus on family dynamics and juvenile delinquency.

### Certificate of Achievement

| Course    | Credits  | Course Title   | Notes  | Completed |
|-----------|--|--|--------|-----------|
| CJ 250    | 3  | The Juvenile Offender                                  | >*     | _____     |
| PSY 211W  | 4  | Any General Psychology                                 | >*     | _____     |
| PSY 223W  | 3  | Child Psychology                                       | >*     | _____     |
| SOC 211W  | 3  | Any Principles of Sociology Course                     | >*     | _____     |
| SOC 221W  | 3  | Marriage and Family                                    | >*     | _____     |
| SOC 250W  | 3  | Introduction to Social Work                            | >*     | _____     |
| SOC 300W  | 3  | Interviewing, Counseling, and the Helping Relationship | >*1, 2 | _____     |
| <b>22</b> | <b>TOTAL CREDITS REQUIRED FOR CERTIFICATE OF ACHIEVEMENT</b> |  |        |           |

### Advanced Certificate

| Course    | Credits  | Course Title                              | Notes | Completed |
|-----------|--|---|-------|-----------|
|           | 22   | Youth Services Certificate of Achievement |       | _____     |
| PSY 225W  | 3  | Adolescent Psychology                     | >*    | _____     |
| SOC 212W  | 3  | Social Problems                           | >*    | _____     |
| SOC 215W  | 3  | Sociology of Minority Groups              | >*    | _____     |
| SOC 231W  | 3  | Cultural Anthropology                     | >*    | _____     |
| <b>34</b> | <b>TOTAL CREDITS REQUIRED FOR ADVANCED CERTIFICATE</b> |   |       |           |

### Notations:

> **A Certificate will be awarded when courses preceded by a greater than (“>”) sign are successfully completed.**

\* **A “C” minimum grade is required in each asterisked course.**

1. PSY 300W may be substituted.
2. SOC 300W prerequisite: ENG 111 or any approved College Composition I course.
3. Delta College reserves the right to modify graduation requirements.
4. File an application for an associate or dual degree and/or certificate with the Registrar’s Office by at least 3 months prior to expected graduation. See page 196 for other graduation requirements.
5. Delta College reserves the right to modify graduation requirements.

# Non-Credit Programs



Delta College offers a variety of classes and programs designed to meet the needs of the diverse communities it serves through non-credit classes. These classes and programs do not lead to a degree or certificate, but are designed to assist individuals with their personal and professional development.

Delta views education as a lifelong process that takes place in a wide variety of environments. Classes are taught on the campus, in public schools, in industrial plants, in commercial office buildings, at Delta College Centers and at other locations.

The College is assisted by program advisory committees; professional, civic and church organizations; governmental agencies; business; the labor industry; and other groups in determining needs and providing education and training to the community.

**Financial Aid for Non-Credit Classes:** Financial aid for students enrolling for certain non-credit classes may be available. It is intended for individuals who are supported by some type of public assistance or those employed at a low income level. Students must be residents of Bay, Midland, or Saginaw Counties. Funds are limited. Requests for aid should be made prior to expected enrollment. *If aid is awarded, the balance must be paid by the student at the time of registration. Students are responsible for course fees, books, supplies, and materials.*

## Kids College

Kids College is a youth development program which offers opportunities during summer for children in 3rd-6th grades. Class offerings are designed to challenge students through hands-on learning experiences.

For more information call 989-686-9185  
Midland Callers 495-4000 ext. 9185  
Frankenmuth, Reese, Birch Run and Vassar 758-3400



**On the Web:** [www.delta.edu/kidscollege/](http://www.delta.edu/kidscollege/)



## LifeLong Learning

LifeLong Learning classes enrich and improve your life. They help you pursue interests and hobbies, grow in your career and meet professional requirements, or simply learn something new and fascinating. Delta College offers these non-credit classes at times and locations designed for your maximum convenience. You can even take some online!

## Job Skills Training

These classes are for individuals who want to train for a new career. Programs are from 4 to 15 weeks in length and are in High-demand. Our students not only receive high-quality training, they also get jobs!

## Continuing Education & CEUs for Professionals

These classes help you earn continuing education (CEUs) credits in your current profession, prepare for professional exams, and fulfill licensing certification requirements. All programs have been developed to be high quality, affordable, and conscious of the value of your time.

## Life Skills & Personal Enrichment

Whether it is building a competitive edge at work by learning a new computer program, riding a motorcycle, taking an interest in sailing, understanding of sustainability and our legal system, maximizing your job search success, or preparing for the GED examination, do not miss the chance to do something for yourself!

## 50+ Just Like Gold

Continuing education, learning opportunities, re-careering, quality leisure time, and social interaction for Delta's community residents 50 and better. Engage with like minds and join today.

## Online Classes

LifeLong Learning at Delta College is proud to offer the world's most comprehensive collection of online courses. We provide self-study courses with open enrollment in nearly every subject imaginable. Easy to search, register and learn. Anywhere, anytime learning.

The one common aspect for all Delta College's LifeLong Learning programs is simple -- our instructors provide you with a high-impact experience in a minimal amount of time. For more information, call LifeLong Learning at 989-686-9444, or visit us on the web.

## Want to find out more about LifeLong Learning?

Find us on **FACEBOOK!**



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**Delta  
College  
LifeLong  
Learning**

Visit us on the **WEB!**

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1. Visit our web page at [www.delta.edu/lifelonglearning](http://www.delta.edu/lifelonglearning).
2. Enter your email address in the "Sign Up Today!" form.

Contact us in the  
**H-WING!**

1961 Delta Road, H-Wing  
University Center, MI 48710  
Phone: (989) 686-9444  
Fax: (989) 758-3639  
[lifelonglearning@delta.edu](mailto:lifelonglearning@delta.edu)

**Section IV**

# **Academic Policies**



# Grading System

## Grades

The grading system at Delta College is a letter system with associated grade points which are used to compute cumulative grade point averages. You will receive one final grade in each course taken.

| Grade | Meaning                         | Grade points per credit                              |
|-------|---------------------------------|--|
| A     | Excellent                       | 4.0  |
| A-    | Excellent                       | 3.7  |
| B+    | Good                            | 3.3  |
| B     | Good                            | 3.0  |
| B-    | Good                            | 2.7  |
| C+    | Average                         | 2.3  |
| C     | Average                         | 2.0  |
| C-    | Below Average                   | 1.7  |
| D+    | Poor                            | 1.3  |
| D     | Poor                            | 1.0  |
| D-    | Poor                            | 0.7  |
| F     | Fail                            | 0  |
| P     | Pass (C/2.0 grade or above)     | - Not included in computing credits and grade points |
| I     | Incomplete                      |  |
| X     | Audit                           |  |
| WI    | Instructor Initiated Withdrawal |  |
| W     | Withdrawal – No Evaluation      |  |
| NC    | No Credit                       |  |

**Note:** Non Credit Courses also use the above letter grades for their courses; however, no grade points are awarded and grade point averages are not maintained.

Courses below 100 level are considered developmental and do not count toward credit hours earned, credit hours attempted, grade point average, or graduation.

## Final Grades

Final grades are generally available to you within one week of the official ending date of each semester. They are available via the Web through My Delta. See your most recent Course Guide booklet for access information. Final grades are listed on your official academic transcript, which is maintained by the Registrar's Office. Your final grade is the responsibility of individual faculty members. Instructors may exercise their own prerogatives with respect to your grades as long as these prerogatives do not conflict with other institutional policies.

## I - Incomplete

An instructor may assign an Incomplete grade if you have not fulfilled all course requirements when final grades are assigned. An Incomplete is a temporary grade given only when your work has been of **acceptable quality** near the end of the course, but the required amount has not been completed because of reasons satisfactory to the instructor.

**Requirements of a course are to be completed no later than December 1 for Incomplete grades issued in the Winter and Spring/Summer Semesters and April 1 for Incomplete grades issued in the Fall Semester.** In exceptional circumstances, additional time may be granted for completion of course work by written notification from the instructor to the Registrar.

## X - Audit

- A. A student enrolling in a course for an audit may do so through the automated registration process or by completing an Audit Request Form in the Records and Registration Office no later than the end of the Delta College official refund period. After that date, no courses may be converted from credit to audit or from audit to credit. The Records and Registration Office will:
  1. Inform the instructors of those students auditing their courses.
  2. Inform the Financial Aid Office of those students electing to audit.
- B. When a student enrolls in a course as an auditor, the following will apply:
  1. Tuition and fees will be paid as required.
  2. Instructor audit objectives will be fulfilled.
  3. A grade of "X" will be assigned and will not count in the Grade Point Average.
  4. No credit will be earned.
- C. Once a student has elected to audit a course, the audit may not be converted to credit.

## W - Withdrawal

This grade is used when you officially withdraw from a course from the 12th calendar day through the end of the 12th week (4/5's of course length).

For information on the drop and withdrawal policies and procedures, see Section II, Enrollment, Registration.

## WI - Instructor Initiated Withdrawal

This grade is instructor initiated for lack of course prerequisites or attendance through four-fifths (4/5) of the course (the 12th week of a 15-week course).

## Grade Change Procedure

Once recorded by the Registrar's Office, grades will be changed only if an official Grade Change Form is submitted online by the instructor and approved by the appropriate academic Dean. The Grade Change Form must be received **no later than one year following grade issuance**. This policy does not apply to grade changes under consideration via the Disputed Grade Policy.

## Integrity of Academic Work

See Section VI, Regulations & References.

## P/NC - Pass/No Credit Option

The Pass/No Credit grade option is available for several courses at Delta College. If you are interested in this grading option in place of the usual "A" through "F" grading system, you should declare this choice at registration or **no later than** the end of the 12th week of the semester (6th week of a session) by completing a form at the Registrar's Office. Courses approved for the P/NC grade option are listed in each semester's Academic Class Schedule booklet.

### Guidelines and Procedures for P/NC Grades:

1. Grades on the P/NC system are not included in computing the semester or cumulative point average.
2. Grade of "P" (Pass): Credit is granted and represents performance at or above the "C"/2.0 level.  
Grade of "NC" (No Credit): No credit is granted and represents performance at or below the "C-"/1.7 level.
3. You may **not** apply more than a total of 12 credits of P/NC course work toward Delta graduation requirements.
4. Enrollment on a P/NC basis is recorded with the Registrar's Office. No indication of your P/NC status will be communicated to a faculty member by any office of the College.
5. A letter grade will be on file in the Registrar's Office, but only "P" or "NC" will appear on your transcript.
6. If you desire to have any grades converted from P/NC to letter grades, you may do so by applying to the Registrar's Office **no later than the end of the following semester after the P/NC grade was issued.**
7. Course prerequisites and other criteria for enrolling in any course shall be determined by the Department or Division offering the course and apply equally to both the traditional and the P/NC grading systems.
8. If you are planning to transfer, you should first check with a Delta counselor regarding the acceptance of the P/NC grade option for specific courses by the transfer institution.

## Grade Point Average (G.P.A.)

A student's Grade Point Average is determined by dividing the number of credits attempted into the grade points. For example:

|   | Attempted | Grade   | Grade Points |
|---|-----------|---------|--------------|
| ENG 111                                 | 3         | B (3.0) | 3x3=9        |
| MTH 121                                 | 3         | B (3.0) | 3x3=9        |
| BIO 111                                 | 4         | C (2.0) | 4x2=8        |
| SOC 211                                 | 3         | A (4.0) | 3x4=12       |
|   | 13        |         | 38           |
| <b>G.P.A. = 38 divided by 13 = 2.92</b> |           |         |              |

**Credits Attempted** - Credits for which the student enrolled and for which grades of A through F were given. Credits for courses in which grades of P, W, WI, I, and X are given are not included here.

**Credits Earned** - Includes all academic credits taken at Delta for which final grades of A through D- were recorded. Courses below 100 are not included in credit hours earned.

**Credits Transferred** from other institutions or earned by examination are not included in cumulative averages.

**Non-Credit Courses** - Non-credit courses are not included in cumulative averages.

**Grade Points** - The number of grade points earned in a course is the number of credits multiplied by the number of grade points corresponding to the letter grade received. For example, a grade of B+ in a four-credit course equals 13.2 grade points (3.3 x 4 = 13.2).

**Repeated Courses** - The highest grade received by you for any given

course shall be the grade used in computing the cumulative grade point average and the number of credits shall only be counted once in the total number of credits attempted. All grades received by you in a given course shall, however, **remain on your academic transcript** but will be designated by the Registrar's Office as having been repeated, so it is clear that only the highest grades earned are being counted in cumulative totals.

You may not enroll in a course for credit or audit, whether completed or not, more than three times. Exceptions to this policy requires authorization by the appropriate Division Chair or Academic Dean.

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## Academic Transcripts

Your transcript is the College's official academic record of your work. Your record is updated at the close of each semester. Your academic record includes all academic courses attempted and completed (course titles, credit hours, final grades and honor points), semesters enrolled, transfer credit accepted, courses waived, courses substituted, credit awarded by examination or advanced placement, certificates/degrees awarded, honors, and academic probation/dismissal status. Grades of most Non-Credit course work are also maintained by the Registrar's Office. There is no charge for transcripts up to a maximum of 5 per day. Copies will be sent upon your written request to anyone designated by you. Ordinarily transcripts are mailed within one week. Transcript copies will not be furnished if you have delinquent accounts at the College.

## Attendance Policy

It will be necessary for certain groups of students (e.g., veterans, financial aid recipients) to adhere to attendance requirements imposed by the policies of external regulatory agencies beyond the following stipulated by Delta College:

1. Attendance is expected at all courses for your maximum achievement.
2. It is your responsibility to make arrangements for missed course work.
3. The College recognizes that on occasion special College-connected events will conflict with scheduled course/laboratory times. Before those special occasions, you will need to work with the instructor to make alternate arrangements.
4. Individual instructors determine attendance rules and will explain those rules at the initial course meeting and/or in the course syllabus.

## Change of Student Information

A change in your name, home address, e-mail address, or program needs to be reported immediately to the Registrar's Office or the Admissions Office. Most communications, and Grade Reports will be sent to your Delta e-mail address. Legal name changes, other than marriage, or a Social Security number change require proper documentation.

## Classification of Students

The classifications below apply only to academic students pursuing Certificate or Associate degree programs. Non-Credit course hours are not included.

- Freshman** 29 or fewer credits earned
- Sophomore** 30 or more credits earned
- Full-Time** Enrolled in 12 or more credits during a semester
- Part-Time** Enrolled in 11 or fewer credits during a semester

## Financial Aid Attendance Information

By federal regulations, attendance follow-up must be done for financial aid recipients who drop to 0 credits, who end the semester with all "F" grades or a combination of "F" and "W" grades, and for whom instructors process instructor-initiated drops. In all cases, if it is found that students never attended, aid will be adjusted, funds will be returned to appropriate aid programs, and the students will be billed.

## Semester Honors

Each semester a President's List is issued of all students who receive a grade point average of 4.0 for that semester; a Vice President's List for all students who receive 3.7 through 3.99 grade point averages; and a Dean's List of students who receive 3.5 through 3.69 grade point averages. To be eligible, you must complete at least 6 credit hours in a Fall, Winter or Spring/Summer Semester. Courses taken on the Pass/No Credit option do not apply.

# Disputed Final Grade Policy



## Student Guide For Disputed Final Grade

The process involved in deciding to pursue a remedy to a final grade that you are disputing is not easy. Because of the emotional stress and strain that may accompany this process, you should follow these basic steps toward evaluating whether there is factual merit to your dispute and how you need to organize the facts so that others involved might agree with your dispute and support a resulting change in your final grade.

Because Delta is a college-level adult environment, our philosophy is that students are self-sufficient, independent and responsible participants in the interactive, give-and-take, and subjective learning process. There is a human element on the side of the student and on the side of the instructor in every class situation. The human element means that portions of a final grade that may be subjective in nature are always the prerogative of the instructor.

A grade dispute must be based on correctable items or issues. For example, you must be able to point to concrete factors that have affected your final grade—points were left out of the grading total; an exam, project or presentation was scored incorrectly or not counted in the final tally; a project or some extra-credit work did not get factored into the final point total, etc. Examples like these can be verified or discovered by the instructor and/or division chairperson as they respond to your dispute.

Since a final grade assignment is made on an individual basis, the dispute procedure can only be used by an individual questioning his or her own grade and cannot be used by one individual on behalf of a group of individuals.

### Grounds for Appeal:

There are only three grounds for a student grade appeal, and any of these grounds may be sufficient to warrant an appeal.

1. The assignment of a grade in a manner other than that described on the course outline or course syllabus.
2. The assignment of a grade using a method other than that used for the other students in the class.
3. The assignment of a grade in a manner inconsistent with College policy, rules and regulations.

### Evaluation Strategy 1:

Your first step when considering a final grade dispute should be to revisit the course syllabus and compare its elements to where you believe an error in grading occurred. The initial syllabus is very important to your evaluation of how or whether to proceed. It was your “roadmap” for the course and should contain the expectations, standards, and measurements regarding how a final grade would be achieved. In this evaluation you should be able to break your grade down into its various pieces – quizzes, papers, projects, presentations, exams, and elements of class attendance requirements and participation.

### Evaluation Strategy 2:

When considering a dispute, this part of your evaluation is critical. You need to understand that learning style differences, needing a certain grade for transfer, meeting a prerequisite, or simply needing or expecting to do better in a course, are not disputable elements. These elements may have had a legitimate impact on your final grade, but it is expected that they would have been addressed much earlier in the course experience and in ways that would support the college-level independence, self-sufficiency and personal responsibility pointed out earlier.

### Evaluation Strategy 3:

If after careful self-reflection in steps 1 and 2 you believe that the appeal of your final grade is still solid and tangible, then you should go to the more official step of filing your dispute with the Grade Ombudsman, Karen Treadway (LLIC), Phone (989) 686-9275 or email [kgtheadw@delta.edu](mailto:kgtheadw@delta.edu). The following outlines the basic steps and timelines contained in the Disputed Final Grade Policy, 4.025. A complete copy is available from the Grade Ombudsman.

## Informal Process

A student who wishes to discuss concerns regarding a grade will contact the faculty member and/or the division chair no later than twenty-five calendar days following the date the grade was posted or the date the grade was due, whichever date is the latest. The faculty member and the student will attempt to resolve the differences. The division chair may be asked to assist with the conflict resolution.

## Formal Process

1. To formally appeal a final grade for a course, the student **must** contact the Grade Ombudsman within five (5) calendar days after the conference with the faculty member and/or division chair.
2. The student will write, within five calendar days of meeting with the Grade Ombudsman, a formal statement that explains the circumstances of the disputed grade. The statement will be given to the faculty member by the Ombudsman.
3. The faculty member will write a statement of response and submit it to the division chair and the Grade Ombudsman within five calendar days of receiving the student's statement.
4. The grade Ombudsman will supply the student with a copy of the faculty member's statement and supply the division chair with a copy of the student's statement.
5. The chair will meet with the student and the faculty member within five calendar days of receiving the student's and faculty member's statements to discuss the grade appeal.
6. The chair will take one of the following actions within two calendar days of the meeting with the student and the faculty member:
  - Dismiss the appeal and the grade remains.
  - Recommend a change of grade, or a change in the grade under specific conditions which are defined by the chair.
7. The recommendation of the chair may be appealed to the Grade Appeal Board by either the faculty member or the student within three calendar days of receiving the chair's recommendation.
8. The Grade Appeal Board is composed of seven members: four faculty members, (three appointed by the Faculty Executive Committee and one appointed by the chair from the Division which offers the course in which the grade is being appealed); the appropriate academic dean; one Student & Educational Services representative appointed by the Vice President of Student & Educational Services; and one student from the Student/Senate Liaison Committee, appointed by the Senate President.
9. The Grade Appeal Board will meet within 10 calendar days of receiving the appeal at a time when both parties are available to respond to the Board's questions. Under special circumstances, alternates may be appointed to the Grade Appeal Board by the person originally responsible for the appointment of that position.
10. By majority vote, the Grade Appeal Board will make one of the following decisions within two calendar days of the meeting:
  - The appeal is dismissed and the grade remains.
  - The grade dispute is resolved by changing the grade, or changing the grade under specific conditions. All members of the Board will determine if the grade should be changed and the faculty members on the Board will decide the specific grade to be awarded.
11. Decisions reached by the Grade Appeal Board may be appealed to the President of the College. The President will only hear appeals that involve claims of procedural mistakes made in the process defined above. The President may:
  - Dismiss the appeal
  - Return the case to the Grade Appeal Board for rehearing.



# Academic Status

## Academic Achievement Standards

1. A minimum cumulative grade point average of "C" (2.0) must be achieved to graduate with an Associate degree or Certificate.
2. A student making **Satisfactory Progress** is defined as:
  - a. Satisfactory/No Conditions - A student whose cumulative Grade Point Average satisfies the **Academic Status Scale**.
  - b. Academic Caution - A student whose cumulative Grade Point Average (GPA) satisfies the **Academic Status Scale** but is below 2.0 and the credit hours attempted are less 45.
3. A student making **Unsatisfactory Progress** is defined as:
  - a. Academic Probation - A student who has attempted 13 or more credit hours and whose cumulative GPA is below the required grade point average as indicated on the **Academic Status Scale**.
  - b. Academic Suspension - A student who has been on Probation for at least two Academic Semesters or who has not met the conditions of their **Academic Improvement Plan**.

## Table for Determining Academic Status

Following is the table for determining your academic status at Delta College. To use the table: 1) locate on your grade report or academic transcript your cumulative grade point average and the total number of credits attempted; 2) find the corresponding credits attempted in the left-hand column of the table; and 3) read across the page to your right until you locate the column which includes your current cumulative grade point average. This column heading indicates whether you are making Satisfactory Progress or are on Academic Probation.

### Academic Status Scale

| Credit Hours Attempted | Satisfactory Progress |             | Unsatisfactory Progress |
|------------------------|-----------------------|-------------|-------------------------|
|                        | No conditions         | Caution     | Probation               |
|                        | GPA                   | GPA         | GPA                     |
| 0 - 12.9               | 1.50 - 4.0            | 0.00 - 1.49 |                         |
| 13.0 - 23.9            | 1.75 - 4.0            | 1.50 - 1.74 | 0.00 - 1.49             |
| 24.0 - 44.9            | 2.00 - 4.0            | 1.75 - 1.99 | 0.00 - 1.74             |
| 45.0 or more           | 2.00 - 4.0            |             | 0.00 - 1.99             |

## Procedures for Academic Caution, Probation, and Suspension

### I. ACADEMIC CAUTION:

Following each semester, students are notified of their status by the Registrar. Caution students are strongly urged to seek the assistance of an appropriate member of Counseling /Advising.

### II. ACADEMIC PROBATION:

After each semester's grades have been posted, students placed on probation will be notified of their status by the Registrar and will be **required** to develop an Academic Improvement Plan (AIP)<sup>1</sup> with an assigned member of Counseling /Advising. An approved AIP must be on file in the Registrar's Office before students will be allowed to enroll.

### III. ACADEMIC SUSPENSION:

Students on Academic Probation for at least two semesters, who have not met the conditions of their AIP, will be notified of their status by the Registrar's Office. They will be denied enrollment for two consecutive semesters and will also be de-enrolled from classes in which they have already registered for upcoming semesters.

1. Students placed on suspension who may have mitigating circumstances<sup>2</sup> may appeal their suspension to the Dean of Student & Educational Services or his/her designee. If the appeal is successful an AIP will be required prior to registration.
2. Students who wish to enroll *following two semesters on suspension* will be required to meet with an assigned member of Counseling/Advising and have a new AIP on file in the Registrar's Office prior to registering.

#### <sup>1</sup> ACADEMIC IMPROVEMENT PLAN (AIP)

An **Academic Improvement Plan** is an agreement that specifies actions to be taken by the student. It includes such things as:

- Specific course selection that will provide for maximum success.
- Number of credits to attempt that semester (based on data presented by student) and approved by counselor or advisor.
- Assistance e.g. tutoring, selecting peer mentored classes, meeting with instructor.
- Time management strategies.
- Other services as appropriate including Disability Concerns, counselors, career center, etc.

#### <sup>2</sup> MITIGATING CIRCUMSTANCES

Mitigating circumstances are *documented* conditions beyond the reasonable control of the student that will have a *long-term* effect. Students considering an appeal must first consult with their Counselor/Academic Advisor.

## Fresh Start Policy

If you wish to re-enroll after an absence from Delta College of three or more years you may submit a request to the Registrar to have your GPA recomputed using only grades earned after enrollment. If the request is approved, all courses previously taken at Delta College will remain on your permanent record/transcript. All course grades prior to re-enrollment will be converted to P/NC grades. Courses with grades of A, A-, B+, B, B-, C+, C will become P grades with credit; all other course grades will become NC grades without credit. You may only use the Fresh Start Policy once. The cumulative GPA and Academic Achievement policy conditions will be computed using all grades earned from the point of re-enrollment. Note: Regardless of the number of P grades resulting from this policy, a maximum of twelve (12) credits of P grades may be applied toward Delta College graduation requirements. You are advised to discuss this option with your Counselor prior to the request.

# Standards of Academic Progress for Financial Aid Recipients

Students must be making satisfactory academic progress toward the completion of a Certificate or Associate degree to be eligible for financial aid.

Standards of Academic Progress for Financial Aid Recipients are applied to all students receiving financial assistance after they have attempted 12.9 credits at Delta College. All semesters and courses in which students registered at Delta College are included in determining Satisfactory Academic Progress, regardless of whether or not the students received financial aid for those semesters and courses.

## I. Standards of Academic Progress for Financial Aid Recipients

- A. Making Satisfactory Academic Progress is defined as earning a cumulative grade point average (GPA) consistent with the Academic Status Scale below. In calculating the GPA on this Scale, all credits for which students ever enrolled at Delta College are included (grades A through F, P, NC, I, W, and WI, plus all repeated courses).

### ACADEMIC STATUS SCALE

| Attempted Delta Credits | Minimum GPA Required |
|-------------------------|----------------------|
| 0-12.9                  | 0.00                 |
| 13-23.9                 | 1.50                 |
| 24-44.9                 | 1.75                 |
| 45 or more              | 2.00                 |

- B. Making Satisfactory Academic Progress is also defined as having satisfactorily completed 67% or more of all credits in which students have ever enrolled at Delta College.
1. Grades of A, A-, B+, B, B-, C+, C, C-, D+, D, D- or Pass are considered to be satisfactory completions.
  2. Grades of W, WI, NC-No Credit, I-Incomplete, and F-Failure are not considered to be satisfactory completions.
  3. For students with repeat grades, the lower grade is considered to be an unsatisfactory completion and the higher grade is considered to be a satisfactory completion.
  4. For students choosing the Fresh Start option, grades changed to P are considered to be satisfactory completions. Grades changed to NC are not considered to be satisfactory completions. (Students choosing this option should be aware that grades of C-, D+, D, and D-, which are considered as satisfactory completions, will be converted to NC grades, which are not considered to be satisfactory completions.)
- C. Satisfactory Academic Progress also requires that financial aid recipients complete the Certificate or Associate degree within a time frame which, by federal regulation, is 150% of the published length of the program. For example, if a student is in an Associate degree program that requires 62 credits, the degree must be completed in a maximum of 150% of 62 credits, or 93 credits including both attempted and completed credits. (Students should consult the Delta College Catalog, Section III, Programs of Study, to find the number of credits required in their Certificate or Associate degree program, then multiply that number by 1.5 to determine the maximum number of credits.)
1. When students reach the maximum number of credits, financial aid will be terminated.
  2. All semesters are taken into consideration when determining the maximum number of credits, whether or not students received aid during those semesters.
  3. All grades (A through F, P, I, NC, W, and WI) and repeated courses are counted in determining the maximum number of credits.
  4. Transfer credit must be taken into consideration when calculating the maximum number of credits for an Associate degree and for a Certificate.

Academic records of aid recipients are reviewed by the Financial Aid Office prior to awarding for the standard academic year (Fall and Winter Semesters) to ensure that Standards of Academic Progress for Financial Aid Recipients continue to be met. Records are reviewed again prior to awarding for the Spring-Summer Semester. Additionally, academic records for loan recipients are checked prior to each disbursement. Students receiving aid whom the College places on Academic Probation between reviews will maintain their aid eligibility (but not their loan eligibility) for the probational semester(s) until the next review, providing them with the opportunity to improve their academic records and once again meet Standards. If Standards of Academic Progress for Financial Aid recipients are not met at the time of the next review, financial aid will be terminated.

## II. Appeals

- A. Students who have been terminated from further financial aid for failure to meet Standards of Academic Progress have the right to appeal. All appeals must be submitted in writing on the Satisfactory Academic Progress Appeal Form to the Financial Aid Office. Appeals must be received no later than two weeks before the semester begins. Appeals received after that time will be considered to be appeals for the following semester, unless the students are officially registered in classes (tuition and fees are paid and students are in attendance). Students submitting appeals should state the reasons why satisfactory progress was not made and discuss actions that have been or will be taken to make satisfactory progress in the future. **Documentation supporting the reasons for the appeal must be attached. Appeals submitted without documentation will not be considered.** Mitigating circumstances beyond the reasonable control of students, such as injury or illness, death of a relative, or other special circumstances may be grounds for successful appeals.
1. If appeals are approved, students will receive an additional probational semester of aid during which they must **EITHER** complete all courses in which they register with grades of C (2.0) or better (no C-, D+, D, D-, F, or NC grades), and with no Withdrawals (W or WI) and no Incompletes (I), **OR** once again meet the Delta College Standards of Academic Progress for Financial Aid Recipients. At the end of the semester, grades will be checked.
  2. If students have met the Standards of Academic Progress for Financial Aid Recipients, aid will once again be awarded. If students have not met these Standards, but have met the conditions stated in No. 1 above, further aid will be granted on a probational semester-by-semester basis. Grades will be checked at the end of each semester before aid is awarded for the next semester to ensure that students are continuing to make academic progress. This process will continue until such time as the student once again meets the Standards of Academic Progress for Financial Aid Recipients. If it should be found that students have not made academic progress during one of these probational semesters, aid will be denied and the students will have to attend at their own expense until such time as the Standards of Academic Progress for Financial Aid Recipients are once again met.
- B. A second Standards of Academic Progress appeal may be submitted to the Director of Financial Aid if a student has additional documentation for consideration. The Director's decision regarding the second appeal will be considered final.



# Graduation Requirements

## Degrees and Certificates Granted by Delta College

- Associate in Arts
- Associate in Science
- Associate in Fine Arts
- Associate in Applied Arts
- Associate in Applied Science
- Associate in General Studies
- Associate in Business Studies
- Dual Degree
- Certificate of Completion
- Certificate of Achievement
- Advanced Certificate
- Post Associate Certificate

## Basic Requirements

1. Earn a minimum cumulative grade point average of "C" (2.0) in the courses required to complete a specific Associate Degree or Certificate.
2. Fulfill all of the prescribed requirements of the Degree or Certificate including courses, credit hours, grades, and/or hours of attendance. See Section III, Programs. (Courses numbered below 100 do not count toward any associate degree or certificate.)
3. Successfully complete "key courses" in a program within a stated timeframe. Students may, therefore, need to repeat certain courses, even though a passing grade was previously earned.
4. File an application for an Associate or Dual degree and/or Certificate with the Registrar's Office at least three months before your anticipated graduation date.
5. Fulfill all financial obligations to Delta College.
6. The number of P (pass) credits applied to a Degree or Certificate must not exceed 20% of total required credits of the Degree or Certificate and must not exceed 12 credits.
7. For Certificates, earn at Delta College a minimum of two-thirds (2/3) of program credits or 24 credits, whichever is less. Any programmatic exceptions to the two-thirds (2/3) or 24 credit requirement will be approved by the Curriculum Council and identified in Section III, Programs.
8. For Associate Degrees, earn a minimum of sixty-two (62) credits hours. A minimum of twenty-four (24) semester hours must be Delta College academic credits.

## Course Designations

Courses designated by an "H" (for Honors), "C" (for courses that require co-registration in another course), and "W" (for Writing), are considered course variations of a regular course and incorporate the same course content. Course variations are considered equal in meeting graduation requirements and prerequisites. Lab courses designated by an "L" are *not* considered a course variation

## Statement of General Education

Delta College is committed to general education for our community college students. General education develops basic knowledge, critical thinking skills, and values that influence our behavior and motivate us as lifelong learners. Delta College, along with area employers, transfer institutions, and the greater community, agrees that general education is key to personal and professional success.

## Continuous Attendance

If your attendance has been **continuous** in the same program you may, for the purpose of graduation, elect either the program in effect at the time of your first registration at Delta or the program in effect at the time of your application for graduation. **Continuous attendance is defined as attending a minimum of one semester during each academic year since your first registration or when you officially declared your program of study.** If your attendance has not been continuous, you must follow the program in effect at the time of your readmission.

## Group Requirements for Associate in Arts and Science Degrees

Completion of requirements for either the Associate in Arts Degree or the Associate in Science Degree may fulfill the requirements of the MACRAO Articulation Agreement. Information on the MACRAO Articulation Agreement is on page 24.

Specific major program requirements and acceptable courses within the group requirement areas differ among transfer colleges and universities. It is recommended that if you are planning to transfer, you should consult with a counselor/advisor to ensure that your planned course work meets the requirements for graduation from Delta College as well as specific requirements at other institutions into which you may wish to transfer.

**You must complete courses from at least two subject areas listed in each of Groups I, II, and III.** "All" includes courses numbered 100-299; courses below 100 are excluded. Courses listed in more than one group may only be counted once.

### Group I: Humanities (in at least two subject areas)

American Sign Language (ASL): All  
Architectural Technology: ARC 251 only  
Art: All except ART 113, 219, 283, 289  
Communications (COM): All  
Electronic Media Broadcasting: EMB 140, 175 only  
English: ENG 120, 214, 253, 254, 256 only  
French (FR): All  
German (GE): All  
History: HIS 111 and 112 only  
Interdisciplinary Humanities (IHU): All  
Literature (LIT): All  
Music: All except MUS 138  
Philosophy (PHL): All  
Psychology: PSY 232  
Spanish (SPA): All except SPA 109  
Social Science Interdisciplinary: SSI 110, 232, 234 only

### Group II: Social Science (in at least two subject areas)

Biology: BIO 230 only  
Economics (ECN): All  
History (HIS): All  
Geography (GEO): All except GEO 103, 111, 261, 267  
Interdisciplinary Humanities: IHU 110 only  
Interdisciplinary Social Science (SSI): All  
Political Science (POL): All  
Psychology (PSY): All except PSY 235, 300  
Sociology (SOC): All except SOC 157, 158, 159, 161, 162, 300  
Social Science Interdisciplinary (SSI): All  
Technical Trades Interdisciplinary (TTI): TTI 100W (only)

### Group III: Natural Science (in at least two subject areas; must include at least one lab science of 15 contact hours.)

Astronomy (AST): All  
Biology (BIO): All  
Chemistry (CHM): All  
Computer Science: CST 180, 183, and 280 only  
Environmental Science: ENV 310, 320 only  
Geography: GEO 103, 111, 261, and 267 only  
Geology (GLG): All  
Interdisciplinary Science: SCI 250, 290-299 only  
Mathematics: MTH 110 and above except MTH 117  
Physical Science (PSC): All  
Physics (PHY): All  
Sociology: SOC 230 only

**Note:** HIS 111 and 112, PSY 232 may be included in either Group I or Group II, but may not be counted in both groups. BIO 230 and SOC 230 may be included in either Group II or Group III, but may not be counted in both groups.

## Associate in Arts (A.A.)

1. Fulfill all Basic Requirements.
2. Satisfactorily complete six credits in English composition or an approved equivalent from the following:  
ENG 111, 111H, 111C, or 111A; and ENG 112, 112H, 112A, ENG 113, ENG 211, or ENG 211H.
3. Satisfactorily complete 8 credits minimum in each of Groups I, II and III.
4. Successfully complete six credits in content-area writing courses. Students with previously-earned degrees from regionally accredited colleges and universities are exempt from this policy.
5. Successfully complete two credits of Lifelong Wellness:  
LW --- (2 credits), or  
LW --- (1 credit) and any LWA course (1 credit).
6. Successfully complete an approved course in government:  
POL 103, 104, 111, 212, 215, 220, 221, 223, 225, 228 or 229.

## Associate in Science (A.S.)

1. Fulfill all Basic Requirements.
2. Satisfactorily complete six credits in English composition or an approved equivalent from the following:  
ENG 111, 111H, 111C, or 111A; and ENG 112, 112H, 112A, ENG 113, ENG 211, or ENG 211H.
3. Satisfactorily complete 8 credits minimum in each of Groups I and II plus 20 credits minimum in Group III.
4. Successfully complete six credits in content-area writing courses. Students with previously-earned degrees from regionally accredited colleges and universities are exempt from this policy.
5. Successfully complete two credits of Lifelong Wellness:  
LW --- (2 credits), or  
LW --- (1 credit) and any LWA course (1 credit)
6. Successfully complete an approved course in government:  
POL 103, 104, 111, 212, 215, 220, 221, 223, 225, 228, 229 or 229.

## Associate in Applied Arts (A.A.A.)

1. Fulfill all Basic Requirements.
2. Satisfactorily complete all courses listed in one of the Delta College occupational curricula. See Section III, Programs.
3. Successfully complete six credits in content-area writing courses. Students with previously-earned degrees from regionally accredited colleges and universities are exempt from this policy.
4. Successfully complete two credits of Lifelong Wellness:  
LW --- (2 credits), or  
LW --- (1 credit) and any LWA course (1 credit), or  
LW 206A, LWA 206B, and LWA 206C for occupational programs (2 credits).
5. Successfully complete an approved course in government: POL 103, 104, 111, 212, 215, 220, 221, 223, 225, or 228.

## Associate in Applied Science (A.A.S.)

1. Fulfill all Basic Requirements.
2. Satisfactorily complete all courses listed in one of the Delta College occupational curricula. See Section III, Programs.
3. Successfully complete six credits in content-area writing courses. Students with previously-earned degrees from regionally accredited colleges and universities are exempt from this policy.
4. Successfully complete two credits of Lifelong Wellness:  
LW --- (2 credits), or  
LW --- (1 credit) and any LWA course (1 credit), or  
LW 206A, LWA 206B, and LWA 206C for occupational programs (2 credits).
5. Successfully complete an approved course in government: POL 103, 104, 111, 212, 215, 220, 221, 223, 225, 228 or 229.

## Associate in Business Studies (A.B.S.)

1. Fulfill all Basic Requirements.
2. Satisfactorily complete all courses listed in one of the Delta College occupational curricula. See Section III, Programs.
3. Successfully complete six credits in content-area writing courses. Students with previously-earned degrees from regionally accredited colleges and universities are exempt from this policy.
4. Successfully complete two credits of Lifelong Wellness:  
LW --- (2 credits), or  
LW --- (1 credit) and any LWA course (1 credit), or  
LW 206A, LWA 206B, and LWA 206C for occupational programs (2 credits).
5. Successfully complete an approved course in government: POL 103, 104, 111, 212, 215, 220, 221, 223, 225, 228 or 229.

## Associate in Fine Arts (A.F.A.)

1. Fulfill all Basic Requirements.
2. Satisfactorily complete all courses listed in one of the Delta College occupational curricula. See Section III, Programs.
3. Successfully complete six credits in content-area writing courses. Students with previously-earned degrees from regionally accredited colleges and universities are exempt from this policy.
4. Successfully complete two credits of Lifelong Wellness:  
LW --- (2 credits), or  
LW --- (1 credit) and any LWA course (1 credit), or  
LW 206A, LWA 206B, and LWA 206C for occupational programs (2 credits).
5. Successfully complete an approved course in government: POL 103, 104, 111, 212, 215, 220, 221, 223, 225, 228 or 229.

## Associate in General Studies (A.G.S.)

This degree will meet your needs if your goal is self-enrichment and you are not following a specific occupational or transfer program. All courses offered for academic credit at Delta College are applicable to this degree as per course descriptions. Because of the limited transferability, or in some cases non-transferability, of this degree, it is strongly suggested that you discuss this option with a counselor/advisor and consider fulfilling the Group Requirements.

1. Fulfill Basic Requirements Nos. 1, 2, 4, 5, 6, and 8.
2. Successfully complete six credits in content-area writing courses.\* Students with previously-earned degrees from regionally accredited colleges and universities are exempt from this policy.
3. Successfully complete an approved course in government: POL 103, 104, 111, 212, 215, 220, 221, 223, 225, 228 or 229.

## Associate Degree Requirements for Subsequent, Concurrent, and Dual Degree(s)

Associate Degree(s) can be earned concurrently or following other earned degree(s).

### A. Subsequent Associate Degree Requirements

Students may earn a Delta College associate degree after previously earning an associate or higher degree from a regionally accredited college or university

1. Fulfill all Basic Degree requirements.
2. Satisfactorily complete a planned curriculum in one (1) degree, with the exception of the Associate in General Studies.
3. Earn a minimum of twenty-four (24) additional semester hours of credit by instruction at Delta College. Accordingly, the minimum number of credits earned must equal the credits required for the first degree plus 24.

### B. Concurrent Degree Requirements

Students may earn two Delta College associate degrees concurrently. While working on one degree at Delta College, students may complete courses applied to a second associate degree. Therefore, credits earned beyond those needed for the first degree may be applied toward the second degree.

1. Fulfill all Basic Degree requirements.
2. Satisfactorily complete a planned curriculum in two (2) degrees, with the exception of the Associate in General Studies.
3. At least 48 credits must be earned at Delta College: 24 credits to meet the residency requirements of the first degree, and 24 credits to meet the residency requirements of the concurrent degree.

### C. Dual Associate Degree Requirements

Dual degrees are available for students in several fields. Requirements are generally completed concurrently. The Counseling and Advising Office has a listing of approved Dual Degrees. Also see Section III, Programs, Dual Degrees.

1. Fulfill all Basic Degree requirements.
2. Satisfactorily complete all courses listed in one (1) of the Delta College curricula approved for the Dual Degree.
3. Satisfactorily complete a minimum of an additional twenty-four (24) semester hours as prescribed for the Degree. Accordingly, at least 48 credits must be earned at Delta College: 24 credits to meet the residency of the first degree, and 24 additional program credits.

# Commencement



One of the most memorable moments in your life will be receiving your Certificate or Associate degree from Delta College. You will want to attend Commencement, which will highlight this special moment for you and your family. Give your family and friends the special pleasure of seeing you graduate from Delta College.

Although you may complete graduation requirements at the end of the Fall or Spring Semester, Commencement ceremonies are only held once a year at the end of the Winter Semester. Diplomas however, are mailed to you by the Registrar's Office approximately four weeks after the end of the month in which you complete your requirements.

The Commencement Program and your academic transcript will carry special designations if you complete your Associate degree with an outstanding academic record according to the following cumulative grade point averages:

- 3.50 -3.69 Honors
- 3.70 -3.89 High Honors
- 3.90 -4.00 Highest Honors

Transfer students are eligible for graduation honors if they have completed at least twenty-four (24) credit hours of a curriculum at Delta College.

## Student Awards

Outstanding students are recognized each year for their academic achievement and leadership while in attendance at Delta College. These awards are sponsored by individuals, businesses, and organizations that are committed to the Delta College Community. The Graduate Student Award Ceremony and Reception is held the week of Commencement each spring. Award recipients are presented an individual plaque, have their name inscribed in a group plaque for display in a Delta College showcase, and are presented a cash honorarium. Award application information is available from the Vice President of Students Office B-137 mid-January. Recipients are strongly encouraged to attend the ceremony.

**Candidates are encouraged to apply for an award and MUST meet the following criteria:**

- Already graduated with an Associate Degree in the proceeding months of May – December 2010 OR
- Graduating with an Associate Degree in January-August, 2011. Application for Graduation must be submitted to the Registrar's Office to be eligible.
- Recipient may not win the same award twice.

**Items considered by all Award Selection Committees:**

- Delta College Cumulative Grade Point
- Delta College Grade Point in coursework directly related to specific award
- Community involvement active participation in volunteer associations, college clubs( and organizations, church clubs and associations, independent volunteerism examples)
- Letters of recommendation from faculty/staff, supervisors, and volunteer coordinators.

## Award Descriptions:

### Board of Trustees Award

Presented to graduates who have earned a 4.00 Cumulative GPA and a minimum of 45 Delta credits.

### William R. Collings Award of Excellence–Highest Recognition Award

The Outstanding Achievement, Leadership Potential and Service Graduate Award was established by Dow Corning Corporation of Midland, in memory of Dr. William R. Collings. Dow Corning Corporation was formally established in 1943, and Dr. Collings was named company's

first general manager, later serving as president from 1954 to 1962. He was also a Charter Member of the Delta College Board of Trustees, and served on the Board from 1957 to 1976. The Dr. William R. Collings Award of Excellence has been given out since 1986 in memory of Mr Colling's wise and generous counsel and superior leadership as president of the Dow Corning Corporation. This award recognizes academic achievement and superior citizenship. The graduate must have an excellent academic record and potential for outstanding future achievement. Evidence of demonstrated leadership in extracurricular activities that benefit the College and community is essential. Finalists will be contacted for a personal interview with the Awards committee.

### Robert & Joyce Hetzler Family – Highest Recognition Award

Outstanding Graduate in Service & Leadership. The Hetzler Award was established in honor of Robert and Joyce Hetzler Family. Mr. Hetzler is former Chair of the Foundation Board, and the retired President and Chief Executive Officer of Monitor Sugar Company. Mrs. Hetzler taught home economics at schools in Michigan and Virginia for five years before raising the couple's children. The award recognizes the graduate who has demonstrated outstanding achievement based on service and leadership to the college and the community. A high level of academic achievement at Delta must also be evident as documented by letters of recommendation or other documentation. Personal service and leadership examples include, but are not limited to volunteer work at schools, churches, charitable organizations, and fund raisers. Finalists will be contacted for a personal interview with the Awards Committee.

### Art Award – Sponsor: Peter & Suzanne Frantz

The Peter B. and Suzanne Smith Frantz Art Award Endowment was made possible with a gift of from Mr. Frantz in memory of his wife. Mr. Frantz spent his career as an architect, and authored a book in 2000, *Jane's Letters from Ireland: 1884-1886*, featuring letters from his maternal grandmother, Jane Stanley, one of America's premier watercolor artists. Mrs. Frantz, who passed away in July 2005, was an accomplished artist who worked in the photography department at Delta College and exhibited her work at Adrian College, Central Michigan University and Alma College. The following programs are considered for this award: Art Majors, Electronic Media/Graphic Designs and graduates who completed multiple art classes.

### Business Management Award – Sponsor: Morley Foundation

The Morley Foundation was established in 1948 by Mr. and Mrs. Ralph C. Morley Sr. Morley Companies. The Morley Foundation Award recognizes annually the outstanding Delta graduate in business programs and business management. The award has been established to recognize academic achievement and good citizenship, thereby demonstrating the business community's concern and appreciation of superior performance. Additionally, it is expected such recognition will encourage other students to strive for success in the area of business. The following programs are considered for this award: Construction Management, Cosmetology Management, Marketing Management, Merchandising Management, Retail Management, Small Business Management, Business Management, and Business Administration.

### Criminal Justice Award – Sponsor: F.O.P. Bay City Lodge 103

The Fraternal Order of Police is the world's largest organization of sworn law enforcement officers, with more than 324,000 members in more than 2,100 lodges. They are the voice of those who dedicate their lives to protecting and serving our communities, and are committed to improving the working conditions of law enforcement officers and the safety of those we serve through education, legislation, information, community involvement, and employee representation. No one knows the dangers and the difficulties faced by today's police officers better than

another officer, and no one knows police officers better than the F.O.P. The following programs are considered for this award: Corrections, Basic Police Training Certification Track, Law Enforcement.

#### **Education Award – Sponsor: Edward & Kathryn Dunn Langenburg**

Edward and Kathryn (Dunn) Langenburg of Bay City are retired educators, the parents of two children - Scott and Ann-Marie - and the grandparents of six. Mr. Langenburg worked for 31 years as a counselor and administrator for the Bay City Public Schools, and Mrs. Langenburg worked for 32 years as a mathematics teacher for Bangor Township and Bay City Public Schools. Mr. Langenburg received a Bachelor of Arts degree in Education and a Master's degree in Counseling from Central Michigan University. Mrs. Langenburg attended Bay City Junior College and received an Associate's degree from Delta College (graduating during the College's first commencement exercises), a Bachelor of Science degree in Mathematics from Central Michigan University, and a Master's degree in Teaching from Saginaw Valley State University. She is a member of the Delta College Foundation Board of Directors, and believes in giving back to Delta College for scholarship support she received when she was a college student. The following programs are considered for this award: Child Development, Teacher Assistant, Industrial Technology Education, Art Education, Business Education, Elementary Education, Industrial Arts Education, Music Education, Physical Education, Pre-School Education, Secondary Education, and Special Education.

#### **Engineering & Technology Award – Sponsor: Fred E. Dulmage**

The Fred E. Dulmage Memorial Award annually recognizes the outstanding Delta College graduate in mechanical engineering and technology. It was established to recognize academic achievement and good citizenship thereby demonstrating Delta College's appreciation of superior performance. Additionally, it is expected such recognition will encourage other students to strive for success. The following programs are considered for this Award: Mechanical Engineering Technology, Pre-Engineering, and graduates with demonstrated excellence in CAD, CNC, & DRF courses.

#### **English Award – Sponsor: Margaret Timm**

This award was established by Mr. Wesley Timm in memory of his wife Margaret Timm. A Bay City native, Mrs. Timm attended Bay City Public Schools and Bay City Junior College concentrating on foreign languages and graduating in 1931. She continued her studies in foreign languages at the University of Michigan. In 1933, she graduated with a major in Latin, minors in French and German, a K-12 Teaching Certificate and a Phi Beta Kappa key. At Central Michigan and Purdue Universities, she earned two Master degrees in English. When Garber High School opened, she was English Department head and introduced Advanced Placement English. For 30 years, Mrs. Timm emphasized excellence in all her classes as she prepared the students for college and life. At age 80, Margaret retired in 1993. She passed away in 2001. Mr. Timm, a member of the "Committee of 300" (considered to be founders of Delta College), passed away in 2007. The following programs are considered for this award: Journalism and/or emphasis on courses within the English Division. Nominees must submit two writing samples. The English Division faculty will select the award recipient.

#### **Finance Award – Sponsor: Chemical Bank**

Chemical Financial Corporation (CFC) is the third largest bank holding company in Michigan, operating 129 Chemical Bank offices located throughout Michigan's Lower Peninsula. Chemical Bank understands the people, resources and potential of the communities in which they serve and help to make their communities better now and in the future for their neighbors and families. At Chemical Bank, this "neighbor-helping-neighbor" spirit is important. Programs considered, but not limited to: Accounting.

#### **Foreign Language Study Award – Sponsor: Lola Bishop Whitney Recognition**

During her long life from July 13, 1883 until March 26, 1976, Lola Bishop Whitney lived a life which was filled with a spirit of adventure and a commitment which inspired students during her 41 years of teaching. As a dedicated teacher, she inspired students to study, to learn, to explore, and to strive for the best within them. It is hoped that her zest for adventure and learning will be communicated to those who receive awards and recognition from her endowment fund, and that her life will forever be an inspiration for students of all ages. The Lola Bishop Whitney Foreign Language Award was established to encourage and support foreign language study, which was a life-long pursuit for Lola Bishop Whitney, the former language teacher in Bay City. The following programs are considered for this award: Foreign Language majors, International Studies, or students who have demonstrated sustained excellence in foreign language courses over several semesters of study.

#### **Health Sciences Award – Sponsor: James McIntyre**

The Outstanding Graduate in Health Science Programs Award (except Nursing) was created by James R. McIntyre, a lifetime Saginaw resident and Delta College supporter. Mr. McIntyre was employed by and later owned the McIntyre Funeral Chapel for 45 years, retiring in 2005. He is a Past President of the Saginaw (Downtown) Lions Club, a current member of the West Saginaw Civic Association and Second Vice President of PRIDE in Saginaw. He was named honorary grand marshal of the 2005 PRIDE Christmas Parade. Health Science Programs (except Nursing) considered for this award: Dental Assisting, Dental Hygiene, Diagnostic Medical Sonography, Physical Therapist Assistant, Radiography, Respiratory Care, and Surgical Technology.

#### **(Applied) Industrial/Technical Award - Sponsor: Gougeon Brothers, Inc.**

In 1969, Meade Gougeon and his younger brother Jan, who's hometown is Bay City, founded Gougeon Brothers' Boatworks to build iceboats. Gougeon Brothers, Inc. has always been a privately-held company but in 1983, set the ground work to become an employee-owned company. In effect, any Gougeon employee you speak with is a part-owner of the company with a vested interest in keeping customer satisfaction. Gougeon Brothers, Inc. has a mission statement affirming their purpose to provide safe, high-quality, cost-effective products and comprehensive technical information supported by continual research and development. The following programs are considered for this award: HVAC, Fire Science, Refrigeration, Machine Tools, Welding, Skilled Trades, Construction, Manufacturing.

#### **Life Sciences Award – Sponsor: Julius and Irene Sutto**

The Julius & Irene Sutto Student Award for Life Sciences Endowment has been established by gifts from Mr. Sutto in memory of his wife to honor a top student enrolled in the Life Sciences. Mr. Sutto was a member of the Delta College "Committee of 300", considered to be the College's founders, and was employed with the County of Saginaw as its first controller in 1964 and served on the Saginaw County Board of Commissioners. Mrs. Sutto was the first female elected to the Spaulding Township School Board and the Bridgeport-Spaulding School Board, and served in a number of leadership roles. Delta College's Life Sciences includes: Biology Majors, Pre-Biotechnology, Pre-Dentistry, Pre-Dietetics, Pre-Medical Technology, Pre-Medicine, Pre-Mortuary Science, Pre-Occupational Therapy, Pre-Optometry, Pre-Osteopathy, Pre-Pharmacy, Pre-Physical Therapy, Pre-Veterinary Medicine and related medical fields.

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**Mathematics Award – Sponsor: Jim and Janis Van Tiflin**

This award has been established with a gift from Jim and Janis Van Tiflin. Mr. Van Tiflin is a member of the Delta College Foundation Board of Directors and serves as President of Citizens Bank. Mrs. Van Tiflin is a retired medical librarian. Both were born and raised in Saginaw, graduated from Saints Peter and Paul High School and attended Delta College. The Van Tiflins are grateful for the training they received at Delta. The recipient should have a strong academic record in the mathematics curriculum, with a minimum of 12 credits earned in higher level mathematics (Algebra, Calculus, Geometry, and Statistics).

**Nursing Award – Sponsor: Frances Goll Mills**

This award was established by a gift by the Frances Goll Mills Memorial Fund and recognizes an outstanding graduate in nursing. Mrs. Goll Mills, who passed away in 1982, moved to Saginaw in 1932 from Ohio. She became a well-respected artist in the Mid-Michigan area, having her works displayed at the Detroit Institute of Art, the Saginaw Art Museum and the Saginaw Women's Club. The following programs are considered for this award: Licensed Paramedic to RN, LPN to RN, Nursing, and Pre-Nursing (BSN).

**Office or Administrative Technology – Sponsor: S. C. Johnson Award**

SC Johnson is a family-owned and managed business dedicated to innovative, high-quality products, excellence in the workplace and a long-term commitment to the environment and the communities in which it operates. SC Johnson is one of Bay City's premiere corporate citizens and believes in contributing to the well-being of the countries and communities in which they conduct business. The following programs are considered for this award: Administrative Assistant, Office Services Management, Medical Secretary, and Legal Support Professional.

**Science Award – Sponsor: Dow Chemical Michigan Operations**

This award is sponsored by the Dow Chemical Michigan Operations. Dow Chemical Company is a diversified chemical company that harnesses the power of innovation, science and technology to constantly improve what is essential to human progress. The Company offers a broad range of products and services to customers in more than 175 countries, helping them to provide everything from fresh water, food and pharmaceuticals to paints, packaging and personal care products. Built on a commitment to its principles of sustainability, Dow has annual sales of \$49 billion and employs 43,000 people worldwide. The following programs are considered for this award: Chemical Process Technology, Chemical Technology, Environmental Technology Agriculture, Pre-Biotechnology, Chemistry Majors, Conservation, Forestry, Geography, Geology, Natural Resources, and Water Environmental Technology.

**Social Science Award- Sponsor: Wesley C. Timm**

This award was established in memory of Mr. Timm who was a member of the "Committee of 300", considered to be the founders of Delta College. While he believed strongly in higher education, he was especially proud that nearly two-thirds of Delta's graduates stay in or around the Tri-County area as local residents and tax paying citizens. Mr. Timm was very concerned about the future of the United States, the State of Michigan and the Tri-County area. He had a vision that, in order for the Great Lakes Bay Region (Bay, Midland and Saginaw Counties) to prosper, persons with vision and leadership need to be developed and motivated, and convinced to settle in this area. He believed that Delta College was very capable of training the next generation of leaders for the Great Lakes Bay Region. This award will be presented annually to a student whose performance best shows the potential for future leadership in government, education or business. The student must have taken multiple classes within History, Political Science or Economics, and shall be chosen by a committee consisting of representatives from such disciplines.



**Section V**

# **Academic Courses**



# Course Information

Courses listed in this section are those which Delta College is approved to offer; however, inclusion of a course does not obligate the College to offer the course in any particular semester or year. Most of the courses listed will be offered at least once during a complete academic year. Course offerings are listed on MyDelta search for classes in late January for the Spring/Summer and Fall Semesters, and by late September for the Winter Semester. **Courses in this section, as well as on MyDelta, are listed in alphabetical order by department name according to three or four character course numbers.**

## An Example

### Department Area Name

| Catalog Number  | Course Title               | Course Credits                            |
|---|----------------------------|---|
| ACC 211   | Principles of Accounting 1 | 4 Sem Hrs                                 |
| <p>Prerequisite: MATH LEVEL 4 and READING LEVEL 2 or "B" or higher in ACC 111.</p> <p>Introduces basic concepts of accounting principles. Includes the accounting cycle for service and merchandising businesses, internal control, accounting for current assets, long-term assets, current liabilities, and owner's equity. Recommended for transfer (as an alternate to ACC 111 (60-15))</p> |                            |   |
| Course Description  |                            | Hours of Instruction (lecture-laboratory) |
| Course Prerequisite   |                            |   |

## Course Credits

- Each course is assigned a number of credits which generally indicates the number of hours per week the course meets. Courses with labs and occupational courses, however, generally meet more hours than the number of credits they carry.
- Tuition rates are assessed on a per-credit-hour basis, and vary depending on your residency classification. Total tuition for each course must be paid at registration time.

## Course Descriptions

- Below each course number and title, a brief course description is provided. You should read this description carefully to be sure you are qualified to take the course and that the course content meets your needs and interests. If you need additional information, you may contact the Chair of the Division which offers the course or the course instructor.
- Instructors often give supplemental course information (i.e., course outline, syllabus, tasks and competencies, etc.), during the first week of classes, so students will know specific course procedures, grading criteria, and course objectives. Circumstances such as illness, inclement weather, class composition and size, or the introduction of timely material may necessitate some adjustments. The College recognizes the right of the faculty member to exercise professional judgment in making such adjustments.

## Hours of Instruction

The numbers given within parentheses at the end of each course description indicate the total number of hours each course will be scheduled within a semester. The first number specifies total lecture hours and the second number specifies total laboratory or clinical hours for the course.

## Course Numbering System

All Delta College academic courses have a three to five character course number. MyDelta Search for Classes, which is available online prior to each semester, lists courses in alphabetical order by subject area name according to these course numbers.

- Courses below 100 are considered developmental and do not meet graduation requirements.
- Courses within the 100-199 series generally represent freshman-level courses; however, these courses may also be taken by sophomores.
- Courses within the 200-389 series are intended primarily for sophomores; however, these courses may be taken by freshmen having the necessary prerequisites.
- Courses within the 290-299 series designate special courses as follows: 291 Independent Study (arranged on an individual basis between student and faculty member; see Independent Study Course Information on the next page); 292-299 Special Topics/Seminars (such courses will be offered as regular courses upon demand or to meet the special needs of some programs, except ACE courses).

## Course Designations

Courses designated by an "H" (for Honors), "C" (for courses that require co-registration in another course), and "W" (for Writing), are considered course variations of a regular course and incorporate the same course content. Course variations are considered equal in meeting graduation requirements and prerequisites. Lab courses designated by an "L" are *not* considered a course variation.

## Honors Course Sections

Honors courses incorporate all regular course content with greater emphasis on enrichment and becoming actively involved in the learning process. You learn and apply diverse concepts while stressing creative and critical thinking. You will be expected to be more self-directed with a goal of understanding the theoretical base of the subject matter. Honors courses and Honors Options are designated on your transcript with an "+" designation.

## Course Prerequisites

Prerequisites listed at the beginning of course descriptions are courses which must be taken or skill levels which must be met before enrolling in the course. Skill levels are demonstrated by either assessment scores or course grades according to the following tables. Some prerequisites are not computer-enforced, but may be enforced at the discretion of the division.

A Bachelor's Degree from a regionally accredited institution meets prerequisites which require College Composition II. Official transcripts must be provided to the Delta College Registrar's Office.

## Understanding Levels

If you have not completed an ENG course, see Initial Placement Chart. To view your scores go to "Placement Test Summary" on your MyDelta account

| <b>Reading Levels</b>     |  |
|---------------------------|--|
| Effective SP/SU/FALL 2011 |  |
| Level                     | Course Grade                                 |
| Bridge Program →          | None   |
| 1 →                       | Enrolled in ENG 093                          |
| 2 →                       | C or better in ENG 093                       |
| 3 →                       | A- in ENG 093                                |
| 4 →                       | A on Eng 093<br>OR<br>C or better in ENG 097 |

| <b>Writing Levels</b>     |   |
|---------------------------|---|
| Effective SP/SU/FALL 2011 |   |
| Level                     | Course Grade                                  |
| Bridge Program →          | None  |
| 1 →                       | Enrolled in ENG 090                           |
| 2 →                       | C or better in ENG 090                        |
| 3 →                       | A- on Eng 090<br>OR<br>C or better in ENG 098 |
| 4 →                       | A on Eng 090<br>OR<br>A- or better in ENG 098 |

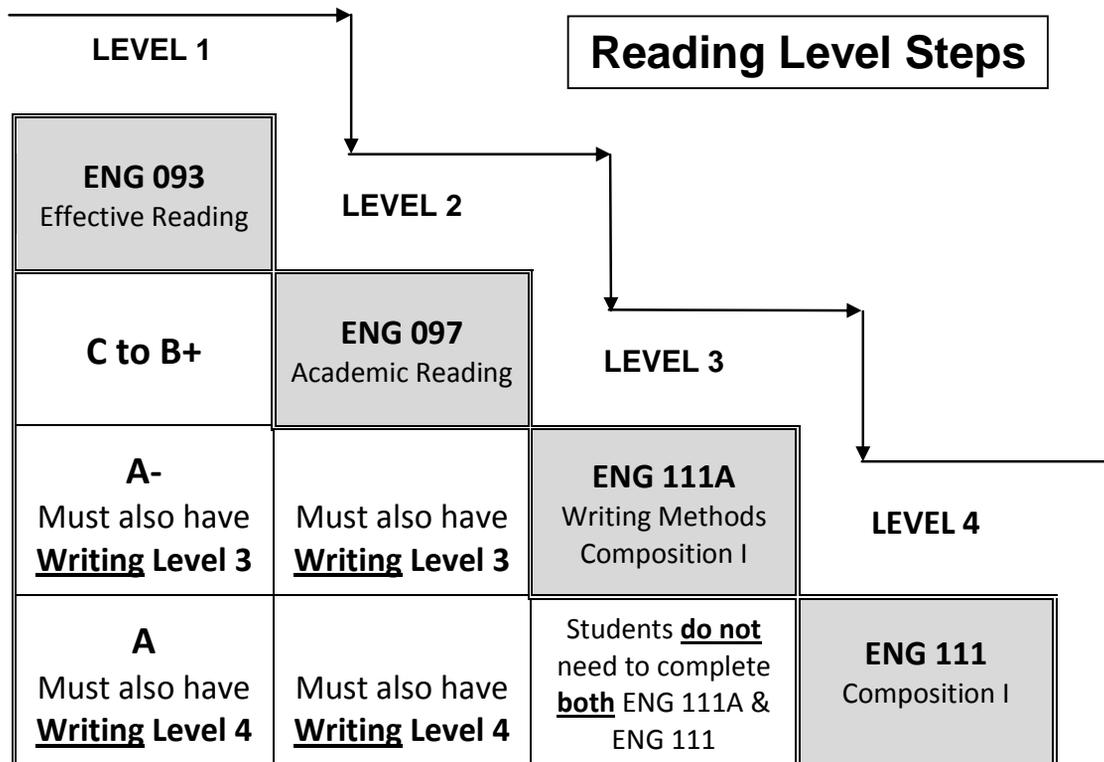
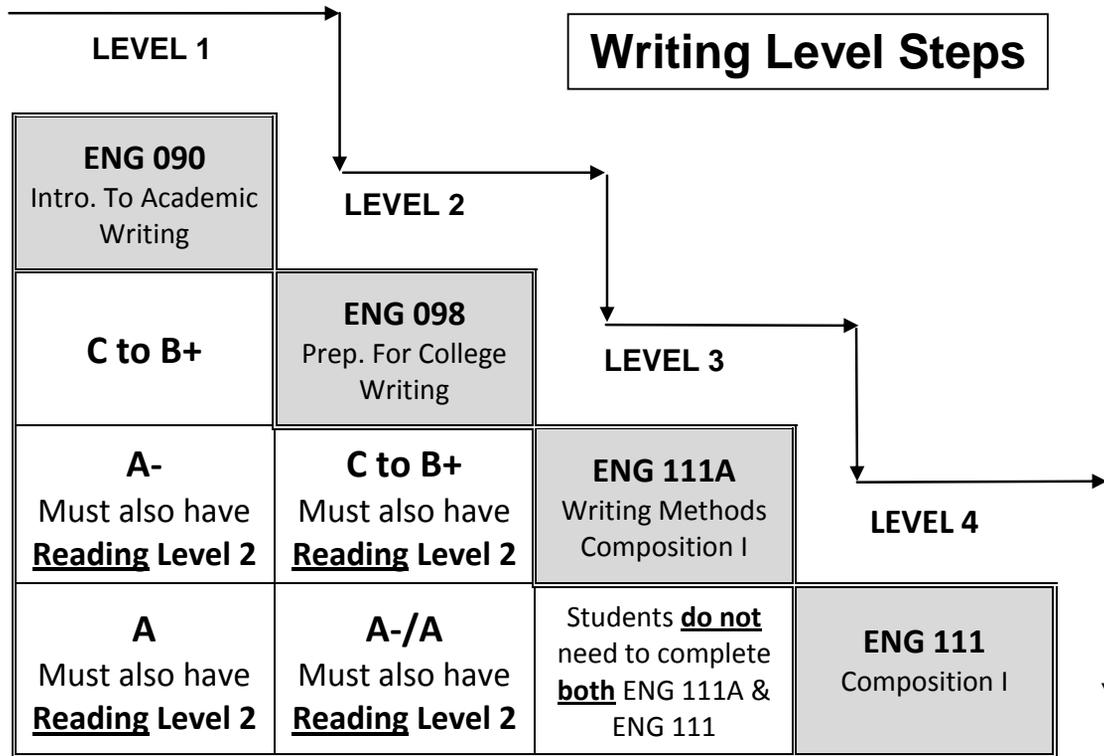
## English Levels - Initial Placement (COMPASS or ACT)

Find your Reading and Writing levels on the sides of this chart. Where they meet are the English courses to start with. You do not need to take both courses, but is recommended to fast track to ENG III/IIIA.

|         |  |   |  |  |   |
|---------|--|---|--|--|---|
| Reading | R-Level 4<br>Compass 81-100<br>ASSET 42-55<br>Act English - 20 → | <b>ENG 090</b><br>Introduction to Academic Writing  | <b>ENG 098</b><br>Preparation for College Writing  |  | <b>ENG 111</b><br>College Composition 1   |
|         | R-Level 3<br>Attained by course grade only →                     |   |  |  |   |
|         | R-Level 2<br>Compass 61-80<br>ASSET 35-41 →                      | Take <b>ENG 097</b><br>Academic Reading and <b>ENG 090</b><br>Introduction to Academic Writing                      | Take <b>ENG 097</b><br>Academic Reading and <b>ENG 098</b><br>Preparation for College Writing                      |  | Take <b>ENG 097</b><br>Academic Reading and <b>ENG 111</b><br>College Composition 1 |
|         | R-Level 1<br>Compass 36-60<br>ASSET 26-34 →                      | Take <b>ENG 093</b><br>Effective Reading & Vocab Development and <b>ENG 090</b><br>Introduction to Academic Writing | Take <b>ENG 093</b><br>Effective Reading & Vocab Development and <b>ENG 098</b><br>Preparation for College Writing |  | <b>ENG 093</b><br>Effective Reading & Vocab Development                             |
|         |  | W-Level 1<br>Compass 16-37<br>ASSET 33-37 ↑   | W-Level 2<br>Compass 38-69<br>ASSET 38-41 ↑  | W-Level 3<br>Attained by course grade only ↑ | W-Level 4<br>Compass 70-100<br>ASSET - 42-55<br>Act English - 20 ↑                  |
| Writing |  |   |  |  |   |

## STEPS TO ENG 111 / ENG 111A

Writing and reading course eligibility is determined by final grade in current ENG course. You may take a reading and writing course at the same time to fast track to ENG 111 / ENG 111A.



## Math Prerequisite Levels

| Level | Assessment Scores  | OR | Course Grade  |
|-------|--|----|---|
| 1     | COMPASS Numerical/Pre-Algebra 18-43<br>ASSET Numerical/Pre-Algebra 28-40                     | OR | Currently enrolled in MTH 092                           |
| 2     | COMPASS Numerical/Pre-Algebra 44-100<br>ASSET Numerical/Pre-Algebra 41-55                    | OR | C or better in MTH 092                                  |
| 3     | COMPASS Algebra 13-40<br>ASSET Elementary Algebra 28-37                                      | OR | C or better in MTH 096                                  |
| 4     | Level attained by course completion only   | OR | C or better in MTH 097                                  |
| 5     | COMPASS Algebra 41-70<br>ASSET Elementary Algebra 38-55/Intermediate Algebra 31-44<br>ACT 19 | OR | B- or better in MTH 097                                 |
| 6     | COMPASS Intermediate Algebra 71-100<br>ASSET Intermediate Algebra 45-55<br>ACT 21            | OR | C or better in any MTH 119                              |
| 7     | COMPASS College Algebra 46-100<br>ASSET College Algebra 43-55<br>ACT 23                      | OR | C or better in MTH 119                                  |
| 8     | COMPASS College Algebra 46-100<br>ASSET College Algebra 43-55<br>ACT 23                      | OR | C or better in MTH 120 or MTH 121 or MTH 122 or MTH 151 |
| 9     | COMPASS Trigonometry 0-45<br>ACT 25  | OR | C or better in MTH 121                                  |
| 10    | COMPASS Trigonometry 46-100<br>ACT 27  | OR | C or better in MTH 151                                  |
| 11    | ACT 27   | OR | C or better in MTH 161                                  |
| 12    | ACT 27   | OR | C or better in MTH 162                                  |
| 13    | ACT 27   | OR | C or better in MTH 261                                  |

All levels can also be demonstrated by a satisfactory division pretest score if a student is not satisfied with his/her placement.

| If you would like to register for... | You need this math level...    |
|--------------------------------------|--------------------------------|
| MTH 092                              | 1                              |
| MTH 096                              | 2                              |
| MTH 097                              | 3                              |
| MTH 117                              | 3                              |
| MTH 115W                             | 4                              |
| MTH 116W                             | C or better in MTH 115         |
| MTH 118W                             | 4                              |
| MTH 119AW                            | 4                              |
| MTH 119W                             | 5                              |
| MTH 120                              | 6                              |
| MTH 122W                             | 6                              |
| MTH 208W                             | 6 (or C or better in MTH 118W) |
| MTH 121                              | 7                              |
| MTH 160                              | 8                              |
| MTH 151                              | 9                              |
| MTH 161                              | 10                             |
| MTH 162                              | 11                             |
| MTH 260                              | 12                             |
| MTH 261                              | 12                             |
| MTH 263                              | 13                             |
| MTH 264                              | 13                             |

## eLearning

We're going the distance... so you don't have to.

Students today require learning flexibility...and Delta College is committed to providing you with learning options that fit into your busy life style. The Internet, Virtual Classrooms, and other technologies are making college degrees attainable through eLearning.

The advantages of eLearning courses are convenience and flexibility – not simplicity. Students must be highly motivated and disciplined to be successful in an eLearning course. Successful students communicate with their instructors regularly. Students are highly encouraged to access their virtual course sites and contact their instructors on the start date of the semester.

eLearning course options are published each semester in the Course Planning Guide. If you would like to learn more, contact the eLearning Office at 989-686-9088 or by e-mail at [elearning@delta.edu](mailto:elearning@delta.edu)

Delta College eLearning Course Options:

- **Internet Courses (INET)** - An Internet course is a course designed to deliver 100% of the course material/content, assessments and required online interactive discussions between professor-to-student(s), student-to-professor or student-to-student(s) exclusively through the Internet by a qualified Internet professor. Any assessments requiring proctoring can be conducted at the Delta College Academic Testing Center or any approved off campus sites. Instructors may offer optional face-to-face orientations for students who choose to attend. Some Internet courses may require an additional content fee for access to required online course content.
- **Blended Courses (CNET)** – A Blended course requires both Internet and traditional face-to-face meeting times. The distribution of course material assessments and interactions between professor-to-student(s), student-to-professor, or student-to-student(s) are delivered in a combination of both Internet and face-to-face meeting times that is to be determined by the professor. The syllabus will list the dates for required face-to-face meetings or the instructor will inform the class at the first session according to the date listed on your student schedule. Testing can be done online or in the classroom. Information will be provided in the college syllabus or stated by the instructor.

eLearning courses are not easier and may not be the best learning option for every student.

Michigan Community College Virtual Learning Collaborative (MCCVLC) is a collaboration between Michigan community colleges that allow Delta College students to take eLearning courses from other community colleges in Michigan. If a specific course is not available at Delta College, you may find comparable courses through the MCCVLC at [www.mccvlc.org](http://www.mccvlc.org). Check with your counselor to make sure the course credit will transfer back to Delta College.



**On the Web:** [www.delta.edu/elearning](http://www.delta.edu/elearning)

## International Travel/Study Courses

Delta College offers international travel/study courses on an annual basis. These courses are usually offered for four credits which include a combination of lecture and field experience in group international travel; however, since the length of travel time may vary from one to four weeks, the Curriculum Council has approved variable credit, depending on the length of the travel field experience. Consequently, travel/study courses may vary in credits from a minimum of one to a maximum of four. These courses are numbered 268 and may be taken in various disciplines; i.e., BIO 268, ECN 268, SOC 268. The specific country/region of focus will be listed after the course number and title (SOC 268 International Studies: Australia). You may register for only one travel/study course per trip. You should consult a counselor regarding the transferability of total credits earned through international study and travel.

## Learning Community Courses

Learning community courses are courses in which:

1. Disciplines are taught together (for example, literature with history, calculus with physics, criminal justice with psychology) so that the connections between them are clear.
2. You can work with other students on activities and projects.
3. You can interact with other students and teachers and be part of a closely-knit, supportive community of learners.
4. You may experience a variety of learning modes such as participating in large and small group discussions, working on activities and projects, taking field trips, and hearing lectures.
5. Students and teachers work closely together, contributing what they already know and seeking new knowledge.
6. You get to express your thoughts and ideas and to hear those of your fellow students.
7. You can gain self-confidence about yourself as a student, a thinker, a reader, a writer, a speaker, a listener.

These courses usually combine two or more different disciplines or areas in order to show the connections between them. They are taught by at least two instructors, each from the different disciplines or areas included in the course. Each semester, Delta College publishes a complete list of learning community courses in the Course Guide booklet.

## Independent Study Course Information

Independent Study refers to enrollment in an appropriately-designated, variable-credit course for a specific plan of study, authorized and supervised by a consenting faculty member. Independent Study is not a substitute for regular courses, but an enrichment opportunity. Normally, it is a project designated to allow you to investigate an area of interest not within the scope of a regular course, to probe more in depth than is possible in a regular course, or to obtain an educational experience outside that normally offered by a regular course.

Guidelines for an Independent Study course are:

1. **Proposals:** The Independent Study project is normally student-initiated. Early interaction with faculty is essential in the development of a mutually-acceptable project description. At a minimum, such a description should contain an outline of the study topic, specification of the work to be done and the materials to be read, the credit to be given, the type and frequency of faculty-student contacts, and a statement of the evaluative criteria to be used by the faculty member.
2. **Approval Process:** The faculty member must accept and approve the project and then submit the agreed-upon proposal on the appropriate form to the Department Chair for approval. The granting of approval by the Department Chair may involve considerations, such as faculty workload, which go beyond the merits of the project. If the Chair approves, information copies of the form are then submitted to the Academic Dean and Registrar's. The student may register for the project after the authorization form is received by Registrar's.
3. **Responsibility:** Independent Study is basically a tutorial process, necessarily involving substantial faculty participation. Students are on their own when pursuing an Independent Study, because it involves no class meetings or formal lectures. The faculty member is the responsible custodian of the project, obliged to provide guidance, assistance, criticism, suggestion, and evaluation.
4. **Variable Credit:** With faculty approval, credit may vary from one to six credits.

# Course Abbreviations



Courses in this section, as well as those on MyDelta search for classes, are listed in alphabetical order by department areas. The department area abbreviation appears on students' official transcripts.

| Abbreviation | Department Area                           | Page |
|--------------|---|------|
| ABS          | Applied Behavioral Studies                | 210  |
| ACC          | Accounting                                | 211  |
| ACE          | Academic Career Experience (also see CED) | 211  |
| AFT          | Aviation Flight Technology                | 213  |
| AGM          | Auto Service Education Program (ASEP)     | 214  |
| ARC          | Architectural Technology                  | 215  |
| ART          | Art                                       | 216  |
| ASL          | American Sign Language                    | 218  |
| AST          | Astronomy                                 | 218  |
| AUT          | Automotive Service                        | 218  |
| BIO          | Biology                                   | 219  |
| CAD          | Computer Aided Design                     | 221  |
| CD           | Child Development                         | 222  |
| CED          | Cooperative Education (also see ACE)      | 222  |
| CHM          | Chemistry                                 | 224  |
| CJ           | Criminal Justice                          | 225  |
| CNA          | Certified Nursing Assistant               | 227  |
| CNC          | Computer Numerical Control                | 227  |
| COM          | Communication                             | 227  |
| CPI          | Chemical Process Industries               | 228  |
| CST          | Computer Science & Information Technology | 229  |
| CT           | Chemical Technology                       | 233  |
| DA           | Dental Assisting                          | 233  |
| DH           | Dental Hygiene                            | 234  |
| DMS          | Diagnostic Medical Sonography             | 235  |
| DRF          | Drafting                                  | 236  |
| ECN          | Economics                                 | 237  |
| ED           | Education                                 | 237  |
| EDU          | Education for Professional Development    | 238  |
| EDD          | Electronic Distribution Design            | 237  |
| EET          | Electronic Engineering Technology         | 239  |
| EGR          | Engineering                               | 240  |
| EM           | Electronic Media                          | 240  |
| EMB          | Electronic Media Broadcasting             | 240  |
| EMS          | Emergency Medical Service                 | 242  |
| ENG          | English                                   | 242  |
| ENT          | Entrepreneurship                          | 244  |
| ENV          | Environmental Science                     | 244  |
| ET           | Electrical Technology                     | 245  |
| FR           | French                                    | 246  |
| FST          | Fire Science Technology                   | 246  |
| GE           | German                                    | 248  |
| GEO          | Geography                                 | 249  |
| GLG          | Geology                                   | 249  |
| HIS          | History                                   | 250  |
| HSC          | Health Science                            | 251  |

| Abbreviation | Department Area                            | Page |
|--------------|--|------|
| ID           | Interior Design                            | 251  |
| IHU          | Interdisciplinary Humanities               | 252  |
|              | Interdisciplinary Science (see SCI)        | 284  |
| ITE          | Industrial Technology Education            | 253  |
| LEA          | Leisure Activity                           | 254  |
| LIB          | Library Skills                             | 254  |
| LIT          | Literature                                 | 254  |
| LSP          | Legal Support Professional                 | 256  |
| LW           | Lifelong Wellness                          | 257  |
| LWA          | Lifelong Wellness Activity                 | 258  |
| LWT          | Lifelong Wellness Theory                   | 260  |
| MGT          | Management                                 | 261  |
| MIT          | Manufacturing & Industrial Technology      | 262  |
| MS           | Machine Tool Operations                    | 262  |
| MT           | Mechanical Technology                      | 263  |
| MTH          | Mathematics                                | 264  |
| MTP          | Massage Therapy                            | 265  |
| MUS          | Music                                      | 265  |
| NPT          | Nursing (RN) Part-time                     | 267  |
| NT           | Nursing Transition (PN or Paramedic to RN) | 268  |
| NUR          | Nursing (RN) Full-time                     | 269  |
| OAT          | Office Administration & Technology         | 271  |
| PHL          | Philosophy                                 | 272  |
| PHM          | Pharmacology                               | 274  |
|              | Photography (see Art)                      | 216  |
| PHY          | Physics                                    | 274  |
| PNE          | Practical Nursing Education                | 274  |
| POL          | Political Science                          | 275  |
| PSC          | Physical Science                           | 276  |
| PSY          | Psychology                                 | 276  |
| PTA          | Physical Therapist Assistant               | 277  |
| QA           | Quality Assurance                          | 279  |
| RAD          | Radiography                                | 280  |
| RC           | Residential Construction                   | 281  |
| RHA          | Refrigeration/Heating & Air Conditioning   | 282  |
| RT           | Respiratory Care                           | 283  |
| SCI          | Interdisciplinary Science                  | 284  |
|              | Sign Language (American) - (Sec ASL)       | 218  |
| SK--         | Skilled Trades                             | 284  |
| SOC          | Sociology                                  | 289  |
|              | Sonography, Diagnostic Medical (see DMS)   | 235  |
| SPA          | Spanish                                    | 291  |
|              | Speech (See COM)                           | 227  |
| SSI          | Social Science Interdisciplinary           | 292  |
| ST           | Surgical Technology                        | 292  |
| TTI          | Technical Trades Interdisciplinary         | 293  |
| WELD         | Welding Engineering Technology             | 293  |
| WET          | Water Environment Technology               | 294  |
| WTT          | Wind Turbine Technology                    | 295  |



# Course Descriptions

## Applied Behavior Studies

### **ABS 090A Successful Transitions A 1 Sem Hr**

Explores internal and external factors that affect college success. Examines the knowledge, attitudes and skills needed to increase self-awareness and confidence; self regulation and responsibility; motivation and productive personal goals. Develops knowledge in creating effective habits in a supportive, student-centered class, and increases competence in effectively interacting with others. Does not earn credit toward graduation. Recommended for students needing or taking ENG 090, ENG 107, or ENG 108 and students who realize a need for further self-development.(15-0)

### **ABS 090B Successful Transitions B 1 Sem Hr**

Prerequisite:ABS090A. Encourages student-oriented discussion, practice and application of personal and social success skills learned in ABS090A. Focuses on time management, assertive communication, peer interaction and support, problem solving, collaboration, and cooperation. Does not earn credit toward graduation. Recommended for students needing or taking ENG 090, ENG 098, ENG 107, ENG 108, or ENG 109 and students who recognize their need to continue to increase their strategies for college success. (15-0)

### **ABS 096 Resources and Responsibilities: The College's and Yours 2 Sem Hrs**

Must be taken concurrently with ABS 100W except when ABS 100W has already been successfully completed with a grade of "C" or better. Increases ability to meet college expectations in a supportive, student-centered class. Introduces and uses multiple College resources and services (such as the Library, Teaching/Learning Center, Career Center, Counseling and Advising, Educator, college website). Assists in assessing and exploring individual strengths and weaknesses. Introduces and uses strategies to increase confidence, motivation, discipline and self-responsibility. Increases knowledge and use of effective communication and teamwork skills and writing-to-learn strategies. Recommended for students with a combined minimum COMPASS reading/writing score of 65 and for students enrolled in ENG 090, 098, 108 or 109, as well as for students who have been away from formal schooling for a number of years. (30-0)

### **ABS 100W Building Academic Success 2 Sem Hrs**

Must be taken concurrently with ABS 096 except when ABS 096 has already been successfully completed with a grade of "C" or better. Illustrates techniques for becoming an active learner. Assists students in exploring and using various time management tools; note taking styles; test preparation and test taking techniques; active textbook reading and review strategies; memory techniques; personal learning style characteristics and writing-to-learn strategies. Assists in assessing student's emotional intelligence and ability to handle the stressors of college with a focus on test anxiety and procrastination. Credit can be earned toward graduation and/or transfer in only one of the following classes: ABS 100W, ABS 108A, ABS 108, or ABS 292. (30-0)

### **ABS 101W College Success 2 Sem Hrs**

Explores academic skills and strategies needed for college-level learning and success. Examines effective personal attributes/behaviors, available college resources, and general expectations of college professors and courses. Practices engagement in the greater campus culture and recognition of the value of learning beyond the classroom. Assists in the identification of individual strengths and the creation of a personal plan for reaching college goals using information from the course. Encourages writing, as a reflective practice, to enhance learning. (30-0)

### **ABS 102 The Job Hunt 1 Sem Hr**

Develops skills in identifying students' job-related abilities and attitudes; locating leads in the job market; writing resumes and cover letters; completing applications and interviewing. (15-0)

### **ABS 104W Behavior Change I 1 Sem Hr**

Assists students in identifying, examining, and changing their self-limiting thoughts, attitudes, and behaviors. Examines the socialization process and the development of the social self, as they apply to personal, and individual change. Develops a plan for change. (15-0)

### **ABS 105W Behavior Change II 1 Sem Hr**

Prerequisite: ABS 104. Applies the Take Charge Theory to students, to others and to situations primarily through group activities. Reviews the American Socialization Process, explores social behavioral theories as they apply to personal change and growth, and practices the process of Creative Mental Imagery. (15-0)

### **ABS 108AW Becoming a Master Student/Plus Practice 3 Sem Hrs**

Combines the goals of ABS 108 with additional time for individual attention to student needs in using study and life skills practice. Recommended for students who want or need additional practice and instructor feedback or who are coming back to school after an extended absence and whose assessment scores indicate skills in ENG 111A range. Credit may be earned in only one of the following: ABS 101, ABS 108 or ABS 108A or ABS 292. (45-0)

### **ABS 108W Becoming A Master Student 2 Sem Hrs**

Assists students in obtaining skills critical to their college success. Demonstrates and practices strategies in test taking, note taking, memory, textbook reading, and thinking critically. Identifies and explores college resources and life skills related to college success, such as personal responsibility; relationship building; health, time and stress management. Recommended for students with average or above average academic skills and high motivation whose assessment scores indicate skills in the ENG 111 range. Credit may be earned in only one of the following: ABS 101, ABS 108, ABS 108A or ABS 292. (30-0)

### **ABS 111W College Expectations and You 1 Sem Hr**

Prerequisite: Reading or Writing LEVEL2. Explores information needed to make a successful transition to college level expectations for learning and success. Examines effective personal attributes, available college resources, and general expectations of college professors and courses. Assists in the creation of a personal plan of action for reaching college goals using information from the course. (15-0)

### **ABS 113 Career Decision Making for Adults in Transition 1 Sem Hr**

Prerequisite:READINGLEVEL2. Explores the results of and opportunities available for adults in career transitions. Provides experience in the steps involved in the career decision-making process through students working in a cooperative, respectful group atmosphere. Investigates personal values, skills, interests and abilities and explores a variety of careers using campus resources. Matches the student's personal characteristics with careers and creates a plan of action to accomplish short and long range career goals.(15-0)

### **ABS 200W Career Decision Making 1 Sem Hr**

Prerequisite: READING LEVEL 3 or WRITING LEVEL 2. Develops student ability to make career choices by focusing on the steps in the career decision making process (Self Awareness, Career Awareness, Decision Making, and Creating a Plan). Investigates personal values, skills, interests and abilities and explores a variety of careers using campus resources. Assists in matching personal characteristics with careers and creating a plan of action to accomplish short- and long-range career goals while working in a cooperative, respectful group atmosphere. Encourages writing, as a reflective practice, to enhance learning. Credit may be earned in ABS 103 or ABS 200 but not both. (15-0)

**ABS 201W** **Employability Skills for Success** **1 Sem Hr**

Prerequisite: READING LEVEL 3 and WRITING LEVEL 3. Develops skills in identifying students' job-related abilities and attitudes; locating leads in the job market; writing resumes and cover letters; completing applications, and interviewing. Encourages writing, as a reflective practice, to enhance learning. Credit may be earned in ABS 201 or ABS 102, but not both. (15-0)

**ABS 290-299 Special Projects in Applied Behavioral Science****Accounting****ACC 111** **Introductory Accounting** **4 Sem Hrs**

Practices basic accounting procedures including journalizing, posting, preparation of financial statements, special journals, subsidiary ledgers, petty cash fund, bank reconciliation, and payroll accounting. Requires completion of a practice set. Transfer students should take ACC 211. Not recommended to take ACC 111 if credit has already been earned in ACC 211(60-0).

**ACC 211** **Principles of Accounting I** **4 Sem Hrs**

Prerequisite: MATH LEVEL 4 and READING LEVEL 2 or "B" or higher in ACC 111. Introduces basic concepts of accounting principles. Includes the accounting cycle for service and merchandising businesses, internal control, accounting for current assets, long-term assets, current liabilities, and owner's equity. Recommended for transfer (as an alternative to ACC 111). (60-15)

**ACC 212** **Principles of Accounting II** **4 Sem Hrs**

Prerequisite: ACC 211 with a C (2.0) minimum grade. Includes a study of corporation basic theory and methodology, statement of cash flows, accounting for manufacturing operations, and accounting data as used in performance measurement, decision making, planning, and control. (60-15)

**ACC 214** **Microcomputer Accounting Applications** **4 Sem Hrs**

Prerequisite: CST 133 with a "C" or better and ACC 211 with a "C" or better. Introduces microcomputer applications in general ledger, accounts receivable, accounts payable, payroll, and inventory/invoicing. Develops electronic spreadsheet applications using appropriate software. Outside laboratory assignments are required. (60-0)

**ACC 215W** **Federal Tax Accounting** **3 Sem Hrs**

Prerequisite: ACC 212. Studies the Federal income tax law. Emphasizes core income tax principles and relates them to individual and business entity applications. Includes preparation of individual and business entity tax returns. (45-0)

**ACC 216W** **Volunteer Income Tax Assistance (VITA)** **2 Sem Hrs**

Prerequisite: MATH LEVEL 4 and READING LEVEL 3. Provides instruction in preparation of federal, state, and local individual income tax returns and uses practical experience in the preparation of these returns. Provides service to qualifying citizens within the tri-county district by preparing tax forms and filing electronically. Requires 30 hours of service-learning. (30-30)

**ACC 227W** **Intermediate Accounting I** **4 Sem Hrs**

Prerequisite: ACC 212 with a "C" (2.0) minimum grade or equivalent. Includes a study of accounting processes, theory, and principles. Includes financial statement presentation, revenue recognition, evaluation of current assets, property plant and equipment, intangible assets, and time value of money. Designed for transfer. (60-0)

**ACC 228W** **Intermediate Accounting II** **4 Sem Hrs**

Prerequisite: ACC 227W with a "C" (2.0) minimum grade or equivalent. Presents accounting for current liabilities, stockholders' equity, EPS, income taxes, pensions, leases, long-term liabilities, and the statement of cash flows. Designed for transfer. (60-0)

**ACC 233** **Cost Accounting** **3 Sem Hrs**

Prerequisite: ACC 212 with a C (2.0) minimum grade. Relates principles and methods of handling materials, labor costs, and manufacturing expenses to the formulation of reports to management. Includes job order, process, standard, direct and budgetary costing procedures. (45-0)

**ACC 235** **Financial Management** **3 Sem Hrs**

Prerequisite: ACC 212 with a C (2.0) minimum. An introduction to the basic concepts of financial management. Includes goals and functions of financial management, financial forecasting, leverage, working capital management, time value of money, stock and bond valuation, cost of capital, capital budgeting, and concept of risk. (45-0)

**ACC 285** **Professional Accounting Careers** **2 Sem Hrs**

Prerequisite: ACC 214, and ACC 227 or ACC 228 all with a minimum C grade or permission of instructor. Recommended to be taken in the last semester of a student's accounting program. Includes development of a career portfolio to illustrate professionalism and accounting skills. Uses technology to research and analyze topics including accounting careers, certifications, and job search preparation, as well as issues related to current accounting topics. (30-0)

**ACC 290-299 Special Projects in Accounting** **Sem Hr****Academic Career Experience****ACE 105W** **Year I Experience I - Business & Human Services** **3 Sem Hrs**

Prerequisites: (1) Majoring in business, computer & information sciences, administrative support, social & human services, public safety services, media production, or similar program of study, (2) Employed in a major-related position, and (3) Completed the program application process in the Office of Academic Career Experience (Cooperative Education) and Experiential Learning. Introduces course planning and goal setting. Provides opportunities for team building. Introduces electronic portfolio to manage academic and career information. Emphasizes the necessity of maintaining this living collection of credentials. Evaluates the student in a program-related, supervised worksite. For successful completion, a grade of at least a B must be earned in both this course and its associated work experience. A final grade of F will be assigned in both course and work experience if either is not successfully completed. (15-180)

**ACE 106W** **Year I Experience II - Business & Human Services** **3 Sem Hrs**

Prerequisites: (1) ACE 105 with a grade of B or better, (2) Majoring in business, computer & information sciences, administrative support, social & human services, public safety services, media production or similar program of study, and (3) Employed in major-related position. Continues from Year I Experience I with additional responsibilities at the worksite. Explores work cultures and diversity. Includes development of professional written employment application materials. Continues development of electronic portfolio. Practices and develops soft skills necessary in the workplace. The employer/site supervisor and the college coordinator make evaluations. For successful completion, a grade of at least a B must be earned in both this course and its associated work experience. A final grade of F will be assigned in both course and work experience if either is not successfully completed. (15-180)

**ACE 110W** **Year I Experience I - Communications & Sciences** **3 Sem Hrs**

Prerequisites: (1) Majoring in communications, social sciences, science, or similar program of study, (2) Employed in a major-related position, and (3) Completed the program application process in the Office of Academic Career Experience (Cooperative Education) and Experiential Learning. Introduces course planning and goal setting. Provides opportunities for team building. Introduces electronic portfolio to manage academic and career information. Emphasizes the necessity of maintaining this living collection of credentials. Evaluates the student in a program-related, supervised worksite. For successful completion, a grade of at least a B must be earned in both this course and its associated work experience. A final grade of F will be assigned in both course and work experience if either is not successfully completed. (15-180)

**ACE 111W Year I Experience II - Communications & Sciences 3 Sem Hrs**

Prerequisites: (1) ACE 110 with a grade of B or better, (2) Majoring in communications, social sciences, science, or similar program of study, and (3) Employed in major-related position. Continues from Year I Experience I with additional responsibilities at the worksite. Explores work cultures and diversity. Includes development of professional written employment application materials. Continues development of electronic portfolio. Practices and develops soft skills necessary in the workplace. The employer/site supervisor and the college coordinator make evaluations. For successful completion, a grade of at least a B must be earned in both this course and its associated work experience. A final grade of F will be assigned in both course and work experience if either is not successfully completed. (15-180)

**ACE 115W Year I Experience I - Health Science 3 Sem Hrs**

Prerequisites: (1) Majoring in nursing, dental/diagnostic/therapeutic technologies, or similar program of study, (2) Employed in a major-related position, and (3) Completed the program application process in the Office of Academic Career Experience (Cooperative Education) and Experiential Learning. Introduces course planning and goal setting. Provides opportunities for team building. Introduces electronic portfolio to manage academic and career information. Emphasizes the necessity of maintaining this living collection of credentials. Evaluates the student in a program-related, supervised worksite. For successful completion, a grade of at least a B must be earned in both this course and its associated work experience. A final grade of F will be assigned in both course and work experience if either is not successfully completed. (15-180)

**ACE 116W Year I Experience II - Health Science 3 Sem Hrs**

Prerequisites: (1) ACE 115 with a grade of B or better, (2) Majoring in nursing, dental/diagnostic/therapeutic technologies, or similar program of study, and (3) Employed in major-related position. Continues from Year I Experience I with additional responsibilities at the worksite. Explores work cultures and diversity. Includes development of professional written employment application materials. Continues development of electronic portfolio. Practices and develops soft skills necessary in the workplace. The employer/site supervisor and the college coordinator make evaluations. For successful completion, a grade of at least a B must be earned in both this course and its associated work experience. A final grade of F will be assigned in both course and work experience if either is not successfully completed. (15-180)

**ACE 120W Year I Experience I - Technical & Industrial 3 Sem Hrs**

Prerequisites: (1) Majoring in design technologies, mechanical trades/services, construction/electric trades, or similar program of study, (2) Employed in a major-related position, and (3) Completed the program application process in the Office of Academic Career Experience (Cooperative Education) and Experiential Learning. Introduces course planning and goal setting. Provides opportunities for team building. Introduces electronic portfolio to manage academic and career information. Emphasizes the necessity of maintaining this living collection of credentials. Evaluates the student in a program-related, supervised worksite. For successful completion, a grade of at least a B must be earned in both this course and its associated work experience. A final grade of F will be assigned in both course and work experience if either is not successfully completed. (15-180)

**ACE 121W Year I Experience II - Technical & Industrial 3 Sem Hrs**

Prerequisites: (1) ACE 120 with a grade of B or better, (2) Majoring in design technologies, mechanical trades/services, construction/electric trades, or similar program of study, and (3) Employed in major-related position. Continues from Year I Experience I with additional responsibilities at the worksite. Explores work cultures and diversity. Includes development of professional written employment application materials. Continues development of electronic portfolio. Practices and develops soft skills necessary in the workplace. The employer/site supervisor and the college coordinator make evaluations. For successful completion, a grade of at least a B must be earned in both this course and its associated work experience. A final grade of F will be assigned in both course and work experience if either is not successfully completed. (15-180)

**ACE 205W Year II Experience I - Business & Human Services 2 Sem Hrs**

Prerequisites: (1) ACE 106 with a grade of B or better, (2) Majoring in business, computer & information sciences, administrative support, social & human services, media production or similar program of study, and (3) Employed in a major-related position. Continues from Year I Experience II with additional responsibilities at the worksite. Provides further opportunity to produce and exchange professional communications and demonstrate continuous improvement in professional skill sets. Continues development of electronic portfolio. The employer/site supervisor and the college coordinator make evaluations. For successful completion, a grade of at least a B must be earned in both this course and its associated work experience. A final grade of F will be assigned in both course and work experience if either is not successfully completed. (7.5 - 180)

**ACE 206W Year II Experience II - Business & Human Services 2 Sem Hrs**

Prerequisites: (1) ACE 205 with a grade of B or better, (2) Majoring in business, computer & information sciences, administrative support, social & human services, public safety services, media production or similar program of study, and (3) Employed in a major-related position. Continues from Year II Experience I with additional responsibilities at the worksite. Provides further opportunity to practice and exchange professional communications and demonstrate continuous improvement in professional skill sets. Continues development of electronic portfolio. The employer/site supervisor and the college coordinator make evaluations. For successful completion, a grade of at least a B must be earned in both this course and its associated work experience. A final grade of F will be assigned in both course and work experience if either is not successfully completed. (7.5 - 180)

**ACE 210W Year II Experience I - Communications & Sciences 2 Sem Hrs**

Prerequisites: (1) ACE 111 with a grade of B or better, (2) Majoring in communications, social sciences, science, or similar program of study, and (3) Employed in a major-related position. Continues from Year I Experience II with additional responsibilities at the worksite. Provides further opportunity to produce and exchange professional communications and demonstrate continuous improvement in professional skill sets. Continues development of electronic portfolio. The employer/site supervisor and the college coordinator make evaluations. For successful completion, a grade of at least a B must be earned in both this course and its associated work experience. A final grade of F will be assigned in both course and work experience if either is not successfully completed. (7.5 - 180)

**ACE 211W Year II Experience II - Communications & Sciences 2 Sem Hrs**

Prerequisites: (1) ACE 210 with a grade of B or better, (2) Majoring in communications, social sciences, science, or similar program of study, and (3) Employed in a major-related position. Continues from Year II Experience I with additional responsibilities at the worksite. Provides further opportunity to practice and exchange professional communications and demonstrate continuous improvement in professional skill sets. Continues development of electronic portfolio. The employer/site supervisor and the college coordinator make evaluations. For successful completion, a grade of at least a B must be earned in both this course and its associated work experience. A final grade of F will be assigned in both course and work experience if either is not successfully completed. (7.5 - 180)

**ACE 215W Year II Experience I - Health Science 2 Sem Hrs**

Prerequisites: (1) ACE 116 with a grade of B or better, (2) Majoring in nursing, dental/diagnostic/therapeutic technologies or similar program of study, and (3) Employed in a major-related position. Continues from Year I Experience II with additional responsibilities at the worksite. Provides further opportunity to produce and exchange professional communications and demonstrate continuous improvement in professional skill sets. Continues development of electronic portfolio. The employer/site supervisor and the college coordinator make evaluations. For successful completion, a grade of at least a B must be earned in both this course and its associated work experience. A final grade of F will be assigned in both course and work experience if either is not successfully completed. (7.5 - 180)

**ACE 216W Year II Experience II - Health Sciences 2 Sem Hrs**

Prerequisites: (1) ACE 215 with a grade of B or better, (2) Majoring in nursing, dental/diagnostic/therapeutic technologies or similar program of study, and (3) Employed in a major-related position. Continues from Year II Experience I with additional responsibilities at the worksite. Provides further opportunity to practice and exchange professional communications and demonstrate continuous improvement in professional skill sets. Continues development of electronic portfolio. The employer/site supervisor and the college coordinator make evaluations. For successful completion, a grade of at least a B must be earned in both this course and its associated work experience. A final grade of F will be assigned in both course and work experience if either is not successfully completed. (7.5 - 180)

**ACE 220W Year II Experience I - Technical & Industrial 2 Sem Hrs**

Prerequisites: (1) ACE 121 with a grade of B or better, (2) Majoring in design technologies, mechanical trades/services, construction/electric trades, or similar program of study, and (3) Employed in a major-related position. Continues from Year I Experience II with additional responsibilities at the worksite. Provides further opportunity to produce and exchange professional communications and demonstrate continuous improvement in professional skill sets. Continues development of electronic portfolio. The employer/site supervisor and the college coordinator make evaluations. For successful completion, a grade of at least a B must be earned in both this course and its associated work experience. A final grade of F will be assigned in both course and work experience if either is not successfully completed. (7.5 - 180)

**ACE 221W Year II Experience II - Technical & Industrial 2 Sem Hrs**

Prerequisites: (1) ACE 220 with a grade of B or better, (2) Majoring in design technologies, mechanical trades/services, construction/electric trades, or similar program of study, and (3) Employed in a major-related position. Continues from Year II Experience I with additional responsibilities at the worksite. Provides further opportunity to practice and exchange professional communications and demonstrate continuous improvement in professional skill sets. Continues development of electronic portfolio. The employer/site supervisor and the college coordinator make evaluations. For successful completion, a grade of at least a B must be earned in both this course and its associated work experience. A final grade of F will be assigned in both course and work experience if either is not successfully completed. (7.5 - 180)

**ACE 280W Internship: Technology Management 1 Sem Hr**

Prerequisites: (1) Majoring in construction management, industrial supervision, manufacturing industrial technology, or lean manufacturing, (2) employed in a major-related placement, and (3) completed the program application process in the Office of Academic Career Experience (Cooperative Education) and Experiential Learning. Integrates, reinforces, and documents the student's academic studies with related career experience of at least 180 hours at an approved worksite. Evaluations are made by the employer/site supervisor and the college coordinator. (0-180)

**ACE 285W Internship: Design Technology 1 Sem Hr**

Prerequisites: (1) Majoring in architectural technology, CAD, residential construction, RHA, CNC technology, mechanical engineering technology, machine tool, manufacturing/welding engineering technology or similar program of study, (2) employed in a major-related placement, and (3) completed the program application process in the Office of Academic Career Experience (Cooperative Education) and Experiential Learning. Integrates, reinforces, and documents the student's academic studies with related career experience of at least 180 hours at an approved worksite. Evaluations are made by the employer/site supervisor and the college coordinator. (0 - 180)

**ACE 290-299 Special Projects in Academic Career Experience N/A Sem Hrs**

**Aviation Flight Technology**

**AFT 101 Private Pilot Ground Training 4 Sem Hrs**

Provides the basic principles of the aeronautical knowledge necessary to meet the requirements for a Private Pilot - Airplane Knowledge Exam. Includes principles of aerodynamics, airplane performance, airplane instruments, engines, and systems, airports and Air Traffic Control, weight and balance calculations, weather, Federal Aviation Regulations, aeronautical navigation charts and navigation, and principles of flight physiology. (60-0)

**AFT 105 Primary Pilot Flight Training I 2 Sem Hrs**

Prerequisite: Completion of or concurrent enrollment in AFT 101 and coordinator permission. Provides knowledge, skills, and aeronautical experience necessary to meet the requirements for solo flight. Includes flight training for the following procedures and maneuvers: proper flight preparations procedures, taxiing or surface operations, takeoffs and landings, straight-and-level flight and turns, climbs and climbing turns, airport traffic patterns, collision avoidance, windshear avoidance, and wake turbulence avoidance, descents, flight at various airspeeds, stall entries from various flight attitudes and power combinations, emergency procedures, ground reference maneuvers, approaches to a landing area with simulated engine malfunctions, slips to a landing, and go-arounds. A written exam must be completed and reviewed by the instructor before authorization to conduct a solo flight can be given. Special fees for flight instruction and aircraft rental must be paid by students. (20-50)

**AFT 106 Primary Pilot Flight Training II 3 Sem Hrs**

Prerequisite: AFT 105 with a "C" (2.0) minimum grade and coordinator permission. Provides knowledge, skills, and aeronautical experience necessary to meet the requirements for the FAA Practical Test Standards-Private Pilot Airplane Single-engine land. Includes pilotage and dead reckoning, navigation systems and radar services, diversions, and lost procedures, and cross-country flights, night preparation, night takeoffs and landings, and night cross-country flight and high performance takeoffs and landings. (20-25)

**AFT 201W Instrument Pilot Ground Training 4 Sem Hrs**

Prerequisite: AFT 101 or equivalent and coordinator permission. Prepares students for Federal Aviation Administration Instrument-Rating-Airplane knowledge test leading to the addition of an instrument rating to a Private or Commercial Pilot Airman Certificate. Emphasizes airplane instruments, air traffic control, Federal Aviation Regulations, instrument flight operations, en route and approach charts, and IFR trip planning and navigation, aviation weather, and flight physiology. (60-0)

**AFT 202 Aviation Meteorology 2 Sem Hrs**

Focuses on fundamental weather processes impacting aviation. Includes sources for weather data important for flight planning including text observations and forecasts, graphical charts and analyses, and radar. Emphasizes weather-related hazards to aviation including thunderstorms. (30-0)

**AFT 210 Commercial Pilot Ground Training 4 Sem Hrs**

Prerequisite: AFT 101 with a "C" (2.0) grade minimum or equivalent and coordinator permission. Prepares students for Federal Aviation Administration Commercial Pilot knowledge test required for a Commercial Pilot Airman Certificate. Includes airplanes and aerodynamics, airplane performance, aircraft instruments, engines and systems, airports, airspace and Air Traffic Control, weight and balance computations, meteorology, Federal Aviation Regulations, navigation, flight physiology, and commercial flight operations. (60-0)

**AFT 215 Advanced Pilot Flight Training I 2 Sem Hrs**

Prerequisite: AFT 106 with a "C" (2.0) minimum grade, previous or concurrent enrollment in AFT 201 and coordinator permission. Provides student with a foundation in attitude instrument flight and instrument navigation. Prepares student for introduction of Instrument Flight Rules (IFR) enroute procedures by performing simulated instrument approaches and holding patterns. Special fees for flight instruction and aircraft rental must be paid by students. (30-26)

**AFT 216 Advanced Pilot Flight Training II 3 Sem Hrs**

Prerequisite: AFT 215 with a "C" (2.0) minimum grade and coordinator permission. Provides instruction in Instrument Flight Rules (IFR) enroute procedures with Air Traffic Control to attain proficiency level of Instrument Rated Pilot. Provides knowledge, skills, and aeronautical experience necessary to meet the requirements for the FAA Practical Test Standards - Instrument Pilot Airplane. Special fees for flight instruction and aircraft rental must be paid by students. (25-20)

**AFT 217 Advanced Pilot Flight Training III 2 Sem Hrs**

Prerequisite: AFT 106 with a "C" (2.0) minimum grade and coordinator permission. Includes extensive review and practice in Visual Flight Rules (VFR) cross-country procedures and maximum performance maneuvers. Special fees for flight instruction and aircraft rental must be paid by students. (35-34)

**AFT 218 Advanced Pilot Flight Training IV 3 Sem Hrs**

Prerequisite: AFT 217 with a "C" (2.0) minimum grade and coordinator permission. Develops night orientation, night cross-country procedures, complex airplane operations and precision flight maneuvers to Commercial Pilot standards. Provides knowledge, skills, and aeronautical experience necessary to meet the requirements for the FAA Practical Test Standards - Commercial Pilot Airplane. Special fees for flight instruction and aircraft rental must be paid by students. (25-25)

**AFT 290-299 Special Projects in Aviation Sem Hrs****Auto Serv Educ Asep****AGM 110 Automotive Electronics Service 4 Sem Hrs**

Introduces the operation, maintenance, and service of battery, charging, starting systems and GM electrical and electronic systems. Credit may be earned in AGM 110 or ACD 110 or SKGM 110 or AGM 131 but not in more than one. (40-40)

**AGM 112W Engine Service 6 Sem Hrs**

Introduces the operation, maintenance, and service of GM engines for mechanical performance. Stresses proper repair techniques and diagnosis of engine noises. Credit may be earned in AGM 112 or ACD 112 or SKGM 112 or AGM 141 but not in more than one. (45-75)

**AGM 114 Brakes, ABS, TCS Service 5 Sem Hrs**

Introduces the operation, maintenance, and service of GM base brakes, anti-lock and traction control. Presents general auto lab equipment operation and stresses safety. Credit may be earned in AGM 114 or ACD 114 or SKGM 114 or AGM 132 but not in more than one. (40-60)

**AGM 134 Dealership Work Experience I 2 Sem Hrs**

Provides work experience in the operation, maintenance, and service of GM base brakes, engine mechanical and electrical systems particularly battery, charging and starting systems. Stresses general auto lab equipment operation and safety. Credit may be earned in AGM 134 or ACD 134 but not in both. (6-600)

**AGM 142 Electronic Engine and Emission Controls Service 9 Sem Hrs**

Prerequisite: AGM 112. Introduces the operation, maintenance, and service of GM engines for drivability performance. Stresses proper repair techniques and diagnosis of engine drivability problems. Credit may be earned in AGM 142 or SKGM 142 or ACD 142 but not in more than one. (81-144)

**AGM 143 Dealership Work Experience II 2 Sem Hrs**

Prerequisite: AGM 134. Provides work experience in the operation, maintenance, and service of GM steering/suspension and drivability performance. Stresses basic spark, fuel, and emission control systems. (6-600)

**AGM 210 Body Electronics Service 3 Sem Hrs**

Prerequisite: AGM 110. Stresses the operation, diagnosis, and service of GM body electrical and electronics systems. Credit may be earned in AGM 210 or SKGM 210 or ACD 210 or AGM 241, but not in more than one. (30-30)

**AGM 212W Suspension System Service 7 Sem Hrs**

Introduces the operation, maintenance, and service of GM steering and suspension systems. Credit may be earned in AGM 212 or SKGM 212 or ACD 212 or AGM 133 but not in more than one. (56-84)

**AGM 214 Heating/Air Conditioning 5 Sem Hrs**

Prerequisite: AGM 143. Introduces the operation, maintenance, and service of GM Heating, Ventilation, and Air Conditioning systems and their controls. Credit may be earned in AGM 214 or SKGM 214 or ACD 214 or AGM 233, but not in more than one. (50-50)

**AGM 216 Driveline Service 6 Sem Hrs**

Prerequisite: AGM 143. Studies GM passenger car and light truck clutch, manual transmission, driveshaft, differential, transaxle, front driving axle, and transfer case terminology, operation, and diagnosis. Develops skills in diagnosis, adjustment, and repair of clutches, manual transmissions, driveshafts, differentials, transaxles, front driving axles, and transfer cases. Credit may be earned in AGM 216 or SKGM 216 or ACD 216 or AGM 231 but not in more than one. (60-60)

**AGM 218W Automatic Electronic Transmission Service 8 Sem Hrs**

Prerequisite: AGM 143. Introduces the operation, maintenance, and service of GM electronically controlled transmissions. Credit may be earned in AGM 218W or SKGM 218W or ACD 218W or AGM 232, but not in more than one. (80-100)

**AGM 226 Advance Engine Electronics & Fuel System Service (GM) 7 Sem Hrs**

Prerequisites: Minimum "C" (2.0) grade in AGM 112. Studies electronic inputs to the computerized engine controls; units of instruction necessary to develop a thorough understanding of induction systems and injection systems. Develops skills through controlled learning experiences with sensors, fuel delivery, and fuel injection systems. (60-90)

**AGM 228W Electronic Engine Performance & Emission Control 7 Sem Hrs**

Prerequisite: Minimum "C" (2.0) grade in AGM 112. Studies units of instruction necessary for a thorough understanding of ignition systems, emission control systems, and driveability diagnosis. Develops skills through controlled learning experiences with ignition systems, emission control systems, and driveability diagnosis. (60-90)

**AGM 234 Dealership Work Experience III 2 Sem Hrs**

Prerequisite: AGM 143. Provides work experience in the operation, maintenance, and service of GM manual and automatic heating, ventilation and air conditioning systems, automatic transmissions, and drivelines. Stresses proper handling of refrigerant and safety. (6-600)

**AGM 238 GM Information Systems 2 Sem Hrs**

Develops skills to use the current operating system on a computer. Introduces essential elements of computerized automotive technical support systems. Credit may be earned in CST 238 or AGM 238, but not both. (30-0)

**AGM 290-299 Special Projects in Auto Service Education**

## Architecture Technology

**ARC 101 Materials and Methods of Construction 3 Sem Hrs**

Introduces basic construction materials; properties, recommended use, space requirements, methods of finishing, building code implications, and energy conservation applications. (45-0)

**ARC 105 Architectural Drafting I 4 Sem Hrs**

Teaches fundamentals of architectural drafting including linework emphasis, lettering design, symbol applications, multiview projections relative to architectural drawings, one point perspective, two point perspective, graphic design elements, and presentation of floor plans, sections and elevations. Studies space requirements and method or representing basic residential elements. Includes demonstrations and instruction in basic procedures of CAD. (45-45)

**ARC 106 Architectural Drafting II 4 Sem Hrs**

Prerequisite: ARC 105 or permission of instructor. Introduction to construction drawing organization. Development of coordinated drawings for one small building with emphasis on application of notes, dimensions, and development of graphic skills. Includes a study of CAD techniques and the use of the computer for drawing production, storage and retrieval, development of selected architectural details relating to foundation, floor, wall, and roof assemblies, with emphasis on energy conservation. (45-45)

**ARC 111 Mechanical and Electrical Systems for Buildings 3 Sem Hrs**

Fundamentals and operating principles of air conditioning, plumbing, and electrical systems; including typical layout, calculations, sizing, and methods of installation. Credit may be earned in ARC 111 or RC 206 but not in both. (45-0)

**ARC 114 Architectural AutoCAD 2D Basics 2 Sem Hrs**

Prerequisites: Previous drafting experience or coursework with instructor permission; ARC 105 prior to or concurrently. Introduces 2D AutoCAD drawing, including: Basic drawing and editing commands applied to new and existing architectural drawings, basic drawing prototype setup, DOS and windows operation procedures, saving drawings to hard disks and floppy disks, printing drawings to laser printers and pen plotters, completion of floor plan, section, and elevation drawings. Introduces add on architectural software for generating automatic architectural elements for inclusion into architectural drawings. Credit may be earned in ARC 114 or CAD 114 but not in both. (30-0)

**ARC 118 AutoCAD Applications 3 Sem Hrs**

Prerequisite: ARC 114. Uses and expands on commands learned in ARC 114, AutoCAD Basics. Accomplishes this through the development of various additional working drawings such as elevations, sections and details. (45-0)

**ARC 204 Estimating Building Construction 3 Sem Hrs**

Prerequisite: MATH LEVEL 4, ARC 101 and RC 101. Introduces methods and procedures commonly used in determining the costs of construction materials. (45-0)

**ARC 205 Architectural Drafting III 3 Sem Hrs**

Prerequisite: ARC 106. Develops construction documents for a non-residential building. Introduces concrete, masonry, and steel construction with their various detailing requirements, symbolisms, and characteristics utilized in installation of mechanical and electrical systems. Includes a study of computer-aided design examples. (15-90)

**ARC 206 Architectural Drafting IV 3 Sem Hrs**

Prerequisite: ARC 205. Develops sketches into preliminary and construction drawings. Uses CAD for design and drafting examples and production. Continues the design and drafting of concrete, masonry, and steel construction. Integrates structural, mechanical, electrical, and solar strategies into commercial buildings. (15-90)

**ARC 211 Elements of Structural Design 2 Sem Hrs**

Prerequisite: MATH LEVEL 4. Bridges the gap of understanding between engineering and building contractors. Identifies the weights of construction materials. Analyzes loads, stresses, and deflections of beams, floor joists, roof trusses and columns. Provides basic design experience in wood, steel, and concrete. (30-0)

**ARC 214 Architectural AutoCAD 3D Basics 3 Sem Hrs**

Prerequisites: ARC 114, CAD 114, or a working knowledge of AutoCAD and permission of the instructor. Introduces 3D AutoCAD drawing, including: Conversion of 2D drawings to 3D, user coordinate system (UCS) manipulation, line extrusion, 3D faces, dynamic viewing, paper space viewing and printing, shading, hiding, simplified methods of architectural presentation. Continues study of 2D techniques with application to 3D objects. Introduces add on software for generating automatic architectural elements (currently KETIV brand software is used) including: doors, windows, stairs, roofs, cross sections, and predrawn architectural icons (cars, plants, people, furniture, etc.) (45-0)

**ARC 221 Site Preparation 3 Sem Hrs**

Prerequisite: MATH LEVEL 4. Studies fundamentals of site analysis, including utility services, metes and bounds, solar access and restrictions. Teaches elements of surveying including use of instruments, leveling, measurement of angles and distances, contours, location of site elements and development of a site plan from field data. Interprets engineering surveys, introduces landscape design, and studies computer aided design examples. Credit may be earned in ARC 221 or SKCT 105 but not in both. (45-0)

**ARC 290-299 Special Projects in Architectural Technology**

**ARC 314 Architectural Rendering Basics 3 Sem Hrs**  
Prerequisite: ARC 214 or working knowledge of AutoCAD and permission of the instructor. Introduces 3D studio VIZ rendering mechanisms/ AutoCAD rendering mechanisms. Operates camera angles, creates light sources, digital materials and applies existing digital materials to 3D model from ARC 214. Introduces rendering techniques in both 3D studio VIZ and AutoCAD. Renders bitmap image for final class project. Continues, from ARC 214, to next logical sequential rendering level. (45-0)

**Art**

**ART 100 Elements of Color Photography 3 Sem Hrs**  
Introduces technical operations of 35mm cameras in the color medium. Improves quality and design of photographs and develops aesthetic awareness and visual literacy. Credit may be earned in ART 100 or PHO 100 but not in both. (45-0)

**ART 101 Photography I 3 Sem Hrs**  
Applies basic aesthetic problems of photography including: a historical and critical context for looking at and making photographs; concurrent darkroom practice which includes black and white film; print development and camera operations. Additional lab hours to be arranged. Credit may be earned in PHO 101 or ART 101 but not in both. (0-90)

**ART 102 Photography II 3 Sem Hrs**  
Prerequisites: PHO 101 or ART 101 or permission of instructor. Provides additional foundations of black and white photography to improve technical skills. Continues to build visual literacy, aesthetic awareness, and personal style. Includes working with specialty films and alternative photographic processes. Credit may be earned in PHO 102 or ART 102 but not in both. (0-90)

**ART 105 Art Experience 3 Sem Hrs**  
Designed for students not majoring in Art to provide an enriching experience to two- and three-dimensional media: to include drawing, painting, graphic media, clay and other sculptural media. It is designed primarily for the general degree student who wishes to have some art experience. There will also be an emphasis on art appreciation. (15-45)

**ART 111 Drawing I 3 Sem Hrs**  
Introduces techniques in various drawing media and concepts in visual art with emphasis in drawing from observation. (0-90)

**ART 112 Drawing II 3 Sem Hrs**  
Prerequisite: ART 111. Continues the exploration of formal aspects of visual art with emphasis placed on articulating a personal response to various drawing problems. Practices drawing techniques and processes at the intermediate level using a variety of drawing media. (0-90)

**ART 113 Art Education 3 Sem Hrs**  
Introduction to art for prospective teachers. Develops the ability to stimulate the creative interests of children in art. Acquaints the student with a variety of methods and materials adjusted to various grade levels. (0-90)

**ART 115 Design I 3 Sem Hrs**  
Experiments with the basic elements of design: line, form, space, value, textures, and color. Utilizes a variety of media in developing a visual vocabulary and understanding of art elements and composition. (0-90)

**ART 116 Design II 3 Sem Hrs**  
Explores a series of problems designed to explore the elements of design in spatial compositions using a variety of basic materials. (0-90)

**ART 151HW Art History and Appreciation I - Honors 3 Sem Hrs**  
Prerequisites: READING LEVEL 4 and WRITING LEVEL 2 and permission of the Honors Office. Required of all first-year art majors. Surveys Western art from Prehistoric times to the Renaissance. Deals with major works and artists of the Prehistoric, Ancient, Classical and Medieval cultures. Emphasizes the architecture and sculpture of these periods. Provides opportunities to engage in independent intellectual inquiry to foster deeper learning. Credit may be earned in ART 151 or ART 151HW but not in both (45-0).

**ART 151W Art History and Appreciation I 3 Sem Hrs**  
Prerequisites: READING LEVEL 2 or WRITING LEVEL 2. Required of all first-year art majors. Surveys Western art from Prehistoric times to the Renaissance. Deals with major works and artists of the Prehistoric, Ancient, Classical and Medieval cultures. Emphasizes the architecture and sculpture of these periods. Credit may be earned in ART 151 or ART 151H but not in both. (45-0)

**ART 152W Art History and Appreciation II 3 Sem Hrs**  
Prerequisites: READING LEVEL 2 or WRITING LEVEL 2. Required of all first-year art majors. Surveys the history of Western art from the Renaissance through Baroque, neo-classicism, Romanticism, Impressionism, Expressionism and various modern schools. Emphasizes the painting of those periods. (45-0)

**ART 171 Digital Media for the Web 2 Sem Hrs**  
Prerequisites: CST 103 or an understanding of file management and CST 106 or ability to search the internet for specific information. Explores the different types of graphic images and sounds that can be incorporated into a web page. Uses hands-on experiences with a number of different software packages to create and modify images and sounds. (30-0)

**ART 206 Digital Photography 3 Sem Hrs**  
Prerequisite: ART 100 or ART 101 or PHO 100 or PHO 101. Introduces basic techniques of digital photography, with emphasis on the creative use of media in fine and applied art. Utilizes slide presentations, videos, CD Roms, and the Internet as resources. Credit may be earned in PHO 206 or ART 206 but not both.. (0-90)

**ART 210 Figure Drawing 3 Sem Hrs**  
Prerequisite: ART 111. Introduces drawing of the human figure in pictorial space. Emphasizes in-depth awareness of the body's underlying geometry and anatomical structure working with live model. (0-90)

**ART 217 Painting I 3 Sem Hrs**  
Prerequisites: ART 111, ART 115. Introduces fundamental painting concepts and techniques. Surveys various processes from traditional to contemporary with an emphasis placed on articulating a personal response to various painting problems. (0-90)

**ART 218 Painting II 3 Sem Hrs**  
Prerequisite: ART 217. Continues exploration and practices of painting processes and techniques. Develops and executes creative resolutions to various conceptual problems with guidance from instructor. (0-90)

**ART 219 Watercolor 3 Sem Hrs**  
Prerequisites: Art 111, Art 115. Introduces fundamental watercolor painting concepts, techniques and materials. Surveys various processes from traditional to contemporary with an emphasis placed on articulating a personal response to various painting problems (0-90)

**ART 222 Sculpture 3 Sem Hrs**  
Prerequisite: ART 115 or 116 or permission of instructor. An introduction to a variety of sculptural concepts and techniques utilizing a variety of media. (0-90)

**ART 223 Metal Sculpture 3 Sem Hrs**  
Co-requisites: WELD 101 and WELD 108. Introduces the use of a variety of metal processes to create sculptural art forms. These processes include oxy-acetylene brazing and welding, mig welding, cutting and fabrication techniques. (0-90)

**ART 231 Ceramics I 3 Sem Hrs**  
Introductory study of clay, glazes, and their applications, and techniques of wheel and hand construction through the process of low temperature Raku firing. Course fee required. (0-90)

**ART 232 Ceramics II 3 Sem Hrs**  
Prerequisite: ART 231 or permission of instructor. Ceramics II uses high-fire stoneware clay bodies and introduces firing techniques with high fire glazes. The techniques learned in Ceramics I are employed and are expanded to create a variety of well developed utilitarian and sculptural forms. Course fee required. (0-90)

**ART 251W Architectural History 3 Sem Hrs**  
Prerequisite: READING LEVEL 3 and WRITING LEVEL 3. Teaches the historical development of architecture as a major art form. Views this development in relation to man's knowledge of building techniques and available materials as affected by geographic, economic, political, and religious influences. Credit may be earned in ART 251 or ARC 251, but not in both. (45-0)

**ART 253W History of Graphic Design 3 Sem Hrs**  
Surveys the evolution of graphic design in Western culture from prehistory to the postmodern era. Discusses ideas, theories and practices in art and design, as well as the quality, breadth and comprehension of resourcefulness, content and the applicable origins of graphic design. (45-0)

**ART 255W Contemporary Art History 3 Sem Hrs**  
Prerequisite: READING LEVEL 2 or WRITING LEVEL 2 or ART 152. Explores contemporary visual arts, with an emphasis on art created since 1945. (45-0)

**ART 261 Contemporary Art in Chicago 2 Sem Hrs**  
Surveys contemporary art forms, processes, and ideas of the international art market in a 3-day visit to Chicago which will include the International Art Fair, the Chicago Art Institute and the Contemporary Museum of Art. Students pay tuition plus all of their expenses. (30-0)

**ART 262 Art Internship I 1 Sem Hr**  
Prerequisites: Second year art student with minimum of a 3.0 GPA and instructor approval. Provides advanced hands-on experience through internship with approved off-site gallery photo or design studio, company or organization. Requires at least 6 hours per week under direct supervision of onsite internship coordinator. (0-90)

**ART 267 Producing a Student Publication 3 Sem Hrs**  
Prerequisites: ART 271, ART 276, ART 277. Provides a guided opportunity to learn about publishing by compiling, selecting, editing, and designing an annual publication of student writing, photography, and artwork. Focuses on hands-on experience in critical reading, writing, and thinking; editing; layout; production details; marketing; design; and distribution. Credit may be earned in ART 216 or ART 267, but not both. Credit may also be earned in IHU 267, but not in the same semester. (45-45)

**ART 271 Digital Imaging I 3 Sem Hrs**  
Presents technical aspects/skills of Adobe/Macintosh software (primarily Photoshop and Imageready), with an arts emphasis toward developing aesthetic awareness. Explores image and photo manipulation, combining word and image, scanning, and acquired input. Introduces storage and output methods. (30-60)

**ART 274 Digital Painting 3 Sem Hrs**  
Prerequisites: ART 111 and ART 115. Draws and paints using the electronic canvas to create new images by scanning previous art works, textures, and photographs. Emphasizes the techniques of using the software program, and stresses the elements of art and design. (30-60)

**ART 276 Electronic Page Design 3 Sem Hrs**  
Prerequisites: ART 271. Introduces students to the capabilities and applications of page- layout design software (such as QuarkXPress). Builds on a knowledge of Basic Two-Dimensional Design, and the use of Photoshop and Illustrator to strengthen design and layout skills. Addresses file management techniques and output-ready file formats for high-end printers at commercial service bureaus and printing companies. (30-60)

**ART 277 Illustration - Digital Media 3 Sem Hrs**  
Presents the use of Illustrator software including design and technical aspects, and the relationship to other graphic applications in the printing industry. (30-60)

**ART 279 Web Page Design Arts 3 Sem Hrs**  
Prerequisite: ART 271. Understand fundamental web and internet concepts and how to adapt and extend basic design principles to web design using the Adobe Dreamweaver software application. (30-60)

**ART 280 Printmaking I, Past & Present 3 Sem Hrs**  
Prerequisites: ART 111 and ART 115. (Highly Recommended: ART 271 or ART 206 and ART 217). Introduces a new "digital era" approach to fine-art printmaking; negotiating between the studio, computer, printer, and press. Combines and incorporates safe, non-toxic print and transfer methods and materials (both traditional and contemporary) with new digital directions and technologies found in today's printmaking curriculum and professional art industry. (0-90)

**ART 283 Multimedia Authoring 3 Sem Hrs**  
Prerequisite: ART 271 and ART 277. Presents the practice and production of digital multimedia technology and movie-making (primarily) through the use of Macromedia Director software. Concentrates on the combined and individual creation of interactive movies, sound, animation, game design, marketing presentations, simulations, kiosks and full-scale multimedia productions. (30-60)

**ART 284 Typography 3 Sem Hrs**  
Prerequisites: ART 271 and ART 276 and ART 277. Introduces typographic principles, guidelines and related terminology. Examines type, its classification, measurement systems and methods of specification. Explores various typographic applications including use of grid systems and the development of visual hierarchy of information. (45-45)

**ART 285 Digital Animation and Interactive Design 3 Sem Hrs**  
Prerequisite: ART 271 and ART 277. Introduces (primarily) Macromedia's Flash software authoring environment. Explores various ways to create interactive animation for the web or as stand alone CDs. Examines the additional use of sound, related software and web multimedia motion graphics. (30-60)

**ART 286 Digital Animation and Interactive Design II 3 Sem Hrs**  
Prerequisites: ART 285. Emphasizes cooperative learning, problem solving and the exploration of current design trends in technology. Applies contemporary concepts, utilizing computer literacy, (information literacy), and accessing information to create original web sites and digital 3D interactivity. Provides the ability to produce and develop game design, animations for the web, interactive video presentations, and/or explore a creative endeavor targeted for a specific audience, or fine art purpose. (30-60)

**ART 287 Printmaking II, Past and Present 3 Sem Hrs**  
Prerequisites: ART 280 (or equivalent). Highly Recommended: ART 271 or ART 206, ART 116 or ART 217. Expands upon a "digital era" approach to fine-art printmaking; negotiating between the studio, computer, printer and press. Combines and incorporates safe, non-toxic print and transfer methods and materials (both traditional and contemporary) with new digital directions and technologies found in today's printmaking curriculum and professional art industry. Develops further their printmaking portfolios in a variety of approaches taught, or select a chosen concentration in printmaking to further investigate or explore. (0-90)

**ART 288 Digital Imaging II 3 Sem Hrs**  
Prerequisite: ART 271. Explores advanced image and photographic manipulation software. Develops further and emphasizes aesthetic awareness in the art of digital image-making. Credit may be earned in either ART 271B or ART 272 but not both. (30-60)

**ART 289 New Media 3 Sem Hrs**  
Prerequisites: None. Recommend ART 111, ART 115, ART 116. Provides a lecture/discussion style format in combination with studio work time to explore new art forms. Credit may be earned in ART 289 or IHU 289 but not in both. (30-60)

**ART 290-299 Special Projects in Art Sem Hr**

## American Sign Language

**ASL 111 American Sign Language I 3 Sem Hrs**  
Introduces the student to American Sign Language, the language many deaf or hearing impaired adults use. Incorporates the deaf culture throughout the course. Credit may be earned in SL 111 or ASL 111 but not in both. (45-0)

**ASL 112W American Sign Language II 4 Sem Hrs**  
Prerequisites: SL 111 or ASL 111 or instructor permission. Builds upon skills, knowledge, vocabulary and grammar gained in SL 111/ASL 111, while increasing conversational fluency and speed. Emphasizes expressive signing, including multiple meaning words, concept words vocabulary, classifiers and synonyms. (60-0)

**ASL 113 American Sign Language Fingerspelling A 1 Sem Hr**  
Prerequisite: ASL 111 or permission of the instructor. Focuses on fingerspelling as a part of the communication process of American Sign Language. Addresses expressive and receptive skills. Meets the needs of varying skill levels. (15-0)

**ASL 114 American Sign Language Fingerspelling B 1 Sem Hr**  
Prerequisite: ASL 111 or SL 111 or permission of the instructor. May be taken before or after ASL 113. Focuses on fingerspelling in the context of a signed sentence and proper use of fingerspelling in accordance with Deaf Cultural Rules. Addresses expressive and receptive skills. Meets the needs of varying skill levels. (15-0)

**ASL 116 Sign for Religion 1 Sem Hr**  
Prerequisite: ASL 111 or equivalent. Offers additional receptive and expressive sign language vocabulary and concepts specific to church and temple. (15-0)

**ASL 200W Deaf Culture 3 Sem Hrs**  
Studies the Deaf community and culture. Addresses a broad array of topics, including history, rules for social interaction, group norms, identity, language and values. Discusses Deaf perspective and its interface with the hearing culture. (45-0)

**ASL 211W American Sign Language III 4 Sem Hrs**  
Prerequisite: SL 111 or ASL 111, SL 112 or ASL 112 or demonstrated knowledge of American Sign Language. Builds upon skills, knowledge, vocabulary and linguistics gained in previous classes. Exposes student to more intense American Sign Language, with more emphasis on expressive skills than previous courses. Continues exploration of Deaf culture. (60-0)

**ASL 212W American Sign Language IV 4 Sem Hrs**  
Prerequisites: SL 121 or ASL 211 or demonstrated knowledge of American Sign Language. Concludes sequence of sign language courses. Provides opportunity to develop advanced skill, fluency and vocabulary. Deals with issues related to Deaf culture. Includes information flow and expression beyond repetition and replication. Credit may be earned in SL 122 or ASL 212 but not in both. (60-0)

**ASL 290-299 Special Projects in American Sign Language**

## Astronomy

**AST 111 Introduction to Astronomy 3 Sem Hrs**  
Familiarizes the student with the origin, characteristics, and evolution of the solar system, the stars, the galaxies, and the universe. Emphasizes the way in which our understanding of the universe has changed. (45-0)

**AST 111L Astronomical Investigation 1 Sem Hr**  
Prerequisite: PHY 100 or AST 111, but not both, or concurrent enrollment. Includes experimental design to investigate such events as the night sky, planetary motion, and astronomical laws. Explores use of telescopes and spectrometers in establishing the relationship among planets in the solar system, star distances, and stellar life cycles. (0-30)

**AST 290-299 Special Projects in Astronomy Sem Hr**

## Auto Service

**AUT 100 Introduction to Automotive Service 3 Sem Hrs**  
Introduces the Automotive Service facility, basic tools and equipment, service publications, safety practices, the automobile, its components, and professionalism. Concentrates on terminology and general component operation. (30-25)

**AUT 108 Introductory Automotive Electronics 3 Sem Hrs**  
Studies automotive electrical and electronic fundamentals, magnetism, and electrical test equipment, terminology, operation, and diagnosis. Develops skills in establishing an electrical base for advanced electrical/electronic courses and in controlled learning experiences with basic electricity and electronics using meters and test equipment. (35-25)

**AUT 110 Automotive Electronics Service 4 Sem Hrs**  
Prerequisite: Minimum C (2.0) grade in both AUT 100 and AUT 108. Studies electrical test equipment, battery, wiring diagram, starting and charging system terminology, operation, and diagnosis. Develops skills in diagnosis of battery, diagnosis and repair of starting and charging systems and application of wiring diagrams. (40-40)

**AUT 112W Engine Service 6 Sem Hrs**  
Prerequisite: Minimum C (2.0) grade in both AUT 100 and AUT 108. Studies automotive gasoline engines, terminology, operation, and diagnosis. Develops skills in controlled learning experiences on laboratory engine assemblies. (45-75)

**AUT 114 Brake System Service 5 Sem Hrs**  
Prerequisite: Minimum C (2.0) grade in both AUT 100 and AUT 108. Studies drum, disc, hydraulic, power assist, antilock terminology, operation, and diagnosis. Develops skills on drum, disc, hydraulic, power assist, and antilock brake systems. (40-60)

**AUT 210W Body Electronics Service 3 Sem Hrs**  
Prerequisite: AUT 100 and AUT 108 with a minimum grade of "C" (2.0).. Studies body wiring diagrams, operation and location of electrical devices. Develops skills in the diagnosis of malfunctions within accessory and convenience circuits. (30-30)

**AUT 212W Suspension System Service 7 Sem Hrs**  
Prerequisite: AUT 100 and AUT 108 with a minimum grade of "C" (2.0). Studies frame, steering, and suspension system terminology, operation, and diagnosis. Develops skills in frame, unibody, steering, suspension, four wheel drive and four wheel alignment. (56-84)

**AUT 214W Heating/Air Conditioning Service 5 Sem Hrs**  
Prerequisite: AUT 100 and AUT 108 with a minimum grade of "C" (2.0). Studies passenger car and light truck heating and air conditioning terminology, operation and diagnosis. Develops skills in diagnosis and repair of the heating and air conditioning system components. (50-50)

**AUT 216 Driveline Service 6 Sem Hrs**  
Prerequisite: Minimum "C" (2.0) grade in both AUT 112 and 212. Studies passenger car and light truck clutch, manual transmission, driveshaft, differential, transaxle, front driving axle, and transfer case terminology, operation, and diagnosis. Develops skills in diagnosis, adjustment, and repair of clutches, manual transmissions, driveshafts, differentials, transaxles, front driving axles, and transfer cases. (60-60)

**AUT 218W Automatic Electronic Transmission Service 8 Sem Hrs**  
Prerequisites: Minimum "C" (2.0) grade in both AUT 112 and AUT 212. Studies passenger car and light truck automatic transmission terminology, operation, and diagnosis. Develops skills in diagnosis, adjustment, and repair of passenger car and light truck rear wheel drive and front wheel drive automatic transmissions. Credit may be earned in AUT 122 or AUT 218 but not in both. (80-100)

**AUT 226 Advance Engine Electronics & Fuel System Service 7 Sem Hrs**  
Prerequisites: Minimum "C" (2.0) grade in AUT 110, AUT 210, and AUT 112. Studies electronic inputs to the computerized engine controls; units of instruction necessary to develop a thorough understanding of induction systems and injection systems. Develops skills through controlled learning experiences with sensors, fuel delivery, and fuel injection systems. Credit may be earned in AUT 220 and AUT 222 or AUT 226 but not in both. (60-90)

**AUT 228W Electronic Engine Performance & Emission Control 7 Sem Hrs**  
Prerequisite: Minimum "C" (2.0) grade in AUT 110, AUT 112 and AUT 210. Studies units of instruction necessary for a thorough understanding of ignition systems, emission control systems, and driveability diagnosis. Develops skills through controlled learning experiences with ignition systems, emission control systems, and driveability diagnosis. Credit may be earned in AUT 224 or AUT 228 but not in both. (60-90)

**AUT 239 Automotive Service Information Systems 1 Sem Hr**  
Develops skills to use the current operating system on a computer and to learn navigational skills for the aftermarket automotive service information systems. (5-15)

**AUT 252 Automotive Performance Fundamentals 5 Sem Hrs**  
Prerequisite: Minimum C (2.0) grade in both AUT 100 and AUT 108. Teaches high performance aspects of automotive engines, engine support systems, drivetrains, suspension and safety. (47-28)

**AUT 261 Auto Service Skills Internship I 1 Sem Hr**  
Prerequisites: Michigan Mechanic Training Permit. Provides work experience in the operation, maintenance, and service of customer vehicles in a licensed repair facility. Emphasizes the areas of engine, suspension, brake, and electrical repairs. (0-150)

**AUT 262 Auto Service Skills Internship II 1 Sem Hr**  
Prerequisite: Michigan Mechanic Training Permit. Provides work experience in the operation, maintenance, and service of customer vehicles in a licensed repair facility. Emphasizes areas of drivelines, automatic transmission, HVAC, suspension, and electrical repair. (0-150)

**AUT 290-299 Special Projects in Automotive Service**

## Biology

**BIO 101W Introduction to Anatomy And Physiology 4 Sem Hrs**  
An introduction to basic human anatomy and physiology taught in a lecture-demonstration format. Includes basic principles of the structures and functions of the human body and the terminology related to these topics. (60-0)

**BIO 110W Environmental Science 4 Sem Hrs**  
Surveys the broad field of environmental science using local, regional, and global examples. Includes the following major topics: the scientific method, an introduction to chemistry, ecological principles, types of pollutants, energy principles, population issues, the environmental impact of human choices, and the role of economics, risk perception, and political choices in environmental decision-making. Exposes students to a variety of field, survey, and laboratory techniques useful in assessing environmental quality. (45-45)

**BIO 111HW Principles of Biology - Honors 4 Sem Hrs**  
Prerequisite: READING LEVEL 4 and WRITING LEVEL 2 and permission of the Honors Office. Introduces the fundamental concepts underlying biology and the relevance of these concepts to the student as a member of our global society. Includes the basic chemistry of the cell, cell structure and metabolism, molecular biology, genetics, the origin and evolution of living things, and ecological principles. Applicable as science lecture and laboratory credit for non-majors. Not appropriate for biology majors. Provides opportunities to engage in independent intellectual inquiry to foster deeper learning. Credit may be earned in BIO 111W or BIO 111HW but not in both. (45-45)

**BIO 111W Principles of Biology 4 Sem Hrs**  
Introduces the fundamental concepts underlying biology and the relevance of these concepts to the student as a member of our global society. Includes the basic chemistry of the cell, cell structure and metabolism, molecular biology, genetics, the origin and evolution of living things, and ecological principles. Applicable as science lecture and laboratory credit for non-majors. Not appropriate for biology majors. Credit may be earned in BIO 111W or BIO 111HW but not in both. (45-45)

**BIO 113 Trees and Shrubs Of Michigan 1 Sem Hr**  
Identification of the Michigan trees and shrubs indigenous to the Saginaw Valley. Methods used in this field course include use of the leaf, bark, twig, flower and silhouette. Historical and practical information presented as appropriate. (15-0)

**BIO 114 Animal Behavior - The Wolf 1 Sem Hr**  
Designed to provide student with introduction to study of animal behavior with focus on the wolf. Topics covered will include development of behavior patterns, social behavior, effects of imprinting, role of pheromones in sexual behavior, and hunting behavior. Student will prepare ethogram comparing different subspecies and various breeds of dogs. A weekend field trip is required with student paying own expenses. (15-0)

**BIO 114A Animal Behavior - Dolphin 1 Sem Hr**  
Provides an introduction to the student of dolphin behavior dolphin. Includes study of basic animal physiology, colony and pair dynamics, behavior modification and training, maternity behavior, basic conservation issues, habitat ecology, and natural history. Includes field activities involving observational and hands-on activities during a field trip at student's expense. (15-0)

**BIO 116W Winter Ecology 2 Sem Hrs**

Explores the adaptations and coping behaviors of organisms and communities to the additional stresses placed on them by winter. Includes such major topics as: weather and climate, hibernation, freezing avoidance, community changes, and behavior of animals. Includes identification of plants, animal tracks, insect galls, bird nests, and various kinds of snow conditions. Requires a weekend field trip. Student must pay own expenses. (30-0)

**BIO 117 Birds of Michigan 1 Sem Hr**

Identification of resident and migratory birds by sight and song. Includes bird nesting, feeding and territorial behavior. Taught primarily in the field. (15-0)

**BIO 118 Michigan Wildflowers 1 Sem Hr**

Identification of common seasonal wildflowers of the open field and deciduous woods. Includes ecological significance of major families of flowers. Historical and practical information presented when appropriate. Taught primarily in the field. (15-0)

**BIO 119 Stream Ecology 1 Sem Hr**

Introduces the physical environmental factors that affect organisms inhabiting streams as well as the human influence. Emphasizes the energy flow through stream ecosystems along with the lifecycles and interdependencies of stream animals. Includes fieldwork on at least four different kinds of streams. Includes a weekend field trip with the student paying own expenses. Credit may be earned BIO 119 or 219 but not both. (15-0)

**BIO 123 Survey of Michigan Plant Communities 2 Sem Hrs**

Discusses the influence of physical factors on the varieties of plant communities. Uses the interdependency of organisms as an underlying theme. Examines effects of humans on the nature of plant communities. Emphasizes fieldwork and use of field keys and reference materials for plant identification. Taught primarily in the field. Requires a weekend field trip. (30-0)

**BIO 126 Ecology and Natural History of Isle Royale National Park 1 Sem Hr**

Introduces a remote area of ecosystems. Discusses key native and introduced species of plants and animals. Emphasizes the uniqueness, yet interdependency of organisms. Highlights the long-studied island Wolf-Moose interaction. Requires a three-day trip to the island at student expense. (15-0)

**BIO 126AW Ecology and Natural History of the Appalachia Region 1 Sem Hr**

Prerequisite: Requires concurrent enrollment in LEA 213. Introduces a unique area of ecosystems. Discusses key native and introduced species of plants and animals. Emphasized keystone species and interdependency of organisms. Highlights the Riparian Flora and Fauna, including the reintroduced red wolf species. Requires a three day trip to the Appalachian area at student's expense. (15-0)

**BIO 130W Introduction to Chemistry and Cell Biology 3 Sem Hrs**

Prerequisite: READING LEVEL 4. Introduces the principles and concepts of chemistry and cell biology for students entering allied health curricula. Includes basic math for science, the laws of thermodynamics, theory of atomic structure, chemical bonding, acids, bases, and buffers; introduction to organic chemistry, cell structure and function, basic metabolic pathways, mitosis, meiosis, classical and physiological genetics. Recommended as a preparatory class for BIO 140 and BIO 152 for students with limited background in cell biology and/or chemistry. (30-30)

**BIO 140W Essentials Of Human Anatomy & Physiology 5 Sem Hrs**

Prerequisite: MATH LEVEL 3 or MTH 117 and READING LEVEL 4. Introduces the basic principles and concepts of chemistry, biochemistry and cell biology, as well as human anatomy and physiology for students entering certain allied health curricula. Includes structures and functions of the human body and related terminology. (75-45)

**BIO 152W Human Anatomy & Physiology I 4 Sem Hrs**

Prerequisites: MATH LEVEL 3 or MTH 117 and READING LEVEL 4. Recommended: BIO 130 or high school chemistry. Prepares you for various allied health and nursing professions as first course of two semester sequence. Provides an introduction to the basic principles of chemistry and biochemistry as they relate to human physiology. Gives major consideration to the anatomy and physiology of cells and tissues and the following systems: skeletal, muscle, nervous, and endocrine. (45-45)

**BIO 153W Human Anatomy & Physiology II 4 Sem Hrs**

Prerequisite: BIO 152 with a "C" (2.0) minimum grade or BIO 140 with a "B" (3.0) minimum grade. BIO 153 is a continuation of BIO 152. Investigates the anatomy and physiology of the following systems: circulatory, lymphatic, respiratory, digestive, urinary, and reproductive. Includes human developmental biology and fluids and electrolytes. (45-45)

**BIO 160AW Human Anatomy & Physiology Review 1 Sem Hr**

Prerequisites: BIO 140 or BIO 153 with a "C" (2.0) minimum grade. Provides review and update of contents of cardiovascular system from BIO 140 or BIO 153 using cooperative learning found in Health Care Team concept. Focuses on developing and strengthening abilities in critical thinking, problem solving, and student directed learning. (15-0)

**BIO 160BW A & P Case Studies 2 Sem Hrs**

Prerequisites: BIO 140 or BIO 153 or BIO 241 with a "C" (2.0) minimum grade. Provides comprehensive review and updates of contents of human anatomy and physiology using case studies of six different body systems (cardiovascular/respiratory/nervous/digestive/renal/endocrine). Focuses on developing critical thinking, problem solving, and student directed learning while establishing mastery of material. (30-0)

**BIO 171 Integrated General Biology I 4 Sem Hrs**

Prerequisite: Successful completion [with C (2.0) minimum grade] of CHM 111 or CHM 101 or BIO 130 or approval by instructor. Biology 171 is one of two introductory courses for biology majors and related fields. Together, BIO 171 and BIO 172 constitute a complete introduction to college level biology. These courses may be taken in any order regardless of the course numbers. Includes the scientific method, diversity of life with emphasis on biochemistry, cell structure and function, bioenergetics and metabolism, molecular, Mendelian and developmental genetics. (45-45)

**BIO 172W Integrated General Biology II 4 Sem Hrs**

Prerequisite: Successful completion, with a minimum grade of C (2.0), of both high school chemistry and high school biology or CHM 101 and BIO 111. BIO 172 is one of two introductory courses for biology majors and related fields. Together, BIO 171 and BIO 172 constitute a complete introduction to college level biology. These courses may be taken in any order regardless of the course numbers. Includes a survey of the five kingdoms with emphasis on comparative anatomy, development and ecological roles, evolutionary patterns, population genetics, embryology behavior and ecology. (45-45)

**BIO 199 Human Heredity And Sexuality 4 Sem Hrs**  
Prerequisites: High School biology and chemistry. Introduces the fundamental concepts underlying biology with a focus on heredity and sexuality. Includes cell biology, inborn errors of metabolism, reproduction and development, immunology and HIV/AIDS, oncogenes and cancer, plus classical, population and molecular genetics. Explores the frontiers of health and medicine including reproductive technologies, biotechnology, gene therapy, prenatal diagnosis, genetic screening and the bioethics of the Human Genome Project. Includes case study analysis and laboratory investigations related to cellular and population genetics and biotechnology. Credit may be earned in BIO 199 or BIO 199H but not in both. (45-45)

**BIO 199H Human Heredity And Sexuality - Honors 4 Sem Hrs**  
Prerequisites: LEVEL 4 READING and LEVEL 2 WRITING and permission of the Honors Office. Introduces the fundamental concepts underlying biology with a focus on heredity and sexuality. Includes cell biology, inborn errors of metabolism, reproduction and development, immunology and HIV/AIDS, oncogenes and cancer, plus classical, population and molecular genetics. Explores the frontiers of health and medicine including reproductive technologies, biotechnology, gene therapy, prenatal diagnosis, genetic screening and the bioethics of the Human Genome Project. Includes case study analysis and laboratory investigations related to cellular and population genetics and biotechnology. Provides opportunities to engage in independent intellectual inquiry to foster deeper learning. Credit may be earned in BIO 199 or BIO 199H but not in both. (45-45)

**BIO 203W General Microbiology 4 Sem Hrs**  
Prerequisites: BIO 130 or BIO 140 or BIO 152 or BIO 171, or BIO 241 each requiring a "C" (2.0) minimum grade or successful completion of the BIO 130 competency exam. Surveys the microorganisms associated with infectious diseases, including the bacteria, viruses, fungi, and protozoa's. Emphasizes the health care aspects and the distribution and activities of microbes as related to the following: microbial nutrition and anatomy, growth, disease, epidemiology, infection and immunity. Uses labs that stress aseptic techniques and that develop skills necessary to handle microbes in health care settings, including the characterization of unknown microbes. (45-45)

**BIO 219 Stream Ecology: Aquatic Macroinvertebrate Research 2 Sem Hrs**  
Introduces the physical environmental factors that affect organisms inhabiting streams as well as human influences on streams. Emphasizes the energy flow through stream ecosystems along with the lifecycles and interdependencies of stream animals. Includes fieldwork on at least four different kinds of streams. Emphasizes interrelationships of macroinvertebrate communities within specific stream ecosystems. Includes a weekend field trip with the student paying own expenses. Credit may be earned in BIO 119 or BIO 219 but not both. (30-0)

**BIO 221 Nature Study 4 Sem Hrs**  
Prerequisite: BIO 111 recommended. Designed to introduce students to identification of local flora and fauna. Investigates relationships of these organisms to student's environment. (45-30)

**BIO 230HW Physical Anthropology and Archeology - Honors 4 Sem Hrs**  
Prerequisites: LEVEL 4 READING and LEVEL 2 WRITING and permission of the Honors Office. Introduces the origin and evolution of humankind's physical and cultural development. Emphasizes the evidence and theories of human evolution and a survey of Old World and New World archeology. Provides opportunities to engage in independent intellectual inquiry to foster deeper learning. Credit may be earned in only one of SOC 230, SOC 230H, BIO 230, or BIO 230H. (60-0)

**BIO 230W Physical Anthropology and Archeology 4 Sem Hrs**  
Prerequisites: READING LEVEL 2 or WRITING LEVEL 2. Introduces the origin and evolution of humankind's physical and cultural development. Emphasizes the evidence and theories of human evolution and a survey of Old World and New World archeology. Credit may be earned in only one of SOC 230, SOC 230H, BIO 230, or BIO 230H, but not both. (60-0)

**BIO 240 Human Anatomy 4 Sem Hrs**  
Prerequisite: BIO 171 or permission of instructor. The anatomy of the human body is presented on an integrated regional basis, supplemented by relevant histological, embryological, and functional considerations. The laboratory emphasizes regional dissections of the cat. Designed to meet the needs of biology majors and pre-professional science curricula, including all transfer health-related fields. (45-45)

**BIO 241 Physiology 4 Sem Hrs**  
Prerequisite: BIO 171 or BIO 240 or permission of instructor. Background in anatomy and chemistry is desirable, but not required. Provides students with an introduction to the functional integration of the major organ systems of animals, with special emphasis on the human body. Places emphasis on the ways in which the various systems interact to maintain homeostasis of the individual. Illustrates through laboratory experiments both classical and modern approaches to the physiology of various organ systems. (45-60)

**BIO 268 International Studies in Biology 1-4 Sem Hrs**  
Provides a biologic interpretation of selected world regions with emphasis on natural history, flora and fauna, and ecological relationships. Includes class lectures, individual consultation, and international field study. Expenses for the field study are the responsibility of the student. (15-60,0)

**BIO 272W Integrated Biology Review for Teachers 3 Sem Hrs**  
Requires previous exposure to college-level chemistry and biology for this review course. Prepares potential teachers for the Michigan Test for Teacher Certification (MTTC). Covers topics such as the scientific method, cell types and cellular function, evolutionary changes and inheritance, the classification of living things, ecological principles, and ecosystems. Uses a combination of cooperative learning techniques, debates, discussion, group activities, a learning portfolio, a poster presentation, individual presentations, and case studies. (45-0)

**BIO 274 Introduction to Biotechnology 2 Sem Hrs**  
Prerequisites: CHM 111 and BIO 171 or permission of instructor. Gives a detailed look at cell and molecular biology with a focus on biotechnology. Explores the following topics: regulation of gene expression and development, recombinant DNA, gene cloning, PCR, DNA sequencing and profiling, gene therapy, protein purification, cell culture, cancer and the use of model organisms. Designed for students interested in careers in biotechnology, biochemistry, medicine or pharmacy. Meets requirements of Ferris State University's Bachelor of Science program in biotechnology. (30-0)

**BIO 290-299 Special Projects in Biology Sem Hr**

## Computer Aided Design

**CAD 114 Introduction to CAD 2 Sem Hrs**  
Prerequisites: Either DRF 104, 105, 121, ARC 105, or SKDR 101. CST 103 suggested or basic knowledge of the Windows Operating System. Introduces 2D CAD drawing, including basic drawing and editing commands as related to architectural, mechanical and civil applications. Studies CAD system interface, hardware, a current operating system, file management techniques, creating templates, creating and modifying geometry, dimension and text styles, block and external reference insertion, model space/paper space layouts, and plotting techniques. Credit may be earned in CAD114 or SKCA114 but not in both. (30-15)

**CAD 120 Introduction to CAM 3 Sem Hrs**  
Prerequisites: DRF 104 or DRF 105 or SKDR 101; and CST 103 or CAD 114; or permission of instructor. Introduces the basics in computer geometry creation including line, arc, curve creation and manipulation. Gives a foundation to build on advanced CAD/CAM techniques. Instructs students on file transfer systems from CAD to CAM with emphasis on proper drawing techniques, including file type-save-transfer. Projects will be drawn, checked and created on appropriate equipment. Shows links between CNC machines on the shop floor and their relationship with the design process. Generates code from created drawings to be run on Computer Numerical Controlled equipment. Credit may be earned in CAD 120 or SKCA 120 but not in both. (30-30)

**CAD 214 CAD Techniques 3 Sem Hrs**  
Prerequisites: CAD 114 and either DRF 104 or DRF 105 or DRF 121. Uses CAD software to model three-dimensional surfaces and solids. Extends CAD skills including rendering and advanced dimensioning techniques and build increased efficiency by creating attributes, generating bills of materials and creating custom menus. Includes an introduction to LISP and extended file manipulation as well as additional CAD software. (45-0)

**CAD 226 3D Parametric Solid Modeling 3 Sem Hrs**  
Prerequisite: CAD 114. Develops skills in the use of 3D parametric solid modeling software. Converts solid models to 2D multi-view drawings and generates assembly and animation files. Culminates in Rapid Prototyping project and final presentation. (45-0)

**CAD 290-299 Special Projects in Computer Aided Drafting**

## Child Development

**CD 109W Introduction to the Educational Paraprofessional 2 Sem Hrs**

Prerequisite: READING LEVEL 2 or WRITING LEVEL 2. Introduces the role of the educational paraprofessional in a classroom setting. Prepares for work with a diverse population while assisting in implementing curriculum, facilitating classroom activities, and working with special needs students. Identifies the skills necessary to work well with a team of teachers, administrators, and other professionals. Requires a service learning project. (30-0)

**CD 110W Infant/Toddler Development 4 Sem Hrs**  
Prerequisite: READING LEVEL 2 or WRITING LEVEL 2. Prerequisite or Corequisite: CD 111. Introduces the skills needed to interact with infants and toddlers as a teacher in a professional capacity and includes observing and participating with these specialized populations and their teachers. Identifies curriculum methods used to enhance growth in all developmental areas, and skills required to work with parents to foster basic early learning enhancement. Requires volunteering 3 hours per week for a total of 30 contact hours in an approved, public, child development program during the main portion of the day.(45-30)

**CD 111W Introduction to Early Childhood Education 3 Sem Hrs**  
Prerequisite: READING LEVEL 2 or WRITING LEVEL 2. Introduces the field of early childhood education for ages birth-8. Provides an overall view of classroom goals, types of programs, teaching techniques and professionalism. Defines Michigan licensing laws for programs. (45-0)

**CD 112W Learning Center Activities 3 Sem Hrs**  
Prerequisite: READING LEVEL 2 or WRITING LEVEL 2. Prerequisite or Corequisite: CD 111. Provides the basic curriculum and organizational skills needed to work in an early childhood program. Identifies, develops and presents developmentally appropriate activities for the early childhood classroom. (45-0)

**CD 113W Child Guidance Strategies 4 Sem Hrs**  
Prerequisite: READING LEVEL 2 or WRITING LEVEL 2. Introduces basic skills needed to interact with young children in a positive manner. Identifies instances of growth-producing and/or growth-restricting child behavior and the capability to recognize, interpret and apply a variety of positive guidance techniques. Introduces the preschool and primary classroom, observing and participating with these specialized populations and their teachers. Requires 3 hours a week for a total of 30 hours volunteering in an approved, public, child development program during the main portion of the day. (45-30)

**CD 115PW Introductory Preschool Practicum 3 Sem Hrs**  
Prerequisites or Corequisites: CD 111, CD 112, CD 113. Introduces the early childhood classroom, observing and participating with young children and their teachers. Requires approximately nine hours a week volunteering in an approved early childhood program during the main teaching portion of the day, for a total of 90 hours. (27-90)

**CD 116W Diversity and Families in Early Childhood Education 3 Sem Hrs**  
Prerequisite: READING LEVEL 2 or WRITING LEVEL 2. Introduces the background needed to work with parents of children in early childhood programs. Explores diversity in social class, economic resources, cultural customs, and traditions. (45-0)

**CD 117W Student Teaching Practicum 6 Sem Hrs**  
Prerequisite: CD 110, 115P and either CD 114 or ED 201. Prerequisites or Corequisites: CD 116 and PSY 223. Focuses on teaching developmentally appropriate activities while volunteering in an approved preschool or kindergarten classroom. Application of developmentally appropriate practice and theory during 12 hours per week in an approved student teaching classroom, for a total of 150 contact hours. (37.5-150)

**CD 210W Child Care Program Management 3 Sem Hrs**  
Prerequisites: CD 117 and LWT165. Provides the student with the capstone course for obtaining an Associate of Applied Arts Degree in Child Development. Details all facets of program management in a licensed facility. Introduces the student to developing techniques used in writing a parent program handbook, as well as a staff manual of policies and procedures. Instructor permission required to enroll in this course. (45-0)

**CD 290-299 Special Projects in Child Development**

## Co-operative Education

**CED 205 Cooperative Education Criminal Justice 2 Sem Hrs**  
Prerequisite: CED 106 or permission of instructor. Continues from second-semester cooperative education with additional responsibilities at the worksite. The employer/supervisor and the college coordinator make evaluations. Class is a five-hour professional development seminar. (5-225)

**CED 206 Cooperative Education Criminal Justice 2 Sem Hrs**  
Prerequisite: CED 205 or permission of instructor. Continues from third-semester cooperative education with additional responsibilities at the worksite. The employer/supervisor and the college coordinator make evaluations. Class is a five-hour professional development seminar. (5-225)

**CED 215 Cooperative Education Broadcasting 2 Sem Hrs**  
Prerequisite: CED 116 or permission of instructor. Continues from second-semester cooperative education with additional responsibilities at the worksite. The employer/supervisor and the college coordinator make evaluations. Class is a five-hour professional development seminar. (5-225)

**CED 216 Cooperative Education Broadcasting 2 Sem Hrs**  
Prerequisite: CED 215 or permission of instructor. Continues from third-semester cooperative education with additional responsibilities at the worksite. The employer/supervisor and the college coordinator make evaluations. Class is a five-hour professional development seminar. (5-225)

**CED 225 Cooperative Education Business 2 Sem Hrs**  
Prerequisite: CED 126 or permission of instructor. Continues from second-semester cooperative education with additional responsibilities at the worksite. The employer/supervisor and the college coordinator make evaluations. Class is a five-hour professional development seminar. (5-225)

**CED 226 Cooperative Education Business 2 Sem Hrs**  
Prerequisite: CED 225 or permission of instructor. Continues from third-semester cooperative education with additional responsibilities at the worksite. The employer/supervisor and the college coordinator make evaluations. Class is a five-hour professional development seminar. (5-225)

**CED 235 Cooperative Education III 2 Sem Hrs**  
Prerequisite: CED 136 or permission of instructor. Continues from second-semester cooperative education with additional responsibilities at the worksite. The employer/supervisor and the college coordinator make evaluations. Class is a five-hour professional development seminar. (5-225)

**CED 236 Cooperative Education IV 2 Sem Hrs**  
Prerequisite: CED 235 or permission of instructor. Continues from third-semester cooperative education with additional responsibilities at the worksite. The employer/supervisor and the college coordinator make evaluations. Class is a five-hour professional development seminar. (5-225)

**CED 245 Cooperative Education Electronic Technology 2 Sem Hrs**  
Prerequisite: CED 146 or permission of instructor. Continues from second-semester cooperative education with additional responsibilities at the worksite. The employer/supervisor and the college coordinator make evaluations. Class is a five-hour professional development seminar. (5-225)

**CED 246 Cooperative Education Electronic Technology 2 Sem Hrs**  
Prerequisite: CED 245 or permission of instructor. Continues from third-semester cooperative education with additional responsibilities at the worksite. The employer/supervisor and the college coordinator make evaluations. Class is a five-hour professional development seminar. (5-225)

**CED 255 Cooperative Education Mechanical Technology 2 Sem Hrs**  
Prerequisite: CED 156 or permission of instructor. Continues from second-semester cooperative education with additional responsibilities at the worksite. The employer/supervisor and the college coordinator make evaluations. Class is a five-hour professional development seminar. (5-225)

**CED 256 Cooperative Education Mechanical Technology 2 Sem Hrs**  
Prerequisite: CED 255 or permission of instructor. Continues from third-semester cooperative education with additional responsibilities at the worksite. The employer/supervisor and the college coordinator make evaluations. Class is a five-hour professional development seminar. (5-225)

**CED 265 Cooperative Education Office Professional 2 Sem Hrs**  
Prerequisite: CED 166 or permission of instructor. Continues from second-semester cooperative education with additional responsibilities at the worksite. The employer/supervisor and the college coordinator make evaluations. Class is a five-hour professional development seminar. (5-225)

**CED 266 Cooperative Education Office Professional 2 Sem Hrs**  
Prerequisite: CED 265 or permission of instructor. Continues from third-semester cooperative education with additional responsibilities at the worksite. The employer/supervisor and the college coordinator make evaluations. Class is a five-hour professional development seminar. (5-225)

**CED 275 Cooperative Education Pre-Engineering 2 Sem Hrs**  
Prerequisite: CED 176 or permission of instructor. Continues from second-semester cooperative education with additional responsibilities at the worksite. The employer/supervisor and the college coordinator make evaluations. Class is a five-hour professional development seminar. (5-225)

**CED 276 Cooperative Education Pre-Engineering 2 Sem Hrs**  
Prerequisite: CED 275 or permission of instructor. Continues from third-semester cooperative education with additional responsibilities at the worksite. The employer/supervisor and the college coordinator make evaluations. Class is a five-hour professional development seminar. (5-225)

**CED 280AW Cooperative Education Technical Management 1 Sem Hr**  
Prerequisite: Student must apply for credit in CED 280A in the semester prior to earning credit or currently be employed in a major-related position. Integrates, reinforces, and documents the students' academic studies with related work of at least 180 hours at an approved work side. Evaluations are made by the employer/supervisor and the college coordinator. You have the option to earn credit in CED 280A, 280B, 280C, 280D or in the CED series related to your program of study. (15-180)

**CED 280BW Cooperative Education Design Technology 1 Sem Hr**  
Prerequisite: Student must apply for credit in CED 280B in the semester prior to earning credit or currently be employed in a major-related position. Integrates, reinforces, and documents the students' academic studies with related work of at least 180 hours at an approved work side. Evaluations are made by the employer/supervisor and the college coordinator. You have the option to earn credit in CED 280A, 280B, 280C, 280D or in the CED series related to your program of study. (15-180)

**CED 280CW Cooperative Education Construction Technology 1 Sem Hr**  
Prerequisite: Student must apply for credit in CED 280C in the semester prior to earning credit or currently be employed in a major-related position. Integrates, reinforces, and documents the students' academic studies with related work of at least 180 hours at an approved work side. Evaluations are made by the employer/supervisor and the college coordinator. You have the option to earn credit in CED 280A, 280B, 280C, 280D or in the CED series related to your program of study. (15-180)

**CED 280DW Cooperative Education Mechanical Technology 1 Sem Hr**  
Prerequisite: Student must apply for credit in CED 280D in the semester prior to earning credit or currently be employed in a major-related position. Integrates, reinforces, and documents the students' academic studies with related work of at least 180 hours at an approved work side. Evaluations are made by the employer/supervisor and the college coordinator. You have the option to earn credit in CED 280A, 280B, 280C, 280D or in the CED series related to your program of study. (15-180)

**CED 285 Cooperative Education Science 2 Sem Hrs**

Prerequisite: CED 186 or permission of instructor. Continues from second-semester cooperative education with additional responsibilities at the worksite. The employer/supervisor and the college coordinator make evaluations. Class is a five-hour professional development seminar. (5-225)

**CED 286 Cooperative Education Science 2 Sem Hrs**

Prerequisite: CED 285 or permission of instructor. Continues from third-semester cooperative education with additional responsibilities at the worksite. The employer/supervisor and the college coordinator make evaluations. Class is a five-hour professional development seminar. (5-225)

**CED 290-299 Special Projects in Cooperative Education****CED 295A Cooperative Education Technology Management 2 Sem Hrs**

Prerequisite: CED 196A or permission of instructor. Continues from second-semester cooperative education with additional responsibilities at the worksite. The employer/supervisor and the college coordinator make evaluations. Class is a five-hour professional development seminar. (5-225)

**CED 295B Cooperative Education Design Technology 2 Sem Hrs**

Prerequisite: CED 196B or permission of instructor. Continues from second-semester cooperative education with additional responsibilities at the worksite. The employer/supervisor and the college coordinator make evaluations. Class is a five-hour professional development seminar. (5-225)

**CED 295C Cooperative Education Construction Technology 2 Sem Hrs**

Prerequisite: CED 196C or permission of instructor. Continues from second-semester cooperative education with additional responsibilities at the worksite. The employer/supervisor and the college coordinator make evaluations. Class is a five-hour professional development seminar. (5-225)

**CED 296A Cooperative Education Technology Management 2 Sem Hrs**

Prerequisite: CED 295A or permission of instructor. Continues from third-semester cooperative education with additional responsibilities at the worksite. The employer/supervisor and the college coordinator make evaluations. Class is a five-hour professional development seminar. (5-225)

**CED 296B Cooperative Education Design Technology 2 Sem Hrs**

Prerequisite: CED 295B or permission of instructor. Continues from third-semester cooperative education with additional responsibilities at the worksite. The employer/supervisor and the college coordinator make evaluations. Class is a five-hour professional development seminar. (5-225)

**CED 296C Cooperative Education Construction Technology 2 Sem Hrs**

Prerequisite: CED 295C or permission of instructor. Continues from third-semester cooperative education with additional responsibilities at the worksite. The employer/supervisor and the college coordinator make evaluations. Class is a five-hour professional development seminar. (5-225)

## Chemistry

**CHM 101W General Chemistry I 5 Sem Hrs**

Prerequisite: MATH LEVEL 4. Provides fundamental principles, including atomic theory, periodic properties, states of matter, laws of chemistry combination, nomenclature, and chemical phenomena of interest to daily living. Designed as a preparation to CHM 111 for those students with no previous work in chemistry and to satisfy a science requirement in certain curricula. (75-30)

**CHM 105W Technical Chemistry I 5 Sem Hrs**

Prerequisite: MATH LEVEL 3. Provides basic principles of general chemistry with an emphasis on resource-based and hands-on learning. Includes chemical and physical properties of matter, measurement and chemical calculations, chemical terminology, reactions and processes, and use of industrial and field testing equipment. Integrates computer skills into the course including word processing, spreadsheet, email, and web use. (60-60)

**CHM 106W Technical Chemistry II 5 Sem Hrs**

Prerequisite: Completion of CHM 101 or CHM 105 with a minimum grade of C (2.0). Provides inorganic and organic chemistry knowledge and technical skills' foundation essential for employment as a technician in a variety of chemistry-based professions. Includes analytical instrumentation use. (60-60)

**CHM 107 Chemistry For Engineering Technology 4 Sem Hrs**

Prerequisite: MATH LEVEL 6. Develops a foundation in chemistry for engineering technicians and designers so they can make better informed decisions. Builds connections of understanding between engineering material selection, design, and manufacturing processes. Uses fundamental principles including atomic theory, structure of metals and polymers, periodic properties, states of matter, gas laws, nomenclature, and common chemical reactions to make connections. (45-30)

**CHM 111 General and Inorganic Chemistry I 5 Sem Hrs**

Prerequisite: MATH LEVEL 5 and either high school chemistry or CHM 101 with a minimum grade of C (2.0). Emphasizes an in-depth study of the theories and principles of atomic structure bonding, stoichiometry, states of matters, and properties of solutions. Required for students who intend to enroll for more than one year of chemistry. Meets the needs of chemistry majors. Credit may be earned in CHM 111 or CHM 111H but not both. (60-45)

**CHM 111H General and Inorganic Chemistry I - Honors 5 Sem Hrs**

Prerequisite: READING LEVEL 4, WRITING LEVEL 2, MATH LEVEL 4 and either high school chemistry or CHM 101 with a minimum grade of C (2.0) and permission of the Honors Office. Emphasizes an in-depth study of the theories and principles of atomic structure bonding, stoichiometry, states of matters, and properties of solutions. Required for students who intend to enroll for more than one year of chemistry. Meets the needs of chemistry majors. Practices intellectual curiosity and applies it in independent ways to deepen understanding of course material. Provides opportunities to engage in independent intellectual inquiry to foster deeper learning. Credit may be earned in either CHM 111 or CHM 111H, but not in both. (60-45)

**CHM 112 General and Inorganic Chemistry II 5 Sem Hrs**

Prerequisite: Completion of CHM 111 with a minimum grade of C (2.0). Continuation of CHM 111. Introduces chemical equilibria in water, including ionization solubility, complexion, acid-base phenomena, and oxidation reducing equilibria. Discusses the principles of electrochemistry, chemical thermodynamics, chemical kinetics and special topics such as the descriptive study of metals and non-metals. Meets the needs of chemistry majors. Credit may earned in CHM 112 or CHM 112H but not in both. (60-45)

**CHM 112H General and Inorganic Chemistry II - Honors 5 Sem Hrs**

Prerequisite: READING LEVEL 4, WRITING LEVEL 2 and completion of CHM 111 with a minimum grade of C (2.0) and permission of the Honors Office. Continuation of CHM 111. Introduces chemical equilibria in water, including ionization solubility, complexation, acid-base phenomena, and oxidation-reduction equilibria. Discusses the principles of electrochemistry, chemical thermodynamics, chemical kinetics and special topics such as the descriptive study of metals and non-metals. Practices intellectual curiosity and applies it in independent ways to deepen understanding of course material. Meets the needs of chemistry majors. Provides opportunities to engage in independent intellectual inquiry to foster deeper learning. Credit may be earned in CHM 112 or CHM 112H but not both. (60-45)

**CHM 210 Organic Chemistry I 4 Sem Hrs**

Prerequisite: Completion of CHM 111 or CHM 112 with a grade of "C" or better. Provides the basic principles of organic chemistry, including functional groups, nomenclature, mechanisms, reaction types and various reagents. Meets the needs of students in the medical and health fields, engineering fields, and science majors. (60-0)

**CHM 210LW Organic Chemistry I Laboratory 1 Sem Hr**

Prerequisite: Completion of or concurrent enrollment in CHM 210. Provides the basic principles of organic laboratory techniques. Includes note keeping, filtrations, recrystallizations, extractions, distillation methods, spectroscopic methods, chromatographic methods, chemical searches, and report writing. Recommended to be taken concurrently with CHM 210. (0-60)

**CHM 220 Organic Chemistry II 4 Sem Hrs**

Prerequisite: Completion of CHM 210 with a minimum grade of C (2.0). Provides a continuation of CHM 210 with reactions, mechanisms and nomenclature of carbonyl groups, carbohydrates, lipids, proteins and nucleotides. Includes special topics with applications in the medical, pharmaceutical and industrial fields. Meets the needs of students in medical and health fields, engineering fields, and science majors. (60-0)

**CHM 220LW Organic Chemistry II Laboratory 1 Sem Hr**

Prerequisites: Completion of CHM 210LW with a minimum grade of C (2.0). Provides a continuation of CHM 210L, applying the basic principles of synthesis and analysis to various challenging reactions, using established techniques. Recommended to be taken concurrently with CHM 220. (0-60)

**CHM 221 Organic Biochemistry 3 Sem Hrs**

Prerequisite: Either completion of CHM 111 or CHM 101 with a minimum grade of B (3.0). Includes the structure and properties of the major classes of organic compounds, with emphasis on characteristic reactions of various functional groups, as well as fundamental concepts of biochemistry and the interrelationships of biologically active compounds with major metabolic pathways. (45-0)

**CHM 222LW Organic Biochemistry Laboratory 1 Sem Hr**

Prerequisite: Completion of or concurrent enrollment in CHM 221. Provides a variety of perspectives using laboratory experiments to supplement and enhance the student's background in organic and biochemistry. Includes extractions, syntheses, separations, analyses, comparison of reactions, and metabolic studies. (0-45)

**CHM 230 Chemical Analysis/Instrumentation 4 Sem Hrs**

Prerequisite: MATH LEVEL 6 and either completion of CHM 106, or completion of CHM 112 and CHM 210 all with a grade of "C" or better. CHM 210 and CHM 230 may be taken concurrently with permission of the instructor. Presents the theory and practice of basic chemical preparation and analysis as performed in research and/or industrial settings. Emphasizes safety, detailed and accurate record keeping, data handling, and report writing. Benefits all science majors in Biology, Chemistry, Engineering, and other Applied Science Curricula. (45-45)

**CHM 231 Troubleshooting for Analytical Instrumentation**

**1 Sem Hr**

Prerequisite: Completion of or concurrent enrollment in CHM 210, CHM 221, or CHM 230. Provides an overview of techniques and documentation required for troubleshooting analytical instrumentation in an industrial setting. Includes systematic approach to diagnosis of instrument failures as well as hands-on maintenance and repair operations. Beneficial to all science and technology majors. (15-0)

**CHM 290-299 Special Projects in Chemistry**

**Sem Hr**

**Criminal Justice**

**CJ 101 Police Recruit Training 6 Sem Hrs**

Prerequisite: Must be currently employed full-or part-time by a law enforcement agency, or have completed an Associate Degree upon entry, or will receive an Associate Degree upon completion of the Basic Police Training Academy. OAT 153, LW 280, and LWT 175 must be taken concurrently. Provides the basic training necessary to assume the duties of a police officer in preparation for MCOLES (Michigan Commission on Law Enforcement Standards) state certification. Includes constitutional law, criminal law, laws of arrest, search and seizure, investigative techniques, first aid, firearms, motor vehicle laws, defensive tactics, and patrol techniques. Contact the Delta Police Academy for information concerning admission requirements, enrollment, and current course fees. To obtain an Associate Degree in Criminal Justice, a student must earn a grade of C (2.0) or better in this course. (605-0)

**CJ 102 Jail Officer Academy 4 Sem Hrs**

Prerequisite: Must be currently employed full-or part-time by a Michigan county jail, or have completed an Associate Degree upon entry, or will receive an Associate Degree upon completion of the Jail Officer Academy (Local Corrections Officer Certification Academy). LWA 279 and LWT 170 must be taken concurrently ; credit for LWT 170 will be given upon completion of the Academy. Provides the basic training necessary to assume the duties of corrections deputy or local detention officer in accordance with Michigan Sheriff's Coordinating and Training Council (MSCTC) standards and certification. Includes Booking and Intake Screening, Correctional Law, Cultural Diversity, Custody and Security, Stress Management, Ethics in Corrections, Prisoner Behavior, Workplace Harassment, Fire Safety, Interpersonal Communications, Report Writing, and Suicide Awareness. Contact the Delta Police Academy for information concerning admission requirements, enrollment, and current course fees. (112-0)

**CJ 110W Introduction to Criminal Justice 3 Sem Hrs**

Prerequisite: READING LEVEL 1 or WRITING LEVEL 1. Introduces and provides orientation to the field of law enforcement and criminal justice. Explores major areas including: the philosophical and historical background of the field; types of courts and agencies in the field and their responsibilities; administrative and technical problems in the field and an understanding of the Bill of Rights Amendments to the Constitution. (45-0)

**CJ 111W Police Administration 3 Sem Hrs**

Prerequisite: READING LEVEL 1 or WRITING LEVEL 1. Analyzes the functional divisions of the modern police department. Studies management operations, coordination of activities, communications, recruiting, training, public relations, and looks at the future of law enforcement. (45-0)

**CJ 112W Police Operations 3 Sem Hrs**

Prerequisite: READING LEVEL 1 or WRITING LEVEL 1. Studies patrol as a basic police function, including both the theoretical and functional aspects. Covers the responsibilities of, purpose, methods, types and means of police patrol. Exams patrol strength layout, beats, technological advancements affecting the patrol officer. (45-0)

**CJ 130W Introduction to Corrections 3 Sem Hrs**

Prerequisite: READING LEVEL 1 or WRITING LEVEL 1. Provides an understanding of the agencies and institutions that have legal authority over the custody and supervision of offenders. Discusses major areas including the history and development of corrections, community based corrections, local, state and federal institutions, and institutional administration. Explores correctional treatment of female, male, and juvenile offenders. Covers the role of corrections in the total system of criminal justice. (45-0)

**CJ 132W Client Relations in Corrections 3 Sem Hrs**

Prerequisite: READING LEVEL 1 or WRITING LEVEL 1. Develops an awareness of the effects of culture and discrimination on the attitude formation of individuals, to assist in identifying various professional responses to human behavior. (45-0)

**CJ 135W Correctional Institutions and Facilities 3 Sem Hrs**

Prerequisite: READING LEVEL 1 or WRITING LEVEL 1. Provides an overview of correctional institutions and facilities. Covers topics including the purpose of prisons and correctional institutions, treatment and rehabilitating programs, management and organization of correctional institutions, custodial care, safety and security, and future concerns. (45-0)

**CJ 150 Introduction to Emergency Dispatch 1 Sem Hr**

Introduces the history, structure and roles of the emergency dispatch center. Explains major responsibilities and skills needed for career as emergency telecommunicator. Examines associated legal and social issues and offers resolutions to stress and burnout issues related to field. (15-0)

**CJ 182W Introduction to Security 3 Sem Hrs**

Prerequisite: READING LEVEL 1 or WRITING LEVEL 1. Introduces the field of security and orients student to career options. Explores origins and development of security, proprietary security, risk analysis, fire protection, safety, internal theft control, insurance cargo security, computer security, institutional security, and the future of security. (45-0)

**CJ 187W Current Issues in Security 3 Sem Hrs**

Prerequisite: READING LEVEL 1 or WRITING LEVEL 1. Surveys current issues in security: terrorism, espionage, substance abuse, employee theft, computer vulnerabilities, and protection of information. (45-0)

**CJ 210W Introduction to Criminal Investigation 3 Sem Hrs**

Prerequisite: READING LEVEL 2 or WRITING LEVEL 2. Introduces criminal investigation procedures: theory of an investigation, conduct at crime scenes, collection and preservation of physical evidence, methods used in police science laboratory, finger prints, ballistics, documents, serology, photography, and related forensic sciences. (45-0)

**CJ 211W Private Security and Investigative Methods 3 Sem Hrs**

Prerequisite: READING LEVEL 2 or WRITING LEVEL 2. Introduces private security and investigative methods, including public record searching, surveillance, background investigations, interviewing techniques, fair credit reporting act, computer based investigations and video evidence. (45-0)

**CJ 215W Introduction to Homeland Security 3 Sem Hrs**

Prerequisite: READING LEVEL 2 or WRITING LEVEL 2. Explains the basic concepts of homeland security. Examines domestic and foreign terrorist violence aimed at achieving radical change in society. Explores governmental reaction to homeland security needs and threats against interests of the United States. (45-0)

**CJ 220W Crime Laboratory Techniques 3 Sem Hrs**

Prerequisite: READING LEVEL 2 or WRITING LEVEL 2 and CJ 210 with a "C" or better. Introduces scientific criminal investigation and criminalistics: proper handling and transmittal of evidence to the crime laboratory, laboratory aids that are available, and understanding of the probabilities related to examination of physical evidence. (45-15)

**CJ 233W Client Growth and Development 3 Sem Hrs**

Prerequisite: READING LEVEL 1 or WRITING LEVEL 1. Explores the various factors involved in the development and growth of the criminal. Discusses the biological, environmental, and psychological influences. Reviews specific problems such as sexual, substance abuse and medical disorders. Explores intervention strategies. (45-0)

**CJ 237W Jails & Local Detention 3 Sem Hrs**

Prerequisite: READING LEVEL 2 or WRITING LEVEL 2 and CJ 110 or CJ 130 with a "C" or better. Explains the operations of jails and local detention facilities and their unique role in the criminal justice system. Covers Michigan jail and lockup operations, as well as their organization, management, and emerging issues confronting American jails. Reviews differences in jails and prisons regarding operations and differing clientele. (45-0)

**CJ 238W Legal Issues in Corrections 3 Sem Hrs**

Prerequisite: READING LEVEL 1 or WRITING LEVEL 1. Studies the primary legal issues correctional personnel will be entrusted to enforce and safeguard. Covers an overview of U.S. Constitutional law, the court process from arrest through trial, the structure and function of the S.S. and state courts, and prisoner rights. (45-0)

**CJ 250 The Juvenile Offender 3 Sem Hrs**

Prerequisite: READING LEVEL 2 or WRITING LEVEL 2. Studies theories of causation as applied to juvenile delinquency. Examines the work of youth agencies. Explains Michigan Juvenile Law and constitutional safeguards for juveniles. Reviews new development in the prevention of juvenile crime. (45-0)

**CJ 253 Emergency Dispatch Operations 3 Sem Hrs**

Prerequisites: CJ 112, CJ 150, FST 101, SPH 212. Introduces the mechanical, technical, and general operations of an emergency dispatch center. Orients to call-taking and radio dispatching utilizing technical equipment such as multi-line phone systems, wireless technology, waves and frequencies, various computer systems, and generally accepted operational procedures. Discusses various resources available and utilized by emergency dispatchers. (45-0)

**CJ 270W Evidence and Criminal Procedure 3 Sem Hrs**

Prerequisite: READING LEVEL 2 or WRITING LEVEL 2 and any one course from the Criminal Justice Discipline or any POL 103, POL 104, or POL 212 course with a "C" or better or permission of the instructor. Studies the rules of evidence as it affects the criminal justice process. Includes an overview of criminal procedure as it pertains to the rules of arrest, search, and seizure, which regulate law enforcement, and protects citizen's rights of privacy and presumed innocence. (45-0)

**CJ 271W Criminal Law 3 Sem Hrs**

Prerequisite: READING LEVEL 2 or WRITING LEVEL 2 and any one course from the Criminal Justice Discipline or any POL 103, POL 104, or POL 212 course with a "C" or better or permission of the instructor. Examines elements and proof in crime of frequent concerns in law enforcement with reference to principal rules of criminal liability. Considers importance of criminal law at the enforcement level, from crime prevention to courtroom appearance. (45-0)

**CJ 275W Probation and Parole 3 Sem Hrs**

Prerequisite: READING LEVEL 2 or WRITING LEVEL 2 and CJ 130 with a "C" or better. Examines the process of probation and parole. Emphasizes management and supervision of individuals involved in the probation and parole process including interviewing, counseling techniques, and preparing court reports such as progress reports and pre-sentence investigations. (45-0)

**CJ 280W Internship in Criminal Justice 3 Sem Hrs**

Prerequisite: Minimum 15 credits Criminal Justice courses and permission of faculty. Field placement in a criminal justice setting (police department, court, juvenile center, etc.). An attempt will be made to find field education placements compatible with students' interests and agency needs. (10-160)

**CJ 282 Internship in Emergency Dispatch 3 Sem Hrs**  
Prerequisites: CJ 253. Provides experience in day-to-day operations of varied emergency dispatch centers. Provides 24 hours of work experience at an approved emergency dispatch center, followed by 24 hours of work experience at a second approved emergency dispatch center. Requires working a varying shift rotation to experience a variety of job responsibilities as assigned by each emergency dispatch site. Provides work experiences as active emergency dispatcher during the course of the internship. Must have approval from the program coordinator prior to beginning internship at either selected site. Must also pass a background check by the interning agency and/or fulfill any other predetermined process required by the department. (0-45)

**CJ 290-299 Special Projects in Criminal Justice 3 Sem Hrs**

## Certified Nursing Assistant

**CNA 100LW Certified Nursing Assistant Lab 1.3 Sem Hrs**  
Prerequisites: READING LEVEL 4, WRITING LEVEL 2, and MATH LEVEL 2. Corequisite: CNA 100W. A Criminal Background Check must be completed and approved before entering the clinical agency. Introduces clinical skills and experiences related to basic patient care and activities of daily living. Utilizes these skills in a variety of health care settings, such as long-term, home health, and acute care facilities. Successful completion of the course with a grade of "C" or better entitles the student for eligibility to take a competency evaluation exam to attain state certification as a Certified Nursing Assistant. A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. Students are not eligible for a course refund, beyond the college defined refund period, if a determination has been made by the clinical agency that prevents the student from entering the facility for any reason. (0-60)

**CNA 100W Certified Nursing Assistant Training 3.7 Sem Hrs**  
Prerequisites: READING LEVEL 4, WRITING LEVEL 2, and MATH LEVEL 2. Corequisite: CNA 100LW. A Criminal Background Check must be completed and approved before entering the clinical agency. Introduces theory related to basic patient care and activities of daily living. Successful completion of the course with a grade of "C" or better entitles the student for eligibility to take a competency evaluation exam to attain state certification as a Certified Nursing Assistant. A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. Students are not eligible for a course refund, beyond the college defined refund period, if a determination has been made by the clinical agency that prevents the student from entering the facility for any reason. (56-0)

**CNA 290-299 Special Projects in Certified Nursing Assistant N/A Sem Hrs**

## Computer Numerical Control

**CNC 162 Computer Numerical Control Theory 4 Sem Hrs**  
Prerequisites: SKTR 181 or MS 181, and SKMA 103 or MTH 103 or MT 110, or Instructor permission. Uses various methods, such as a text editor, machine control unit, and CAD/CAM (MasterCam) to produce alpha-numeric code (G-Code) which will run CNC machinery. Uses blueprints to problem solve and program both point-to-point and complex contours on machining centers and turning centers. Discusses machines with 2, 3, 4, and 5 axis controls. Emphasizes common formats of programming. Discusses machine tool controllers including HAAS, Funac, and Okuma. Includes hands-on activities. Credit may be earned in either CNC 162 or SKCN 162 but not in both. (40-20)

**CNC 216 CNC with Machining Applications 4 Sem Hrs**  
Prerequisites: CAD 120 or SKCA 120, MS 181 or SKTR 181, CNC 162 or SKCN 162, MS 181W or SKTR 181. Emphasizes the programming methodology for producing quality parts using the CNC machines. Discusses conversational programming language with secondary emphasis on tooling setups, part setups, and machining. Utilizes horizontal and vertical machining center for program testing. Credit may be earned in SKCN 216 or CNC 216 but not both. (0-60)

**CNC 225 Mastercam 4 Sem Hrs**  
Prerequisites: CAD 120 or SKCA 120, and CNC 162 or SKCN 162 or instructor permission. Teaches the advanced concepts of CNC programming for lathe work, mill 3 and 4 axis work, and/or other machinery, shop floor programming, and the principles of CNC operations. Emphasizes various machining operations, accompanied by demonstrations, student programming, and hands-on setup and machine operation. Emphasizes the creation of error free part programs using the MASTERCAM programming language, including part geometry, tool path, and debugging with secondary emphasis on the downloading of a program to the turning center, mill, machining center/system, or wire EDM. Credit may be earned in either SKCN 225 or CNC 225 but not in both. (15-45)

**CNC 285W Computer Numerical Control Capstone 4 Sem Hrs**  
Prerequisites: Permission of instructor. Demonstrates application-based activities that tie a majority of your previous manufacturing learning together. Incorporates skills learned in drafting, CAD, manual and CNC machine tools, and CAM to complete the capstone project. Applies critical thinking and spatial analysis abilities in the processing of this project. Applies the fundamentals of ID tool design and tool making, fixture building, and geometric dimensioning and tolerancing (GD&T). Credit may be earned in CNC 285 or SKCN 285 but not in both. (30-60)

**CNC 290-299 Special Projects in Computer Numerical Control**

## Communication

**COM 112CW Fundamentals of Oral Communication 3 Sem Hrs**  
Offers training in the fundamental processes of oral expression, with an emphasis on speaking and listening as the coordination of perception and expression. Practices the basic principles, components, and skills for the development and delivery of presentations in specific communication situations. Intended to only be taken in a learning community combination. Credit may be earned in any SPH 112 course or any COM 112 course, but not both. (45-0)

**COM 112HW Fundamentals of Oral Communication - Honors 3 Sem Hrs**  
Prerequisites: READING LEVEL 4 and WRITING LEVEL 2 and permission of the Honors Office. Offers training in the fundamental processes of oral expression, with an emphasis on speaking and listening as the coordination of perception and expression. Practices the basic principles, components, and skills for the development and delivery of presentations in specific communication situations. Provides opportunities to engage in independent intellectual inquiry to foster deeper learning. Credit may be earned in any SPH 112 course or any COM 112 course, but not both. (45-0)

**COM 112W Fundamentals of Oral Communication 3 Sem Hrs**  
Prerequisites: READING LEVEL 2 or WRITING LEVEL 2. Offers training in the fundamental processes of oral expression, with an emphasis on speaking and listening as the coordination of perception and expression. Practices the basic principles, components, and skills for the development and delivery of presentations in specific communication situations. Credit may be earned in any SPH 112 course or any COM 112 course, but not both. (45-0)

**COM 114HW Interpersonal Communication - Honors 3 Sem Hrs**

Prerequisites: READING LEVEL 4 and WRITING LEVEL 2 and permission of the Honors Office. Introduces the processes of perception, non-verbal behavior, self-concept, roles, and culture on human interaction in varying social settings. Increases student competency as communicators in social settings. Applies various concepts of communication behavior in the classroom. Provides opportunities to engage in independent intellectual inquiry to foster deeper learning. Credit may be earned in any SPH 114 course or any COM 114 course, but not both. (45-0)

**COM 114W Interpersonal Communication 3 Sem Hrs**

Prerequisites: READING LEVEL 2 or WRITING LEVEL 2. Introduces the processes of perception, non-verbal behavior, self-concept, roles, and culture on human interaction in varying social settings. Increases student competency as communicators in social settings. Applies various concepts of communication behavior in the classroom. Credit may be earned in any SPH 114 course or any COM 114 course, but not in both. (45-0)

**COM 202W Oral Communication for Managers 3 Sem Hrs**

Prerequisites: READING LEVEL 2 and WRITING LEVEL 2. Focuses on organizational behavior; management behavior styles and team building; interpersonal communication; appraisal, disciplinary, motivational and counseling interviews; listening and nonverbal behavior; public speaking; and leadership and consensus decision making. Emphasizes practical skills within the organization. (45-0)

**COM 212W Listening 3 Sem Hrs**

Prerequisites: READING LEVEL 2 and WRITING LEVEL 2. Focuses on the theory, behavior, and skills of listening. Includes discussion of the key components of listening such as hearing, understanding, remembering, interpreting, evaluating, and responding. (45-0)

**COM 214W Small Group Communication 3 Sem Hrs**

Prerequisite: READING LEVEL 2 and WRITING LEVEL 2 and a previous communication course. Focuses on small group communication theories, strategies, and skills for successful group participation. Increases student competency as effective team members and leaders. (45-0)

**COM 215W Introduction to Theatre 3 Sem Hrs**

Prerequisites: READING LEVEL 2 or WRITING LEVEL 2. Offers insight into all the various aspects of theatrical production. Observes and critiques dramatic productions whether on stage, film, or the T.V. screen. Analyzes plays and experiences in acting, directing, scenery, and lighting. (45-0)

**COM 216W Theatre History 3 Sem Hrs**

Prerequisites: READING LEVEL 2 and WRITING LEVEL 2. Introduces the student to the various historical areas of the theatre, from the ancient Greeks to the present. Emphasizes the development of the physical theatre, representative playwrights, and the development of actor and the director. (45-0)

**COM 222 Introduction to Acting 3 Sem Hrs**

Prerequisites: READING LEVEL 2 or WRITING LEVEL 2. Introduces the fundamentals of stage terminology, stage movement, use of voice, and believable character creation for an audience in both improvisational and written scenes. Emphasizes preparation and presentation of scenes before a classroom audience. (45-0)

**COM 224W Nonverbal Communication 3 Sem Hrs**

Prerequisites: READING LEVEL 2 and WRITING LEVEL 2. Focuses on nonverbal communication as it relates to interpersonal social, business and professional behavior. Analyzes kinesics, facial affect, eye contact, body movement and posture, physical characteristics, haptics, chronemics, proxemics, artifacts and environment. Discusses the prevalent theories underlying nonverbal behavior. (45-0)

**COM 235W Principles of Persuasion 3 Sem Hrs**

Prerequisites: READING LEVEL 2 and WRITING LEVEL 2, and COM 112 or COM 114, or instructor permission. Introduces the study and practice of persuasion focusing on the dual roles as producers and consumers of persuasive messages; examines persuasion in a variety of contexts using both the rhetorical and behavioral science traditions; applies theory and research to practical situations; develops strategies for constructing effective and ethical persuasive messages. (45-0)

**COM 236W Advanced Oral Communication 3 Sem Hrs**

Prerequisite: READING LEVEL 2 and WRITING LEVEL 2 and successful completion of COM 112W with a grade of "C" or better. Develops an advanced understanding of theories and strategies in the delivery of oral presentations. Develops advanced speaking skills from an historical and contemporary rhetorical context. Emphasizes analyzing and practicing speech discourse conventions, along with advanced information literacy skills as a key to effective delivery of speeches. (45-0)

**COM 244W Family Communication 3 Sem Hrs**

Prerequisites: READING LEVEL 2 and WRITING LEVEL 2. Provides students with an understanding of interpersonal communication in the context of family systems. Studies family communication through the lens of family systems theory, rules, and interaction theory. Provides students the opportunity to apply and operationalize the theories through various assignments related to their family of origin, existing family, and family configurations in other cultures. (45-0)

**COM 245W Intercultural Communication 3 Sem Hrs**

Prerequisites: READING LEVEL 2 and WRITING LEVEL 2. Provides an analysis of issues associated with communicating with an emphasis on how communication is influenced by culture and how culture is influenced by communication. Utilizes concepts drawn from sociology, psychology, anthropology, and communication. Applies theories and research related to intercultural communication in order to increase understanding of the relationship between culture and communication and subsequently be able to communicate effectively with people of other cultural groups. (45-0)

**COM 290-299 Special Projects in Communication Sem Hr**

## Chemical Process Industries

**CPI 110 Introduction To Chemical Process Industries 2 Sem Hrs**

Concurrent enrollment in CPI 120 recommended. Provides overview of Chemical Process Industries and Chemical Technology with focus on the role of the process operator and the chemical technician. Introduces concepts of safety, regulation, laws affecting the job and the industry, and quality control. Includes study skills and attitudes necessary for study of science/technology as well as means of continuing professional and personal growth. Credit may be earned in CPI 110 or CT 100 but not both. (30-0)

**CPI 115 Chemical Plant Science Fundamentals 2 Sem Hrs**

Prerequisite: Instructor permission required to register. Requires that the student has already earned a technical associate, bachelor or greater degree; military experience; over 8000 hours industrial experience; or a journeyman's card. Reviews the fundamental scientific principles of physics and chemistry. (30-0)

**CPI 120 Introduction To Process Operations 2 Sem Hrs**

Prerequisite: MATH LEVEL 5. Concurrent enrollment in CPI 110 recommended. Provides an overview of process operations including analysis of process flow sheets. Details description and analysis of operations as they involve reactors, distillation columns, heat exchangers, and other types of operations in the typical chemical plant. (30-0)

**CPI 210 Basic Chemical and Unit Operations 4 Sem Hrs**

Prerequisite: Completion of PHY 101, PHY 111, or PHY 211 with a grade of "C" or better (A high school Physics course completed with a "C" or better within the last three years may also qualify.) and CPI 120 with a grade of "C" or better. Provides understanding of basic principles of process technology along with an introduction to the use and operations of standard process equipment used worldwide by process technicians. Includes principles of energy and heat, pressure, fluid flow, heat transfer as well as topics concerning quality control and unit operations. Provides operational experiences with valves, pumps, compressors, distillation towers, and other process equipment and instrumentation. (45-45)

**CPI 220 Process Measurement 3 Sem Hrs**

Prerequisite: CPI 210 with a grade of "C" or better. Provides an understanding of process measurement methods and the application of process instrumentation. Includes discussion of pressure measurements, temperature measurement, flow measurement, product level measurement, and analytical measurement. (45-0)

**CPI 230 Process Control 3 Sem Hrs**

Prerequisite: CPI 220 with a grade of "C" or better. Provides an introduction to basic process control concepts. Discusses controllers/control valves, instrument and process control, statistical process control (SPC), run and flow charts, quality systems, team concepts, and environmental health and safety issues. (45-0)

**CPI 240W Process Troubleshooting 3 Sem Hrs**

Prerequisite: CPI 250 with a grade of "C" or better. Provides problem solving skills used to maintain and monitor process equipment employing cause and effect analyses, case studies, analytical techniques, and laboratory simulations. Involves troubleshooting unit problems, maintaining, monitoring, and inspecting equipment, placing and/or removing equipment in service, and working with others who operate and maintain processes (maintenance technicians; laboratory technicians; and engineering, administrative and construction personnel). (30-30)

**CPI 245 Environmental Health, & Safety in Chemical Process Industry 3 Sem Hrs**

Prerequisite: Instructor permission required to register. Requires that the student has already earned a technical associate, bachelor or greater degree; military experience; over 8000 hours industrial experience; or a journeyman's card. Reviews the environmental health and safety procedures and standards in the chemical process industry. (30-15)

**CPI 250W Advanced Chemical Operations 4 Sem Hrs**

Prerequisites: CPI 230 with a grade of "C" or better. Provides hands-on simulations that demonstrate mechanical and measurement principles involved in the operation and control of chemical processes. Includes student/team operation of a process simulator under normal operating conditions as well as the operations of tanks, pumps, valves, heat transfer equipment, steam traps, filters, and process instrumentation. (45-30)

**CPI 260W Process Operations Management 4 Sem Hrs**

Prerequisite: CPI 240 and CPI 250 with a grade of "C" or better. Provides capstone experience for chemical process operation students/technicians. Focuses on demonstrated student skills in the use of control charts; P&ID's; verification of systems, units, and equipment; and development of critical values for SPC. Provides opportunity for students to present plans (including PSM and environmental management systems) and procedures for start-up and run, shut down operations, and present results of pilot project run. Emphasizes the value and function of the team in process operations as well as quality control, and environmental health and safety issues (45-45)

**CPI 270 Advanced Process Operations Lab 2 Sem Hrs**

Prerequisite: CPI 230, CPI 240, CPI 250 with a minimum grade of "C" or better. Concurrent enrollment with CPI 260 is recommended. Provides practical application of the skills required of an entry level chemical operator, including following Standard Operating Procedures, new process commissioning, equipment troubleshooting, preventative maintenance, Lock Out/Tag Out and Environmental, Health and Safety Compliance. (0-30)

**CPI 290-299 Special Projects in Chemical Process Industries Courses 1-4 Sem Hrs****Computer Science & Info Tech****CST 091 Beginning Computer Windows Concepts 1 Sem Hr**

Provides the terminology needed to become familiar with computer hardware and software. Provides a first exposure to the Windows Operating system in a hands-on setting focusing on file and folder management. Assists those who lack familiarity with computer technology. This course does not count towards graduation. Credit may be earned in CST 091 or CST 092, but not both. (15-3)

**CST 093 Beginning Internet Concepts 0.5 Sem Hr**

Presents the terminology needed to become familiar with the Internet. Provides a first exposure to the Internet in a hands-on setting. Assists those who lack familiarity with e-mail and searching the Web. Does not earn credit toward graduation. (7.5-1.5)

**CST 094 Beginning Computer Applications Concepts 0.5 Sem Hr**

Prerequisite: CST 091 or instructor permission. Presents the terminology needed to become familiar with office applications. Provides a first exposure to Microsoft Office applications in a hands-on setting. Assists those who lack familiarity with Word Processing, Spreadsheets, and Presentation Graphics. Does not earn credit toward graduation. (7.5-1.5)

**CST 103 Windows Foundations 1 Sem Hr**

Provides a basic introduction to the Microsoft Windows Operating System. Includes the creation of folders and use and review of the basic concepts of storage on floppy and hard disk. Introduces the basic features of Windows including menus, icons, dialog boxes, and the title and menu bars. Emphasizes the use of multi tasking. (15-0)

**CST 104 Microsoft Word Foundations 1 Sem Hr**

Prerequisite: OAT 170 Keyboarding with a "C" (2.0) grade minimum or equivalent touch typing and computer background. Introduces Microsoft Word software. Teaches how to create, format, save, retrieve, edit, and print documents. (15-0)

**CST 105 Outlook 1 Sem Hr**

Prerequisite: CST 103 or equivalent computer background. Introduces Microsoft Outlook and its e-mail, calendar, contacts, and tasks/notes components. Teaches how to send and receive e-mail, manage calendar activities, maintain contacts, and create tasks and notes. Also includes customization and integration of Outlook components. (15-0)

**CST 106 Internet Foundations 1 Sem Hr**

Develops skills to access and use the Internet emphasizing easy information retrieval. Introduces essential Internet areas such as E-Mail and the use of Graphical Web Browsers. Credit may be earned in only one of the following: CST 106, CPS 160, CIS 160 or CIS 161. (15-0)

**CST 107 Microsoft Publisher 1 Sem Hr**

Prerequisite: CST 104 Microsoft Word Foundations or OAT 171 Document Processing: Beginning or equivalent word processing background. Introduces the basics of using Microsoft Publisher to design and create publications for personal use and professional purposes. Teaches principles of publication design and layout, including formatting text, using graphic manipulation tools, applying color schemes and styles, and working with templates. (15-0)

**CST 110 Web Page Development Using HTML 1 Sem Hr**

Prerequisite: CST 103 or equivalent and e-mail and Internet skills. Develops skills to create and maintain a basic Web page using HTML. Includes text formatting, lists, graphics insertion, tables, and the use of links to other pages. (15-0)

**CST 115W e-Commerce Concepts 3 Sem Hrs**  
Provides an explanation of traditional commerce and e-commerce, which is doing business over the web. Describes an overview of the economic structures in which businesses operate and describe how electronic commerce fits into those structures. Includes a review of different Web-based tools, the software necessary, security concerns and strategies for Marketing, Sales and Promotion on the Web. (45-0)

**CST 120 PC Operating System Command Line Interface (DOS) 1 Sem Hr**  
Provides a basic introduction to Command Line Operating Systems Interface using the Disk Operating System (DOS) as an example. Includes basic commands and emphasizes commands for managing files and directories. Introduces basic features of managing and backing up a hard disk and surveys troubleshooting tools. Includes the creation and use of batch files. (15-0)

**CST 123 Windows Operating System 1 Sem Hr**  
Prerequisite: CST 103. Provides a continuing orientation to PC Operating Systems. Emphasizes the Windows Operating System features needed in the daily operation of microcomputers including customizing and managing the desktop, maintaining the system and backing up data. Includes the customizing of windows for increased productivity, creation of graphics and the concepts of Object Linking and Embedding. (15-0)

**CST 126 Unix/Linux Operating System 2 Sem Hrs**  
Provides a basic orientation to the Unix and Linux Operating Systems. Emphasizes how to create, display, copy and print files. Includes how to work with directories, and how to connect to the Internet. Credit may be earned in CST 126 or CIS 109, but not both (30-0)

**CST 128 PC Hardware Concepts and Troubleshooting 4 Sem Hrs**  
Prerequisite: Basic computer literacy. Uses hands-on experiences to examine the internal hardware components of IBM compatible computers with an emphasis on troubleshooting and repair. Discusses interaction of operating system and hardware in running application programs. Explores upgrading and optimizing computers to solve typical hardware and software problems. (60-0)

**CST 129 Mac OS Troubleshooting 2 Sem Hrs**  
Prerequisites: CST 126 and CST 128 with a grade of "C" or better. Provides a basic introduction to the MAC Operating Systems Interface using common features and functions. Includes basic commands and emphasizes commands for managing files and directory structure. Performs general maintenance, back-ups, and troubleshooting of MAC OS. Discusses function and structure of MAC OS. (30-0)

**CST 133W Computer Concepts & Competencies 4 Sem Hrs**  
Prepares the student for the on-going ethical, environmental, societal and global issues of technology. Presents computer concepts including input and output of data and how information is processed, stored, and shared. Examines the purpose of networks, their technologies, scopes, and connectivity issues. Gives major consideration to Internet technology and access emphasizing research, education, communication, e-commerce, and security. Provides an introduction to software engineering and the analysis and design of computer systems. Discusses computer platforms, architectures, and system software. Develops PC competencies and skills including file management, word processing, spreadsheets, presentation graphics, database, Internet, Web pages, and graphics. Credit may be earned in CST 133 or CIS 133, but not both. (60-0)

**CST 134 Micro Computers in Business Using MS Office 3 Sem Hrs**  
Surveys small computer systems used for personal, business, and industrial applications including hardware, software, and operating systems. Uses MS Office for word processing, spreadsheets, and database software as well as the evaluation and selection of systems. Credit may be earned in CST 134 or CIS 120, but not both. (45-0)

**CST 135 Help Desk Fundamentals 1 Sem Hr**  
Explores computer support processes and procedures that are used in business. Examines methods of communicating with users. Describes how service agreements are established with users. Defines problem solving procedures and methods to track and measure a problem until it is solved. (15-0)

**CST 146 Desktop Publishing 2 Sem Hrs**  
Prerequisite: OAT 170 or equivalent touch typing and computer background; and a thorough working knowledge of at least one word processing software package or equivalent. Provides an electronic tool to completely design a finished document. Emphasizes page design with text/graphics merging. Examines desktop publishing principles as well as pre-press operations. Analyzes similarities and differences between word processing and desktop publishing. Outside lab assignments are required. (30-0)

**CST 147 Presentation Graphics Using PowerPoint 2 Sem Hrs**  
Prerequisite: CST 103 or knowledge of the windows operating system. Develops beginning/intermediate skills in presentation and graphic layout for business and education presentations. Includes computer projection and creating of computer generated transparencies and handouts. Focuses on developing attractive, professional, effective, and well-timed visuals for different business settings using computer graphic presentation software. Credit may be earned in CST 147 or CIS 201 but not both. (30-0)

**CST 150W Information Security Policies, Procedures, and Fundamentals 3 Sem Hrs**  
Prerequisite: CST 170. Covers terminology; security systems development and implementation; and legal, ethical, and professional issues. Provides knowledge and experience to develop and maintain security policies and procedures. (30-15)

**CST 151 Spreadsheet Fundamentals 2 Sem Hrs**  
Prerequisite: CST 103 or Windows experience or permission of instructor. Surveys Microsoft Excel on the IBM PC including evaluation of spreadsheets, data base, graphics, report formatting and macros as applied to personal small business, and industrial settings. Credit may be earned in only one of the following: CST 151, CIS 132, CST 155, CIS 136. (30-0)

**CST 152 Implementing Network Security 3 Sem Hrs**  
Prerequisite: CST 150. Provides knowledge and the practical experience necessary to evaluate, implement, and manage secure information transferred over computer networks. Includes network security, intrusion detection, types of attacks, methods of attacks, security devices, basics of cryptography, and organizational security elements. (15-30)

**CST 153 Implementing Firewalls 3 Sem Hrs**  
Prerequisite: Instructor approval. Includes planning, designing, installing, and configuring Check Point firewalls that will allow key services while maintaining security. Includes protecting the internal IP services, configuring a firewall for remote access, and managing a firewall. (15-30)

**CST 154W Incident Response and Disaster Recovery 3 Sem Hrs**  
Prerequisites: CST 152 or CST 266. Includes implementing a plan to detect intruders, determine the damage caused, and discuss what precautions to use to avoid disasters and to recover from them when they do occur. (15-30)

**CST 155 Microsoft EXCEL 3 Sem Hrs**  
Presents EXCEL features using personal and business applications. Emphasizes features and techniques to develop solutions to spreadsheet problems. Includes evaluation of spreadsheets, data base, report formatting, and macros. Compares EXCEL with other electronic spreadsheets. Credit may be earned in only one of the following: CST 151, CIS 132, CST 155, or CIS 136. (45-0)

**CST 156 Implementing Wireless Security 3 Sem Hrs**  
Prerequisites: CST 153 or CST 154. Covers foundations of wireless security, wireless LAN vulnerabilities, passive wireless discovery, active wireless attacks, wireless security models, and enterprise wireless hardware security. Includes designing a secure wireless network, securing wireless authentication and transmission, managing the wireless network, writing wireless security policy, and managing operational support and wireless convergence. (15-30)

**CST 158 Network Intrusion Security Testing 3 Sem Hrs**  
Prerequisites: CST 153 and CST 154. Serves as a capstone for the Information Assurance track. Introduces security testing to protect networks and computers by using various tools to attempt entry into a network or computer. (15-30)

**CST 159 Introduction to Oracle Database Management 2 Sem Hrs**  
Explores relational database concepts and the architecture of a client-server database. Uses Oracle SQL commands to create and manage database tables and records. Introduces use of Oracle utilities. (30-0)

**CST 161 Networking Fundamentals 3 Sem Hrs**  
Prerequisites: CST 133W is recommended. Covers concepts, architectures, standards, protocols, designs and media of data communications and network technology. (30-15)

**CST 162 Introduction to Novell Network Administration 2 Sem Hrs**  
Prerequisite: CST 161. Introduces Novell NetWare. Covers installing NetWare, adding and deleting users, working with Novell Directory Services, setting up network printers, and maintaining security. (30-0)

**CST 163 Introduction to Windows Network Administration 2 Sem Hrs**  
Prerequisite: CST 161. Introduces Microsoft Windows Networking. Covers installing Microsoft Windows, adding and deleting users, working with Active Directory, setting up network printers, and maintaining security. (30-0)

**CST 164 LAN Switching and Wireless 3 Sem Hrs**  
Prerequisite: CST 161. Introduces concepts and terminology associated with Cisco networks and routers. Configures a basic Cisco internetwork. Manages and troubleshoots Cisco routers on an internetwork. (30-15)

**CST 165 Linux Networking I 3 Sem Hrs**  
Prerequisite: CST 126 and CST 161. Introduces Linux as a network operating system. Covers installing Linux, configuring a simple file server, and administering basic network administration tasks with command-line and graphical user interface tools. (45-0)

**CST 170 Principles of Computer Programming I 1 Sem Hr**  
Introduces fundamental concepts and techniques used to design computer programs. Includes problem definition, algorithm development, and program documentation. A programming language will be used to implement the design concepts. (15-0)

**CST 171 Visual BASIC Programming I 2 Sem Hrs**  
Prerequisite: CST 170 with a grade of "C" or better. Introduces Visual Basic as a first class for Micro Computer programmers. Uses BASIC commands in a Windows environment. Emphasizes implementation of objects and event driven code. Presents screen design and MicroSoft Visual Basic controls. Includes structured programming principles including internal and external program documentation; sequence, selection, and iteration constructs; and modular programming. (30-0)

**CST 177 Principles of Computer Programming II 1 Sem Hr**  
Prerequisite: CST 170. Uses programmer tools to design, develop the logic, and document programs. VTOCs (Visual Table of Contents), flowcharts, state transition diagrams will be used. Emphasizes logic walk throughs and team development. Credit may be earned in CST 177 (formerly CST 270) or CIS 130, but not both. (15-0)

**CST 180 C++ Programming 4 Sem Hrs**  
Prerequisite: MATH LEVEL 5 and CST 177 or permission of instructor. Uses the C++ language to introduce software development principles. Develops solutions to computing problems through algorithm design, development, implementation, and testing. Includes control structures, arrays, files, strings, pointers, and fundamental object-oriented programming. Credit may be earned in only one of the following: CST 180, CST 181, CIS 170, CPS 170, or EGR 170. (60-0)

**CST 183 Java Programming 3 Sem Hrs**  
Prerequisites: CST 180 or instructor permission. Introduces the Java programming language with applications and applets. Emphasizes Java classes and object-oriented programming concepts. Includes control structures, string handling, arrays, graphics, files, and use of graphical user interface components. Introduces exception handling, multimedia, and multithreading. Credit may be earned in only one of the following: CST 183, CIS 180 or CPS 180. (45-0)

**CST 186 Introduction to Game Programming 2 Sem Hrs**  
Prerequisite: CST 170 with "C" or better. Introduces principles of game and simulation programming through hands-on creation of simple games. Explores text-based and graphics-based game development through algorithm design, development, implementation, testing, and documentation. Incorporates text, graphics, sound, and animations in game design. Includes Top-Down Design, Object Oriented Programming, simple physics, basic Artificial Intelligence, and game engines. (30-0)

**CST 204 Microsoft Word: Intermediate 2 Sem Hrs**  
Prerequisite: CST 104 or CST 134. Develops further the practical working knowledge of Microsoft Word software. Refines formatting and focuses on page layout and design. (30-0)

**CST 210 Advanced Web Page Development 2 Sem Hrs**  
Prerequisite: CST 110, CIS 160, CPS 160, CIS 161 or equivalent basic HTML web page knowledge. Focuses on concepts and tools for building web pages beyond basic HTML. Includes introductions to frames, forms, stylesheets, image maps, and managing differences in current web browsers. Introduces web page scripting and server interactions. Discusses Internet issues including ethics, etiquette, accessibility and security. (30-0)

**CST 214 JavaScript Programming 2 Sem Hrs**  
Prerequisite: CST 170 and CST 210, or equivalent HTML and programming experience. Introduces the JavaScript scripting language for web page enhancement. Includes JavaScript programming elements, forms and graphical user interface, managing windows, controlling links and location, and working with images, plug-ins, and documents. Credit may be earned in CST 214 or CST 114 but not in both. (30-0)

**CST 216 Web Site Management 3 Sem Hrs**  
Prerequisites: CST 110 or CIS 160 or CPS 160, and ART 171 or equivalent experience. Explores the design and management of web sites using a variety of software applications. Uses hands-on experiences to create advanced web pages including hyperlinks, lists, tables, frames, forms, graphics, and special effects. (45-0)

**CST 217 Web Server Programming 3 Sem Hrs**  
Prerequisite: CST 214 and CST 216; or equivalent web development experience. Introduces web server programming for processing user interactions with an Internet server. Focuses on processing web page form information, dynamically creating web pages, executing data-driven applications on a Web server, and performing various interactions with a Web user. (45-0)

**CST 219W Web Site Deployment 2 Sem Hrs**  
Prerequisite: CST 217. Provides capstone experience for development of a complete web site for realistic client needs. Includes determination of requirements and web system design from an actual or hypothetical client. Includes deployment of a web site with a well-defined home page, multiple content pages, required graphics, forms, and server database interaction. (0-30)

**CST 228 Advanced PC Troubleshooting (A+) 4 Sem Hrs**  
Prerequisite: Basic computer literacy and/or instructor permission. Covers common and advanced Microsoft Windows interface troubleshooting problems and techniques for solving them. Discusses function and structure of Microsoft Windows environment for managing files and directories; installing, configuring, customizing, and upgrading Windows environment and navigating through the operating system to access and retrieve information. Reviews Internet access concepts and setup. (60-0)

**CST 235 Systems Analysis and Design 3 Sem Hrs**  
Prerequisite: CST 133 or CIS 133, and CST 170 or CIS 130, 1 semester of accounting, and a programming language course. Includes study of data processing systems and procedures involving analysis of various existing data processing applications in business and industry. Includes a study of integrated or total management information and data processing systems. Emphasis is given to developing detailed procedures in various areas of management. Designed to study the three phases: Analysis of present information flow; system specification and equipment; implementation and documentation of the system. Credit may be earned in CST 235 or CIS 235, but not both. (45-0)

**CST 257 Database MS Access 3 Sem Hrs**  
Prerequisite: Any microcomputer class. Emphasizes the advantages of database processing, modeling, and design. Discusses design concepts from the standpoint of the user. Uses MicroSoft ACCESS. Credit may be earned in CST 257 or CIS 260, but not both. (45-0)

**CST 258 Introduction to Structured Query Language 1 Sem Hr**  
Prerequisite: CST 257. Examines SQL (Structured Query Language) which is the standard database language. Creates, updates, and retrieves information from relational databases. (15-0)

**CST 259 Advanced Oracle Database Management 3 Sem Hrs**  
Prerequisite: CST 159. Creates PL/SQL programs and named program units that are stored in the database and in the workstation file system. Creates integrated database applications with Oracle utilities. Develops project applications for databases with large data sets. Uses the object-oriented features in Form Builder to create reusable form objects. (45-0)

**CST 260 Routing Protocols and Concepts 3 Sem Hrs**  
Prerequisite: CST 161. Discusses the protocol suite of TCP/IP (Transmission Control Protocol/Internet Protocol). Defines and manages IP addresses. Configures a TCP/IP network. Investigates network management tools. (30-15)

**CST 262 Advanced Novell Networking 3 Sem Hrs**  
Prerequisite: CST 162. Configures various types of servers. Defines and configures the NetWare graphical user interface. Administers NetWare Storage Services, NetWare Memory Management, and Novell Directory Services. (45-0)

**CST 263 Advanced Microsoft Networking 3 Sem Hrs**  
Prerequisites: CST 161 and CST 163. Manages data storage, shared resources, and access rights. Manages and troubleshoots the network infrastructure, servers, client computers, and active directory objects. Manages software and security policies. (45-0)

**CST 264 Accessing the WAN 3 Sem Hrs**  
Prerequisite: CST 164, and CST 260. Introduces the physical and data-link layer configuration tasks. Configures various types of protocols. Manages advanced Cisco internetworks. (30-15)

**CST 265 Linux Networking II 3 Sem Hrs**  
Prerequisite: CST 165. Covers configuring different types of servers, administering advanced network administration tasks with command-line and graphical user interface tools, printing, and troubleshooting. (45-0)

**CST 266 Information Security 4 Sem Hrs**  
Prerequisites: CST 262 or 263 or 264 or 265; CST 260. Analyzes, designs, defines, and troubleshoots security policies and procedures to maintain information integrity, confidentiality and availability. (60-0)

**CST 267 Introduction to Computer Forensics 3 Sem Hrs**  
Prerequisite: CST 266. Provides a comprehensive understanding of computer forensics and electronic discovery along with associated investigation tools and techniques. Explores computer forensic theory and focuses various forensic skills used in the Information Security profession (45-0).

**CST 268W Special Topics in PC Support 2 Sem Hrs**  
Prerequisites: CST 128 & CST 228. Serves as the capstone course in the PC Support segment of the PC Systems Support & Technology program certificate and/or degree. Provides practical experience in PC Support through hands-on assessments drawing on learning gained in previous PC Systems Support courses. Focuses on PC hardware, software, network/security procedures, and communication skills including practice tests to help prepare for A+ certification/test. (15-15)

**CST 269 Cisco Security 3 Sem Hrs**  
Prerequisite: CST 161, 164, and 260. Introduces core security concepts and skills needed for the installation, troubleshooting, and monitoring of network devices to maintain the integrity, confidentiality, and availability of data and services. Stresses Command Line Interface (CLI) for securing Cisco equipment. Provides an in-depth, theoretical understanding of Cisco security in a logical sequence driven by technology. (15-30)

**CST 271 Visual Basic Programming II 3 Sem Hrs**  
Prerequisites: CST 171. Writes programs in a Windows environment using Visual Basic to design custom user interfaces with menus and dialogue boxes. Set up menus, create functions, and create executable files. Includes multiple forms, arrays, object linking and embedding, sequential and random data files, databases, and trapping programming errors. (45-0)

**CST 273 MS Applications Using Visual BASIC 2 Sem Hrs**  
Prerequisite: CST 171 or CIS 140. Emphasizes writing advanced applications in the windows environment using visual basic. Discusses linking to other windows applications, manipulating databases, and handling run-time errors. Includes creating user-friendly executable applications. Credit may be earned in CST 273 or CIS 241, but not both. (30-0)

**CST 280 Advanced C++ Programming 4 Sem Hrs**  
Prerequisite: One of the following: CST 180, CST 181, CIS 170, CPS 170, EGR 170 or CPS 171. Introduces data structures and object-oriented programming. Includes array processing, sorting and searching algorithms, and pointer variables, and recursive programming. Studies data storage and retrieval using lists, stacks, queues, and trees. Utilizes object oriented programming methods including classes, composition, and inheritance. Credit may be earned in CST 280, or CST 281 and CST 282 combined, but not in more than one. (60-0)

**CST 290-299 Special Projects in Computer Science and Information Technology**

**CST 392 Instructional Technology for Educators 3 Sem Hrs**  
Introduces software and internet applications technology for educators. Includes effective use of the Internet with e-mail, web usage and searching. Introduces tools for creation and modification of web pages. Includes various applications and techniques useful for teachers including presentation software, scanning and capturing graphics, spreadsheets, and classroom management tools. (45-0)

## Chemical Technology

**CT 100 Introduction To Chemical Technology 2 Sem Hrs**  
Provides overview of Chemical Process Industries and Chemical Technology with focus on the role of the process operator and the chemical technician. Introduces concepts of safety, regulation, laws affecting the job and the industry, and quality control. Includes study skills and attitudes necessary for study of science/technology as well as means of continuing professional and personal growth. Credit may be earned in CT 100 or CPI 110 but not both. (30-0)

**CT 290-299 Special Projects in Chemical Technology**

## Dental Assisting

**DA 106W Infection Control 1 Sem Hr**  
Prerequisites: BIO 140 or BIO 152 and BIO 153; any approved College Composition I; and any COM 112 or COM 114, with a "C" (2.0) or better in each. Concurrent enrollment in DA 110, DA 110 LW, and DA 114W. Introduces principles of the control of infectious diseases in the dental environment. Presents OSHA, MIOSHA, Hazard Control, and Delta College Infection Control Protocol. Introduces basic microbiology. (15-0)

**DA 110 Clinical Dental Assisting 3 Sem Hrs**  
Prerequisites: BIO 140 or BIO 152 and BIO 153; any approved College Composition I; and COM 112 or COM 114, with a "C" (2.0) or better in each. Concurrent enrollment in DA 106W, DA 110LW, and DA 114W. Provides the opportunity to explore the skills and knowledge for general chairside clinical procedures. (45-0)

**DA 110LW Clinical Dental Assisting I Lab 4 Sem Hrs**  
Prerequisites: BIO 140 or BIO 152 and BIO 153; any approved College Composition I; and COM 112 or COM 114, with a "C" (2.0) or better in each. Corequisites: DA 106W, DA 110, and DA 114W. Provides the opportunity for application of clinical techniques. Implements OSHA's practical skills. (0-120)

**DA 113W Oral Anatomy & Physiology 4 Sem Hrs**  
Prerequisites: BIO 140 or BIO 152 and BIO 153; any approved College Composition I; and COM 112 or COM 114, with a "C" (2.0) or better in each. Concurrent enrollment in DA 117W. Introduces basic structures and physiology of the oral cavity, head, and neck. Includes oral histology, embryology, and pathology related to the development of the dental structure. (60-0)

**DA 114W Dental Materials I 2 Sem Hrs**  
Prerequisites: BIO 140 or BIO 152 and BIO 153; any approved College Composition I, and COM 112 or COM 114, with a "C" (2.0) or better in each. Concurrent enrollment in DA 106W, DA 110, and DA 110LW. Presents theory, properties, manipulation, and hazard management of dental material to include cements, liners, amalgam, and resins. (30-0)

**DA 117W Dental Health and Nutrition 1 Sem Hr**  
Prerequisites: BIO 140 or BIO 152 and BIO 153; any approved College Composition I; and COM 112 or COM 114, with a "C" (2.0) or better in each. Concurrent enrollment in 113W. Emphasizes oral hygiene, general and applied nutrition, as well as patient motivation techniques. Dental health projects required. (15-0)

**DA 120 Clinical Dental Assisting II 3 Sem Hrs**  
Prerequisites: DA 106W, DA 110, DA 110LW, DA 113W, DA 114W, DA 117W, and HSC 140 with a "C" (2.0) minimum grade in each. Concurrent enrollment in DA 120LW, DA 121W, DA 125W, and DA 125LW. Provides the knowledge for additional application of dental techniques to include dental specialties. (45-0)

**DA 120LW Clinical Dental Assisting II Lab 4 Sem Hrs**  
Prerequisites: DA 106W, DA 110, DA 110LW, DA 113W, DA 114W, DA 117W, and HSC 140 with a "C" (2.0) minimum grade in each. Concurrent enrollment in DA 120, DA 121W, DA 125W, and DA 125LW. Provides opportunity for additional application of dental techniques to include dental specialties. (0-120)

**DA 121W Clinical Practice 4 Sem Hrs**  
Prerequisites: DA 106W, DA 110, DA 110LW, DA 113W, DA 114W, DA 117W, and HSC 140 with a "C" (2.0) minimum grade in each. Concurrent enrollment in DA 120, DA 120LW, DA 125W, and DA 125LW. Provides the opportunity to apply practical skills in a clinical setting. Requires assignments in off-campus facilities and dental hygiene clinics. (0-60)

**DA 123LW Dental Radiology Lab 2 Sem Hrs**  
Prerequisites: DA 113W, DA 117W, and HSC 140 with a "C" (2.0) minimum grade in each. Concurrent enrollment in DA 123W. Provides laboratory practice in the application of commonly used dental radiographic procedures utilizing mannequins and clinic patients. (0-60)

**DA 123W Dental Radiology 2 Sem Hrs**  
Prerequisites: DA 113W, DA 117W, and HSC 140 with a "C" (2.0) minimum grade in each. Concurrent enrollment in DA 123LW. Introduces the principles of radiation physics, factors affecting radiographic images, biological effects of radiation, and the protective measures necessary in dental radiation (30-0)

**DA 125LW Dental Materials II Lab 2 Sem Hrs**  
Prerequisites: DA 106W, DA 110, DA 110LW, DA 113W, DA 114W, DA 117W, and HSC 140 with a "C" (2.0) minimum grade in each. Concurrent enrollment in DA 120, DA 120LW, DA 121W, and DA 125W. Introduces the manipulation of indirect and adjunct restorative procedures. (0-60)

**DA 125W Dental Materials II 2 Sem Hrs**  
Prerequisites: DA 106W, DA 110, DA 110LW, DA 113W, DA 114W, DA 117W, and HSC 140 with a "C" (2.0) minimum grade in each. Concurrent enrollment in DA 120, DA 120LW, DA 121W, and DA 125LW. Introduces the theory of indirect and adjunct restorative procedures. (30-0)

**DA 129W Dental Office Management 3 Sem Hrs**  
Prerequisite: DA 123 and DA 123L with a "C" (2.0) minimum grade. Emphasizes fundamental office skills in managing patient and business records, handling the telephone and visitors, controlling the appointment book, and processing dental claim forms. Includes basic financial procedures and computer use. (45-0)

**DA 130W Dental Assisting Internship 6 Sem Hrs**  
Prerequisite: DA 120 and DA 120LW with a minimum "C" (2.0) grade in each. Concurrent enrollment in DA 133. Provides the opportunity to perform chairside assisting techniques, laboratory procedures, and dental office management skills while under direct supervision. Assignments will be made to dental care facilities. (0-260)

**DA 131LW RDA Exam Prep Lab 4 Sem Hrs**  
Prerequisites: DA 120, DA 120LW, DA 121W, DA 123W, DA 123LW, DA 125W and DA 125LW with a "C" (2.0) minimum grade. Concurrent enrollment in DA 131W. Provides continual dental procedure knowledge and skill development needed to perform expanded functions as permitted by State of Michigan mock clinical exam. (0-80)

**DA 131W RDA Exam Prep 1 Sem Hr**  
Prerequisites: DA 120, DA 120LW, DA 121W, DA 123W, DA 123LW, DA 125W, and DA 125LW with a "C" (2.0) minimum grade in each. Concurrent enrollment in DA 131LW. Provides continual dental procedure knowledge and skill development needed to perform expanded functions as permitted by State of Michigan RDA mock written exam. (15-0)

**DA 133W Dental Assisting Internship Seminar 1 Sem Hr**  
Prerequisite: DA 120 and DA 120LW with a minimum "C" (2.0) grade in each. Concurrent enrollment in DA 130. Provides opportunities to share internship experiences and future educational goals. Develops resume writing and job seeking skills. (15-0)

**DA 290-299 Special Projects in Dental Assisting**

## Dental Hygiene

### **DH 100**      **Dental Hygiene Profession**      **1 Sem Hr**

Provides overview of the Dental Hygiene Profession including the history and organizational structure of the American Dental Hygiene Association, and the ethical/legal aspects of the profession. Required dental office observation required. (15-0)

### **DH 101**      **Dental Anatomy I**      **2 Sem Hrs**

Examines terminology of dental anatomy, morphology of the human dentitions and occlusion. (30-0)

### **DH 110**      **Dental Infection Control**      **2 Sem Hrs**

Prerequisite: Current validation for Dental Hygiene Program. Presents theory and application of procedures and skills necessary to control transmissible diseases. Provides opportunities to practice Universal Precautions for the patient, professional, environment, and facilities. (15-30)

### **DH 111**      **Oral Examinations**      **1 Sem Hr**

Prerequisite: DH 100 and 101 each with a C (2.0) minimum grade and admission to the Dental Hygiene Program. Provides opportunity to practice skills necessary to perform dental charting and oral cancer examinations. Examines the various parts of dental appliances. (0-30)

### **DH 112**      **Medical Assessment/Emergencies**      **2 Sem Hrs**

Prerequisites: DH 100 and 101 each with a C (2.0) minimum grade, current HCP CPR certification and admission to the Dental Hygiene Program. Provides the opportunity to practice assessment, identification, and dental hygiene treatment protocol of septicemic emergencies which may occur in treating the dental patient. (15-30)

### **DH 114**      **Oral Health**      **2 Sem Hrs**

Prerequisites: DH 100 and 101, each with a C (2.0) minimum grade and admission to the Dental Hygiene Program. Presents theory of the characteristics, origin, and development of fluoride, dentifrices, mouthwashes, and deposits that affect the tooth surface. Emphasizes toothbrushing, auxiliary aids, dental appliances, care of pre/post surgical and oral cancer patients. (15-45)

### **DH 115**      **Clinical Techniques**      **5 Sem Hrs**

Prerequisites: DH 100 and 101 each with a C (2.0) minimum grade and admission to the Dental Hygiene Program. Presents theory and application of various periodontal instruments, plaque and stain removal and instrument sharpening skills that are necessary for proper use in the dental hygiene diagnostic and therapeutic services. Emphasizes proper documentation of findings. (45-90)

### **DH 116**      **Preventive Nutrition**      **3 Sem Hrs**

Prerequisites: DH 100 and 101, each with a C (2.0) minimum grade and admission to the Dental Hygiene Program. Provides theory of foods, essential nutrients and their effects on general health as well as oral health. Emphasizes nutrition in dentistry for the dental hygienist in prevention and health promotion. (45-0)

### **DH 118**      **Head and Neck Anatomy**      **3 Sem Hrs**

Prerequisites: DH 100 and 101, each with a C (2.0) minimum grade and admission to the Dental Hygiene Program. Presents anatomy of the human head and neck and surrounding structures. Emphasizes basic anatomical terminology, landmarks, and a complete description of the skeletal, muscular, lymphatic, vascular, and innervation systems. (30-45)

### **DH 120**      **Periodontics I**      **3 Sem Hrs**

Prerequisites: DH 110, 111, 112, 114, 115, 116, and 118 each with a C (2.0) minimum grade. Provides the opportunity to study the biology of the periodontium, etiology, epidemiology, pathology, and treatment of periodontal diseases. (45-0)

### **DH 121**      **Dental Hygiene Seminar I**      **2 Sem Hrs**

Prerequisites: DH 110, DH 111, DH 112, DH 114, DH 115, DH 116, and DH 118 each with a C (2.0) minimum grade. Introduces fundamentals of treatment planning, recall systems, documentation, patient management, and communication with diverse patient populations. (30-0)

### **DH 122**      **Oral Histology and Embryology**      **3 Sem Hrs**

Prerequisites: DH 110, 111, 112, 114, 115, 116, and 118 each with a C (2.0) minimum grade. Provides theory of the embryological development of the oral cavity and identification and classifications of normal and abnormal conditions of the oral cavity and supporting structures. Includes microscopic study of the histology of the human dentition and the surrounding supporting structures. (45-0)

### **DH 123**      **Dental Radiography**      **2 Sem Hrs**

Prerequisites: DH 110, 111, 112, 114, 115, 116, and 118 each with a C (2.0) minimum grade. Presents theory of characteristics of radiation, components and functions of x-ray equipment, x-ray production, radiation biology and safety as well as processing and technical errors. (30-0)

### **DH 123L**      **Dental Radiography Lab**      **1 Sem Hr**

Prerequisites: DH 110, 111, 112, 114, 115, 116, and 118 each with a C (2.0) minimum grade. Introduces the techniques of exposing, processing, and mounting dental radiographs, as well as radiographic interpretation. (0-45)

### **DH 124**      **Pharmacology for Dental Hygiene**      **2 Sem Hrs**

Prerequisites: DH 110, DH 111, DH 112, DH 114, DH 115, DH 116, and DH 118 each with a C (2.0) minimum grade. Concurrent enrollment in DH 120, DH 121, DH 122, DH 123, DH 123L, DH 125, and LW 206A. Provides introduction to drugs and anesthetic agents commonly used in the dental practice. Includes origin, physical and chemical properties, methods of administration, and biological effects on the various body systems. (30-0)

### **DH 125**      **Clinical Dental Hygiene I**      **4 Sem Hrs**

Prerequisites: DH 110, DH 111, DH 112, DH 114, DH 115, DH 116, and DH 118 (each with a minimum "C" grade). Concurrent enrollment in DH 120, DH 121, DH 122, DH 123, DH 123L, DH 124, and LW 206A. Provides the opportunity to implement basic treatment skills with clinic patients. (15-120)

### **DH 130**      **Management of Dental Pain and Anxiety in the Dental Office**      **3 Sem Hrs**

Prerequisites: DH 120, DH 121, DH 122, DH 123, DH 123L, DH 125, and LW 206A with a minimum "C" (2.0) grade in each. Concurrent enrollment in DH 131, DH 135, LW 206B, and continued enrollment in DH 124. Provides the knowledge and practice to administer local anesthesia and nitrous oxide/oxygen sedation in a safe and effective manner. Provides the opportunity to perform various local anesthetic injection techniques and administer nitrous oxide and oxygen to achieve conscious sedation at a clinical level of competency. (30-30)

### **DH 131**      **Dental Hygiene Seminar II**      **1 Sem Hr**

Prerequisites: DH 120, DH 121, DH 122, DH 123, DH 123L, DH 125, and LW 206A each with a C (2.0) minimum grade. Concurrent enrollment in DH 130, DH 135, LW 206B, and continued enrollment in DH 124. Emphasizes the study of techniques and philosophies of treating patients with special needs. (15-0)

### **DH 135**      **Clinical Dental Hygiene II**      **3 Sem Hrs**

Prerequisites: DH 120, DH 121, DH 122, DH 123, DH 123L, DH 125, and LW 206A, each with a "C" (2.0) minimum grade. Concurrent enrollment in DH 130, DH 131, LW 206B, and continued enrollment in DH 124. Provides the opportunity to practice and increase the students' proficiency skill levels from previous Dental Hygiene courses. (7.5-90)

**DH 210W Periodontics II 2 Sem Hrs**  
Prerequisites: DH 130, DH 131, DH 135, and LW 206B, each with a "C" (2.0) minimum grade. Concurrent enrollment in DH 213, DH 214W, DH 215, DH 216W, and DH 219. Provides the opportunity for assessment, documentation, and treatment with pain management of the periodontal patient and to demonstrate ultrasonic scaling, root debridement, planing, and irrigation. (15-45)

**DH 213 Oral Pathology 3 Sem Hrs**  
Prerequisites: DH 130, DH 131, DH 135 and LW 206B each with a "C" (2.0) minimum grade. Concurrent enrollment in DH 210, DH 214, DH 215, DH 216 and DH 219. Introduces the process, identification, and classification of oral diseases. Emphasizes the prevention of the diseases with the scope of responsibility and practice of the dental hygienist. (45-0)

**DH 214W Dental Materials 4 Sem Hrs**  
Prerequisites: DH 130, DH 131, DH 135 and LWA 206B each with a "C" (2.0) minimum grade. Concurrent enrollment in DH 210, DH 213, DH 215, DH 216 and DH 219. Presents theory and clinical application related to properties and manipulation of dental materials and devices used in dental procedures. (45-45)

**DH 215 Clinical Dental Hygiene III 6 Sem Hrs**  
Prerequisites: DH 130, DH 131, DH 135, and LWA 206B, each with a "C" (2.0) minimum grade. Concurrent enrollment in DH 210, DH 213, DH 214, DH 216, and DH 219. Provides the opportunity to practice and increase the students' proficiency skill levels of advanced instruments from previous Dental Hygiene courses. (15-180)

**DH 216W Community Dentistry I 2 Sem Hrs**  
Prerequisites: DH 130, DH 131, DH 135 and LWA 206B each with a "C" (2.0) minimum grade. Concurrent enrollment in DH 210, DH 213, DH 214, DH 215, and DH 219. Provides theoretical base for assessing, designing, implementing, and evaluating dental health improvement programs. (30-0)

**DH 219W Case Study Documentation I .5 Sem Hr**  
Prerequisites: DH 130, DH 131, DH 135, LWA 206B each with a "C" (2.0) minimum grade. Corequisites: DH 210, DH 213, DH 214, DH 215, DH 216. Provides an opportunity to identify the steps and begin using the process of case documentation for dental patients' conditions and treatment. (7.5-0)

**DH 222W Case Study Documentation II 1.5 Sem Hrs**  
Prerequisites: DH 210, DH 213, DH 214, DH 215, DH 216, and DH 219 each with a "C" (2.0) minimum grade. Corequisites: DH 225, DH 227, DH 228, DH 229, and LWA 206C. Provides further opportunity to present specific case documentation on dental patients' conditions/treatments. (22.5-0)

**DH 225 Clinical Dental Hygiene IV 6 Sem Hrs**  
Prerequisites: DH 210, DH 213, DH 214, DH 215, DH 216, and DH 219 each with a "C" (2.0) minimum grade. Concurrent enrollment in DH 222, DH 227, DH 228, DH 229, and LWA 206C. Provides the opportunity to perfect dental hygiene skills learned in all previous dental hygiene courses and learn advanced instrumentation skills as well as application of pit and fissure sealants. (15-180)

**DH 227W Community Dentistry II 1 Sem Hr**  
Prerequisites: DH 210, DH 213, DH 214, DH 215, DH 216 and DH 219, each with a "C" (2.0) minimum grade. Concurrent Enrollment in DH 222, DH 225, DH 228, DH 229 and LWA 206C. Provides opportunity for assessment of dental health needs for target populations. Includes design, implementation, and evaluation of dental health improvement programs in non-traditional settings. Evening, weekend, and holiday assignments may be required. (0-45)

**DH 228 Dental Hygiene Seminar III 1 Sem Hr**  
Prerequisites: DH 210, DH 213, DH 214, DH 215, DH 216 and DH 219 each with a "C" (2.0) minimum grade. Concurrent Enrollment in DH 222, DH 225, DH 227, DH 229 and LWA 206C. Provides theory and techniques of treating patients with chemical dependencies and special needs. Includes the coordination of treatment phases of the AIDS patient. (15-0)

**DH 229 Seminar on Practical Exam 2 Sem Hrs**  
Prerequisites: DH 210, DH 213, DH 214, DH 215, DH 216, and DH 219 with a minimum grade of "C" (2.0). Concurrent enrollment in DH 222, DH 225, DH 227, DH 228, and LWA 206C. Provides strategies and opportunities to practice skills to enhance success in licensure exams, position searches, and private practice. (15-30)

**DH 290-299 Special Projects in Dental Hygiene Sem Hr**

## Diagnostic Medical Sonography

**DMS 100 Patient Care and Management 2 Sem Hrs**  
Prerequisite: Must be accepted into the DMS program or have consent of instructor. Concurrent enrollment in DMS 105. Develops knowledge and skills in basic concepts of patient care. Includes emergency care procedures, infection control, patient safety and transfers, communication, and patient education. (30-0)

**DMS 101W Introduction to Sonography 2 Sem Hrs**  
Prerequisite: DMS 100 and DMS 105W with a "B" (3.0) grade or better. Concurrent enrollment in DMS 103, DMS 104, DMS 106, and LW 206A, with continued enrollment in DMS 105. Introduces various aspects of sonography and health care including terminology, legal and ethical issues, patient care, film presentation, imaging modalities, and human reproduction and embryology. (30-0)

**DMS 103 Introduction to Abdominal Sonography 3 Sem Hrs**  
Prerequisite: DMS 100 and DMS 105W with a "B" (3.0) grade or better. Concurrent enrollment in DMS 101, DMS 104, DMS 106, and LW 206A, with continued enrollment in DMS 105. Studies basic anatomy and physiology relating to abdominal sonography. Teaches proper scanning techniques and protocols for identifying normal and abnormal sonographic patterns. Discusses clinical signs and symptoms, along with interpretation of clinical lab tests. (45-0)

**DMS 104 Introduction to OB/GYN Sonography 2 Sem Hrs**  
Prerequisite: DMS 100 and DMS 105W with a "B" (3.0) grade or better. Concurrent enrollment in DMS 101 DMS 103, DMS 105, DMS 106, and LW 206A. Discusses various aspects of OB/GYN sonography. Studies normal sectional anatomy and development, fetal assessment, normal and abnormal sonographic patterns, along with techniques and protocols. (30-0)

**DMS 105W Ultrasound Physics and Instrumentation I 2 Sem Hrs**  
Prerequisite: Must be accepted into the DMS program or have consent of instructor. Concurrent enrollment in DMS 100. Introduces the basic acoustic physics including a history of instrumentation, ultrasonic propagation principles, transducer parameters, and basic equipment types. (30-0)

**DMS 106W Ultrasound Scanning 4 Sem Hrs**  
Prerequisite: DMS 100, and DMS 107 with a "B" (3.0) grade or better. Concurrent enrollment in DMS 101, DMS 103, DMS 104, and LW 206A, with continued enrollment in DMS 105. Provides hands on experience in sonographic imaging. Teaches basic operations of the ultrasound machine along with transducer orientation. Includes an overview of abdominal and pelvis imaging, scan plane recognition, and basic imaging concepts. (75-0)

**DMS 107 Introduction to Ultrasound Scanning 1 Sem Hr**  
Must be accepted into the DMS program. Concurrent enrollment in DMS 100 and DMS 105W. Provides an introduction to sonographic imaging. Teaches basic operations of the ultrasound machine along with transducer orientation and imaging scan planes. (15-0)

**DMS 107L Introduction to Ultrasound Scanning Lab****1 Sem Hr**

Must be accepted into the DMS program. Concurrent enrollment in DMS 100 and DMS 105W. Provides an introduction to sonographic imaging. Teaches basic operations of the ultrasound machine along with transducer orientation and imaging scan planes. (0-15)

**DMS 112 Small Parts Sonography****1 Sem Hr**

Prerequisites: DMS 101, DMS 103, DMS 104, and DMS 106 with a "B" (3.0) grade or better and LW 206A with a "C" (2.0) minimum grade. Concurrent enrollment in DMS 113, DMS 114, DMS 115, DMS 116, DMS 117, and LW 206B. Covers the fundamentals of superficial parts sonography. Presents basic small parts anatomy, as well as proper scanning techniques and protocols for identifying normal and abnormal sonographic patterns. (15-0)

**DMS 113 Advanced Abdominal Sonography****1 Sem Hr**

Prerequisites: DMS 101, DMS 103, DMS 104, and DMS 106 with a "B" (3.0) or better and LW 206A with a "C" (2.0) minimum grade. Concurrent enrollment in DMS 112, DMS 114, DMS 115, DMS 116, DMS 117, and LW 206B. Presents pathology and disease processes, normal and abnormal sonographic patterns, clinical correlation, and differential diagnosis of the abdominal cavity. (15-0)

**DMS 114 Advanced OB/GYN Sonography****2 Sem Hrs**

Prerequisites: DMS 101, DMS 103, DMS 104, and DMS 106, all with a "B" (3.0) minimum grade, and LW 206A with a "C" (2.0) minimum grade. Concurrent enrollment in DMS 112, DMS 113, DMS 115, DMS 116, DMS 117, and LW 206B. Presents pathology and disease processes, normal and abnormal sonographic patterns, clinical correlation, and differential diagnosis of the obstetrical and gynecologic patient. (30-0)

**DMS 115 Ultrasound Physics and Instrumentation II****2 Sem Hrs**

Prerequisites: DMS 101, DMS 103, DMS 104, and DMS 106, all with a "B" (3.0) minimum grade and LW 206A with a "C" (2.0) minimum grade. Concurrent enrollment in DMS 112, DMS 113, DMS 114, DMS 116, DMS 117, and LW 206B. Presents the fundamentals of doppler ultrasound, scanning artifacts, quality assurance, and biologic effects, and safety. Includes an overview of the components of an ultrasound system. (30-0)

**DMS 116W Clinical Seminar I****.5 Sem Hr**

Prerequisites: DMS 101, DMS 103, DMS 104, and DMS 106 all with a "B" (3.0) minimum grade, and LW 206A with a "C" (2.0) minimum grade. Concurrent enrollment in DMS 112, DMS 113, DMS 114, DMS 115, DMS 117, and LW 206B. Provides a clinical overview of sonographic procedures of the abdomen, pelvis, fetus, and small parts. Emphasizes identification of normal anatomy and basic pathology. (7.5-0)

**DMS 117W Clinical Education I****5 Sem Hrs**

Prerequisites; DMS 101, DMS 103, DMS 104, and DMS 106 all with a "B" (3.0) minimum grade, and LW 206A with a "C" (2.0) minimum grade. Concurrent enrollment in DMS 112, DMS 113, DMS 114, DMS 115, DMS 116, and LW 206B. Provides structured clinical experience necessary to perform sonographic procedures of the abdomen, pelvis, fetus, and small parts. (0-440)

**DMS 201 Introduction to Neurologic and Vascular Sonography****3 Sem Hrs**

Prerequisites: DMS 112, DMS 113, DMS 114, DMS 115, DMS 116, and DMS 117 all with a "B" (3.0) minimum grade, and LW 206B with a "C" (2.0) minimum grade. Concurrent enrollment in DMS 202, DMS 206, DMS 207, and LW 206C. Provides an overview of sonographic imaging of the neonatal and infant brain. Includes normal and abnormal anatomy and sonographic patterns. Looks at basic vascular ultrasound with emphasis on normal anatomy, imaging techniques, and basic pathology. (45-0)

**DMS 202 Ultrasound Seminar I****4 Sem Hrs**

Prerequisites: DMS 112, DMS 113, DMS 114, DMS 115, DMS 116, and DMS 117 all with a "B" (3.0) minimum grade, and LW 206B with a "C" (2.0) minimum grade. Concurrent enrollment in DMS 201, DMS 206, DMS 207, and LW 206C. Presents basic techniques and protocols for invasive and intraoperative sonography. Looks at advanced sonographic imaging procedures, new advances in the field of sonography, and the fundamental elements for maintaining an ultrasound department. (60-0)

**DMS 206W Clinical Seminar II****.5 Sem Hr**

Prerequisites: DMS 112, DMS 113, DMS 114, DMS 115, DMS 116, and DMS 117 all with a "B" (3.0) minimum grade, and LW 206B with a "C" (2.0) minimum grade. Concurrent enrollment in DMS 201, DMS 202, and DMS 207. Provides a clinical overview of sonographic procedures of the abdomen, pelvis, fetus, and superficial parts. Emphasizes identification of pathology, recognition of disease processes, sonographic differentials, and clinical correlation. (7.5-0)

**DMS 207 Clinical Education II****5 Sem Hrs**

Prerequisites: DMS 112, DMS 113, DMS 114, DMS 115, DMS 116, and DMS 117 each with a "B" (3.0) minimum grade, and LW 206B with a "C" (2.0) minimum grade. Concurrent enrollment in DMS 201, DMS 202, DMS 206, and LW 206C. Provides structured clinical experience necessary to perform sonographic procedures of the abdomen, pelvis, fetus, small parts, and vascular system. (0-440)

**DMS 212 Ultrasound Seminar II****4 Sem Hrs**

Prerequisites: DMS 201, DMS 202, DMS 206, and DMS 207 each with a "B" (3.0) minimum grade, and LW 206C with a "C" (2.0) minimum grade. Concurrent enrollment in DMS 217. Discusses all aspects of sonographic imaging including scanning techniques and protocols, normal and abnormal sonographic patterns, pathologic and disease processes, and differential diagnosis. Includes preparation for the ARDMS certifying examinations. (60-0)

**DMS 217 Clinical Education III****5 Sem Hrs**

Prerequisites: DMS 201, DMS 202, DMS 206, and DMS 207 each with a "B" (3.0) minimum grade, and LW 206C with a "C" (2.0) minimum grade. Concurrent enrollment in DMS 212. Provides structured clinical experience necessary to perform sonographic procedures of the abdomen, pelvis, fetus, small parts, and vascular system. (0-440)

**DMS 290-299 Special Projects in Diagnostic Medical Sonography****Drafting****DRF 104 Basic Mechanical Design****4 Sem Hrs**

Developed for students with no drafting experience, less than one year of high school mechanical drafting, or for students with less than a C (2.0) grade in mechanical drafting. Provides instruction and practice to develop skill in spatial visualization, sketching, multiview instrument drawing, section views, design concept presentation, pictorial drawing, and American National Standards Institute (ANSI) conventional drafting and dimensioning standards. Credit may be earned in DRF 104 or DRF 105 but not in both. (15-105)

**DRF 105 Beginning Mechanical Design****3 Sem Hrs**

Provides instruction and practice to develop skill in spatial visualization, sketching, multiview instrument drawing, section views, design concept presentation, pictorial drawing, and American National Standards Institute (ANSI) conventional drafting and dimensioning standards. Credit may be earned in DRF 104 or DRF 105 but not both. (15-75)

**DRF 107 Intermediate mechanical Design****3 Sem Hrs**

Prerequisite: DRF 104 or 105, and CAD 114. Applies computer-aided and manual methods to the mechanical design process using single and multi-view dimensioning, tolerancing, limit dimensions, thread representation and symbols, orthographic projection, auxiliary views, revolution views, design specifications, working drawings, and vectors for analysis. (30-30)

**DRF 120 Beginning Industrial Blueprint Reading 2 Sem Hrs**

Includes manipulation of basic fractions and decimals as applied to the reading of blueprints, reading measuring instruments, basic geometric figures, drafting and blueprinting procedures, basic orthographic projection auxiliary and sectional views, detail and assembly drawings, dimensioning and tolerances, title block, change block, list of materials, and notes. Credit may be earned in DRF 120 or WELD 120 but not both. (30-0)

**DRF 121 Blueprint Reading 3 Sem Hrs**

Introduces blueprint symbols and their meaning as used in a manufacturing operation. Describes basic geometric figures, drafting and blueprint procedures, orthographic projection, including auxiliary and sectional views, detail and assembly drawings, dimensioning and tolerances, title blocks, material lists, and notes for use by various manufacturing personnel. (45-0)

**DRF 122 Blueprint Reading for Welders and Fabricators 2 Sem Hrs**

Prerequisite: DRF 120 or DRF 121 or SKDR 101 or WELD 120 or basic knowledge of blueprint reading. Applies principles specifically designed for welders and fabricators working with welding drawings. Interprets basic blueprint information, orthographic projection, assembly drawings, and geometric tolerancing. Places emphasis on welding symbols and welding drawings. Credit may be earned in DRF 122 or WELD 122 but not both. (30-0)

**DRF 124 Blueprint Reading for Machine Tool Operators 2 Sem Hrs**

Prerequisite: DRF 120. Instructs machinists, lathe operators, mill operators, and grinder operators in more in-depth treatment of working drawings, supplementary views and information, materials and processes commonly found in machining drawings. (30-0)

**DRF 128 Geometric Tolerancing 2 Sem Hrs**

Prerequisite: DRF 121 or permission of instructor. Emphasizes geometric symbols used in place of written notes on industrial drawings including datum, symbols, and other items tolerancing to the geometry of the part. Credit may be earned in either DRF 128 or SKDR 128 but not both. (30-0)

**DRF 129 Advanced Geometric Tolerancing 2 Sem Hrs**

Prerequisite: DRF 128. A continuation of DRF 128, with a more in-depth study of positional tolerance, datums, form tolerance, gaging and verifying principles with advanced applications. (30-0)

**DRF 256 Descriptive Geometry 3 Sem Hrs**

Prerequisites: MTH 103 or MT 110, and DRF 107. Emphasizes space visualization and processes of solution. Problems comprise: combinations of points, lines, planes, intersections, developments, warped surfaces, true angles, true size and shape, vectors, shades and shadow, and conics. (15-75)

**DRF 257 Advanced Mechanical Design 4 Sem Hrs**

Prerequisites: DRF 107, DRF 128, MS 113, or permission of instructor. Focuses on individual and/or team assignments working from complex design layouts to presentation of complete sets of working drawings, including product design, piping design, welding design, and plant layout. Emphasizes the CAD/CAE system, the design process, engineering references, and use of supplier catalogs. (30-90)

**DRF 290-299 Special Projects in Drafting Sem Hr**

## Economics

**ECN 221W Principles of Macroeconomics 4 Sem Hrs**

Prerequisites: READING LEVEL 2 or WRITING LEVEL 2 and one of the following: MATH LEVEL 4 or MGT 110 or SKMA 111. Studies the impact of consumer, business and government decisions on the macro economy. Includes: supply and demand analysis, measures of macroeconomic performance, money and banking, and various schools of macroeconomic thought and their policy implications. (60-0)

**ECN 222W Principles of Microeconomics 4 Sem Hrs**

Prerequisite: ECN 221. Studies the behavior of individual decision making units of the economy. Includes foundations of supply and demand, business behavior based on market structure, regulated business, international trade and finance, and selected current topics. (60-0)

**ECN 268W International Studies in Economics 1-4 Sem Hrs**

An analysis of foreign economic systems, including the private-public mix, role of international trade, foreign solutions to common economic problems, and specific timely topics. Includes classroom lectures, individual consultation and international field of study. Expenses for field study must be borne by the student. By prior arrangement with appropriate faculty, students may also take International Studies in the following disciplines: GEO 268, MGT 268 (or former GB 268), SOC 268. (60-0)

**ECN 290-299 Special Projects in Economics Sem Hr**

## Education

**ED 200AW Exploratory Teaching (Elementary) 3 Sem Hrs**

Prerequisites: Any approved College Composition I and College Composition II course with minimum of C (2.0); minimum of 24 credits with 2.5 gpa; minimum 2 courses from the following with at least a C+ in each: ART 105, ART 113, ED 101, LIT 251, MTH 110, MTH 115, MTH 116, MUS 100, LWT 266, PSY 223. Provides aspiring elementary teachers with experience, study and discussion to enable them to make informed career decisions. Requires at least 90 hours of field work in an elementary school, plus at least 15 hours of seminar. Credit may be earned in ED 200A or ED 200B but not in both. (15-90)

**ED 200BW Exploratory Teaching (Secondary) 3 Sem Hrs**

Prerequisite: Any Approved College Composition I and College Composition II with minimum of C (2.0); minimum of 24 credits with 2.5 gpa; minimum 2 courses in teaching major or minor with at least C+ in each. Provides aspiring secondary teachers with experience, study and discussion to enable them to make informed career decisions. Requires at least 90 hours of field work in a secondary school, plus at least 15 hours of seminar. Credit may be earned in ED 200A or ED 200B but not in both. (15-90)

**ED 201W Education of the Exceptional Child 3 Sem Hrs**

Emphasizes the characteristics of exceptional children, including an overview of their educational needs and the approaches of various programs. (45-0)

**ED 268 International Studies in Education 1-4 Sem Hrs**

Involves the study of one or more aspects of the educational system of a country other than the United States including class lectures and individual consultation. Overseas study is an integral part of the course. Expenses for travel and overseas study must be borne by the student. (60-0)

**ED 290-299 Special Projects in Education Sem Hr**

## Electronic Distribution Design

**EDD 130 Electric Distribution Design I 4 Sem Hrs**

Prepares an employee with the basic knowledge of electrical distribution equipment and the skills to design and prepare work orders for construction of the basic service facilities through self-study. (72-0)

**EDD 132 Electric Distribution Design II 4 Sem Hrs**

Prerequisite: EDD 130. Continues the self-study course, Electric Distribution Design I. Prepares an employee with the basic knowledge of electrical distribution equipment and the skills to design and prepare work orders for construction of electric distribution facilities. (72-0)

**EDD 290-299 Special Projects in Electronic Distribution Design**

## Education For Professional Development

### **EDU 368W Educating for Global Participation 2 Sem Hrs**

Prerequisite: Open to all full and part-time faculty and staff and by permission of instructor. Assists educators in various aspects of global education, including exploring the meaning of global education, developing and participating in learning abroad experiences, and discussing how educators can help students, colleagues, and members of the community become more globally educated. Credit may be earned in ED 368 or EDU 368 but not both. (30-0)

### **EDU 369W Educating for Global Participation with Travel 3 Sem Hrs**

Prerequisite: Open to all full and part-time faculty and staff and by permission of instructor. Assists educators in various aspects of global education, including exploring the meaning of global education, developing and participating in learning abroad experiences, and discussing how educators can help students, colleagues, and members of the community become more globally educated. Requires participation in a learning abroad experience. Credit may be earned in ED 369 or EDU 369 but not both. (45-0)

### **EDU 370W Educating for Global Participation with Module 3 Sem Hrs**

Prerequisite: Open to all full and part-time faculty and staff and by permission of instructor. Assists educators in various aspects of global education, including exploring the meaning of global education, developing and participating in learning abroad experiences, and discussing how educators can help students, colleagues, and members of the community become more globally educated. Requires class module or project. Credit may be earned in ED 370 or EDU 370 but not both. (45-0)

### **EDU 379W Program Assessment 2 Sem Hrs**

Prerequisite: EDU 399. Explores the program assessment process at Delta College, while providing a forum for collaboration and development of program assessment projects. Prepares participants for reporting assessment activities through the database, presentation to the Academic Assessment Committee, and sharing with the greater College community. (30-0)

### **EDU 384 Delta College Staff Ambassador Development 3 Sem Hrs**

Provides Delta College staff with an opportunity to learn about the divisions, departments, processes, and systems at Delta College. Explores the contribution of the employee's role to the College mission, vision, and values. Credit may be earned in ED 384 or EDU 384 but not both. (45-0)

### **EDU 385 Leadership Culture 3 Sem Hrs**

Prerequisite: ED 384 and one year Delta College employment. Prepares Delta College employees to enhance their responsibilities by understanding, developing, and demonstrating their leadership skills and abilities. Practices leadership activities in College or community. Explores the focus on worklife contributions within the learning centered organization. Credit may be earned in ED 385 or EDU 385 but not both. (45-0)

### **EDU 386W Communication in the Classroom 2 Sem Hrs**

Prerequisite: Permission of Instructor to register. Focuses on identifying, describing, and then explaining communication between students and between students and instructor. Explores aspects of verbal and nonverbal communication such as impact of voice, facial expression, body language, body movement, and physical proximity. Includes research highlighting the impact of an instructor's communication repertoire on student success. Requires completion of a project focused on development of improved/refined communication strategies for instruction. Credit may be earned in ED 386 or EDU 386 but not both. (30-0)

### **EDU 387W Reflective Practice: Education for Personal and Professional Growth 2 Sem Hrs**

Prerequisites: Open to all full and part-time faculty and staff and by permission of instructor. Explores, in a communal atmosphere of trust and thoughtfulness, the roles of reflection, community, and creativity in the development of meaning and purpose in the personal and professional lives of educators. Explores questions of pedagogical meaning and purpose common to educators, and connects these with practices such as reflective writing, readings in a variety of disciplines, and creativity intended as springboards for personal and classroom applications. Includes a meaningful project such as a series of self-guided readings, an introspective practice like meditation, a journal, memoir, revamped syllabus, set of classroom practices, or other appropriate self-generated project. Credit may be earned in ED 387 or EDU 387 but not both. (30-0)

### **EDU 388W Exploring Diversity 2 Sem Hrs**

Prerequisite: Instructor permission to register. Provides a foundation in knowledge and application of issues and principles surrounding diversity. Provides an opportunity to explore, reflect and practice an interdisciplinary approach to the study of diversity. Credit may be earned in only one of the following: SSI 288, SSI 289, ED 388, ED 389, EDU 388, EDU 389, IHU 280, or IHU 281. (30-0)

### **EDU 389W Exploring Diversity/With Project 3 Sem Hrs**

Prerequisite: Permission of instructor. Provides a foundation in knowledge and application of issues and principles surrounding diversity. Provides an opportunity to explore, reflect and practice an interdisciplinary approach to the study of diversity. Includes completion of project. Credit may be earned in only one of the following: SSI 288, SSI 289, ED 388, ED 389, EDU 388, EDU 389, IHU 280 or IHU 281. (45-0)

### **EDU 390W Best Practices in Teaching and Learning 3 Sem Hrs**

Prerequisite: Instructor permission to register. Addresses topics and skills essential for effective and innovative teaching and learning practices. Explores the dynamics of teaching and learning and provides models, strategies, and options that emphasize active learning and reflective teaching. Credit may be earned in ED 390 or EDU 390 but not both. (45-0)

### **EDU 391W Academic Service-Learning 1 Sem Hr**

Prerequisite: Open to all full and part-time faculty, community service partners, and by permission of instructor. Introduces academic service-learning pedagogy across the disciplines. Develops a service-learning community-based project focusing on course outcomes and/or general education components. Incorporates the essential elements of enhanced academic learning meaningful to the community, and heightened civic engagement; and develops a plan to access all three elements. Credit may be earned in ED 391 or EDU 391 but not both. (15-0)

### **EDU 392W Internet Teaching Techniques for Teachers 3 Sem Hrs**

Prerequisite: Open to all full and part-time faculty and staff and by permission of instructor. Provides those with basic internet skills the tools and knowledge to create strategies and practices that use Internet tools (e-mail, discussion list, WWW, search engines, chat programs) to enhance student learning. Credit may be earned in ED 392 or EDU 392 but not both. (45-0)

### **EDU 392XW Advanced Internet Teaching Techniques 3 Sem Hrs**

Prerequisite: ED 392 or at least one semester of teaching online or in a blended setting; or equivalent training and experience. Provides those who have had experience teaching online with an opportunity to revise one area of their online course(s) through incorporating advanced communication and media tools. Credit may be earned in ED 392 or EDU 392 but not both. (45/0)

**EDU 393W Understanding Student Learning 2 Sem Hrs**  
Explores the process of learning and provides fuller understanding of the biological and sociocultural factors that influence human learning. Explores multiple intelligences and learning styles, neurological changes in the brain that accompany learning, cognitive development, motivation, and types of learning goals. Emphasizes the application of learning research to learning situations to encourage and enhance student learning. Credit may be earned in ED 393 or EDU 393 but not both. (30-0)

**EDU 394IW Development of Learning Community Interest Groups 3 Sem Hrs**  
Prerequisite: Open to all full and part-time faculty with permission of instructor. Examines learning communities theories and models most closely resembling Interest Groups (often called Freshman Interest Groups and Clusters at other institutions). Discusses concepts of interdisciplinarity, community, and continuing development and evaluation of Interest Groups both individually as separate learning communities and collectively as a distinct identity. Includes participation in on-line interactive journaling about assigned and recommended readings. Develops a capstone project to plan an interest group learning community. Credit may be earned in ED 394 or EDU 394 but not both. (45-0)

**EDU 394W Theory and Pedagogy of Learning Communities 2 Sem Hrs**  
Prerequisite: Open to all full and part-time faculty and staff. Examines (in classroom seminars and by on-line listserv) learning communities theories and models, including concepts of interdisciplinary and community. Includes participation in on-line listserv interactive journaling about course readings and a capstone project to prepare a syllabus, one or two possible assignments, and at least one means of assessment for a proposed learning community. Designed for faculty, future teachers, and administrators. Credit may be earned in ED 394 or EDU 394 but not both. (30-0)

**EDU 395RW Introductory Theory and Methods of Reading Across Disciplines - Research Option 2 Sem Hrs**  
Prerequisite: Open to all full-time and part-time faculty or by permission of instructor. Introduces theory and practice of reading across disciplines including theories of reading development and strategies improving reading. Provides instruction and support in researching content area reading in individual disciplines. Leads to development of annotated bibliography about reading process and pedagogy in their discipline. Student may earn credit in only one of the following: ED 395R, ED 395, EDU 395R or EDU 395. (30-0)

**EDU 395W Introductory Theory and Methods of Reading Across Disciplines 1 Sem Hr**  
Prerequisite: Open to all full-time and part-time faculty or by permission of instructor. Introduces theory and practice of reading across disciplines including theories of reading development and strategies improving reading. Student may earn credit in only one of the following: ED 395, ED 395R, EDU 395 or EDU 395R. (15-0)

**EDU 396PW Facilitating Developmental Learning with project 3 Sem Hrs**  
Prerequisite: Open to all full and part-time faculty and staff. Explores the process of assisting students in advancing from under-prepared to college-ready. Examines instructional methods conducive to promoting, developing, and sustaining student learning and success throughout the college curriculum. Synthesizes theory with best practices applicable to a variety of disciplines and learning levels. Course includes individual project. Credit may be earned in only one of the following: ED 396P, ED 396, EDU 396P, or EDU 396. (45-0)

**EDU 396W Facilitating Developmental Learning 2 Sem Hrs**  
Prerequisite: Open to all full and part-time faculty and staff. Explores the process of assisting students in advancing from under-prepared to college-ready. Examines instructional methods conducive to promoting, developing, and sustaining student learning and success throughout the college curriculum. Synthesizes theory with best practices applicable to a variety of disciplines and learning levels. Credit may be earned in only one of the following: ED 396P, ED 396, EDU 396P, or EDU 396. (30-0)

**EDU 397 Introduction to Distance Learning 3 Sem Hrs**  
Prerequisites: Open to all full and part-time faculty and staff and by permission of instructor. Teaches strategies for distance education technology, with particular emphasis on instructional design, two-way interactive television (ITV), for application in any field. Credit may be earned in ED 397 or EDU 397 but not both. (45-0)

**EDU 398W Writing to Learn 1 Sem Hr**  
Prerequisite: Open to all full and part-time faculty and by permission of instructor. Introduces theory and practice of "writing to learn," (WTL) including informal writing strategies to promote student response to lectures, readings, fieldwork, labs, discussions, etc.; rehearsal for other activities including discussions and formal writing; reflection on learning progress and problems; and dialogue with peers and instructor. Credit may be earned in ED 398 or EDU 398 but not both. (15-0)

**EDU 399AW Classroom Assessment Techniques .5 Sem Hr**  
Prerequisite: Open to all full and part-time faculty and staff and by permission of instructor. Introduces classroom assessment techniques (CATs) and their use across disciplines. Develops and applies a variety of CATs to formatively assess different types of learning and student development. Credit may be earned in ED 399AW or EDU 399AW but not both. (7.5-0)

**EDU 399W Using Classroom Assessment Techniques 2 Sem Hrs**  
Prerequisite: Open to all full and part-time faculty and staff and by permission of instructor. Introduces classroom assessment techniques (CAT's) and their use across disciplines. Develops and applies a variety of CAT's to formatively assess different types of learning and student development. Includes investigation and development of CAT's as tools for classroom research. Credit may be earned in ED 399 or EDU 399 but not both. (30-0)

## Electronic Engineering Tech

**EET 120 Digital Circuits 3 Sem Hrs**  
Prerequisite: MTH 107 or H.S. equivalent. Studies fundamental concepts of digital electronics, including the +5 volt TTL family of integrated circuits, digital number systems, Boolean algebra, Karnaugh maps, combinational logic circuits, counters, latches, flip-flops and shift registers. Introduces basic memory concepts and circuits. (30-30)

**EET 215 Electrical Controls and Automation 5 Sem Hrs**  
Prerequisites: EET 235 or 210. EET 210 can be taken concurrently with instructor consent. Studies industrial control logic design and application with emphasis on ladder logic, relay and T-switch logic formats. Uses Modicon micro 84 to study programmable controller logic. Covers 4-layer semiconductors (SCRS-TRIACS-UJTS-PUTS-DIACS), their characteristics and applications. Studies application of electronic control systems to machine processes with emphasis on transducers, I/O interfaces, control processors and output drivers. (60-30)

**EET 226 Computer Electronics 6 Sem Hrs**  
Prerequisite: EET 102 and EET 120. Introduces computer electronics with an emphasis on programming microcontroller computers using the C programming language. Teaches students to design projects that combine hardware and software to create applications that interface microcontrollers to other computers and to analog and digital circuits. (90-0)

**EET 230 Soldering Techniques 1 Sem Hr**  
Develops skill in soldering and printed circuit board fabrication and repair, using commonly accepted industrial practices. Covers safety, chemical handling, contamination of work area, grounding, materials, and waste handling. Producing a functioning printed circuit assembly is required. (8-22)

**EET 235 Electrical Circuits 3 Sem Hrs**  
Prerequisite: MTH 119 or MTH 119A or appropriate assessment scores. Studies DC and AC circuit fundamentals including a general introduction to industrial control concepts. (30-30)

**EET 290-299 Special Projects in Electronic Engineering Technology**

## Engineering

**EGR 100 Careers in Engineering 1 Sem Hr**  
A study of Engineering as a profession as well as a career. Surveys the various fields such as Mechanical, Electrical, Civil, etc. Compares an engineer with a technologist. Reviews work responsibilities, ethics, the work environment, challenges, salaries. (15-0)

**EGR 101 Engineering Design and Analysis 1 Sem Hr**  
Applies critical thinking concepts to engineering problem solving strategies. Uses student work teams to solve a problem or develop a design on paper using the engineering design process. Uses research techniques on the Web or library, brainstorming for idea generation, criterion selection, and presents information in an oral and written format. (15-0)

**EGR 165 Introduction to Engineering Graphics 4 Sem Hrs**  
A study of the graphic language applied to mechanical and civil engineering design. Develops skills in orthographic projection, multi-view drawings, isometric drafting, sectioning, auxiliary views, revolutions, developments, ANSI dimensioning, and tolerancing, annotation and descriptive geometry. Uses computer-aided drafting and analysis. Credit can be earned in EGR 165 or DRF 155 but not in both. (30-60)

**EGR 166 Engineering Graphics 4 Sem Hrs**  
Prerequisite: One year of high school mechanical drafting with final grade of C (2.0) or higher. A study of the graphic language applied to mechanical design, review of multiview and isometric drafting, and the geometry of drawing. Emphasis on developing skills in using orthographic projections, sectional views, auxiliary views and revolutions, dimensioning and annotation, and descriptive geometry. Computer-aided methods in drafting and analysis are used for all topics studied. Students cannot obtain credit for both EGR 165 and EGR 166. (30-60)

**EGR 215 Engineering Mechanics, Statics 3 Sem Hrs**  
Prerequisite: MTH 261 and PHY 211. (MTH 261 may be taken concurrently.) Develops skill in analyzing machine elements and structures, which are in static equilibrium. Using vector calculus, integration and algebra/trig. techniques, forces and moments are solved in 2D and 3D problems. Includes concepts of centroids and moments of inertia. Applied to mechanical linkages, disks and shafts, beams in bending, screw threads, trusses, frames, and vehicles. (45-0)

**EGR 216 Engineering Mechanics: Dynamics 3 Sem Hrs**  
Prerequisite: EGR 215. Aims at students needing a second course in mechanics for engineers. Covers kinematics and kinetics of particles and rigid bodies in 2D and 3D. Uses force/acceleration, energy and momentum methods and applications to machine elements and structures in mechanical engineering. (45-0)

**EGR 221 Engineering Materials 3 Sem Hrs**  
Prerequisite: CHM 111 and MTH 161 or equivalents. Introduces material classification based on their structure, properties and performance in various applications. Examines the micro and macro structures of metals, polymers, glasses, ceramics and composites and their structural relationship to their properties and performance in various applications. Focuses on phase diagrams, microstructural changes caused by solid-state transformations, elastic and plastic behavior, the effects of the environment, and application selection criteria. (45-0)

**EGR 235 Circuit Analysis 4 Sem Hrs**  
Prerequisite: MTH 161. Studies simple electrical components, rules, theorems and laws applicable to AC and DC circuits. Applies Kirchoff's laws, Thevenin's and Norton's theorems, superposition, current and voltage divider rules, etc., Introduces circuit design techniques further study in transient circuits and three-phase power systems. (45-30)

**EGR 290-299 Special Projects in Engineering Sem Hr**

**EGR 320 Mechanics of Materials 3 Sem Hrs**  
Prerequisite: EGR 215. Considers effects of tension and compression, shear, torsion, bending and buckling loads on structures and machine members and their consequent effects on stress distributions and deformations. Emphasizes design as well as analysis. (45-0)

## Electronic Media

**EM 280 Digital Film Capstone 3 Sem Hrs**  
Prerequisites: EMB 155 & ENG 258 with a grade of "C" or better. Provides experience in designing and producing digital short and/or partial feature films as part of production teams. Identifies, through teamwork, the specific production and postproduction needs for the projects and evaluates the clarity and quality of the writing, production design, and overall digital film product generated. (15-45)

## Electronic Media Broadcasting

**EMB 140 Electronic Media History 3 Sem Hrs**  
Concentrates primarily on Broadcasting History, its roots and parentage. Compares relationships between past issues and personalities with those of today. Answers the question: Where do we come from and where are we going as a profession? (45-0)

**EMB 141W Fundamentals of Audio Production 2 Sem Hrs**  
Introduces basic audio production methods and equipment, including non-linear editors, microphones, recorders and supporting hardware. Emphasizes developing comprehension of communication using aural mediums, and the variety of media types and formats available. Introduces the basic production skills necessary for developing audio projects. Uses radio labs and equipment to instruct students in basic elements of audio acquisitions, editing, and production. (15-30)

**EMB 151 Media Production I 3 Sem Hrs**  
Introduces basic video production methods and equipment, including non-linear editors, video cameras and supporting hardware. Emphasizes developing comprehension of communication using visual and aural mediums, and the variety of media types and formats available. Introduces the basic production skills necessary for developing media projects. Uses Television Labs, Studios and equipment to instruct students in basic elements of video and audio acquisition and production. (40-20)

**EMB 152 Studio Productions 2 Sem Hrs**  
Introduces basic television studio production methods and equipment, video cameras, switchers, audio boards, lighting and related hardware. Emphasizes developing comprehension of communication using visual and aural mediums through hands-on learning in professional studio environments. Introduces the basic production skills necessary for developing media projects. Uses television labs and studios to instruct students in basic elements in video and audio acquisition and studio production. (20-40)

**EMB 153 Broadcast Performance 3 Sem Hrs**  
Introduces students to broadcast performance. Emphasizes presentations before microphones and cameras. Examines dress, movement, make-up, lighting, and delivery in such major performance situations as interviews, discussions, newscasts, commercials, and product demonstrations. Credit may be earned in either BRT 153 or EMB 153 but not both. (30-30)

**EMB 154 Peripheral Multimedia Applications 2 Sem Hrs**  
Introduces and familiarizes student with operational elements of digital media, computer operating systems/platforms and peripheral multimedia applications which support and enhance digital non-linear video editing. Concentrates primarily on audio soundtracks, animated text, graphic design and proper compression for delivery to a variety of digital mediums. Emphasizes specific programs within the Macintosh OSX system. (15-30)

**EMB 155 Media Production II 4 Sem Hrs**  
Prerequisites: EMB 151 with minimum grade of "C" (2.0). Builds on the body of knowledge gained in EMB151. Expands the knowledge and skill in composition of images and media, and integration of that media into finished productions. Introduces digital multimedia production, specifically Macintosh Computer systems and Final Cut Pro non-linear editors. Uses both studio and computer editing facilities to refine both audio and video production skills to develop and execute productions. Uses Television, Radio, and computer labs. (45-45)

**EMB 161 Podcasting, Online, and Mobile Media 2 Sem Hrs**  
Introduces and familiarizes student with basic elements and theories of alternative/online forms of multimedia delivery, including audio and video podcasting, mobile media devices, media enhanced blogging and media delivery through video sharing and social networking sites such as YouTube and Facebook. (15-30)

**EMB 175W Genres in Film History 3 Sem Hrs**  
Examines major film styles and genres prevalent through the history of American cinema. Discusses groundbreaking works and popular film styles and analyzes their production values, editing techniques and influences on later films and other media. Researches individual directors and films and presents written critical analysis of technical and influential contributions to filmmaking. (45-0)

**EMB 211W Writing for Broadcast & New Media 3 Sem Hrs**  
Prerequisites: ENG 111 or ENG 111A or ENG 111H. Introduces and familiarizes the specialized writing styles in radio, TV, cable, new media and corporate/non-profit production. Includes, but is not limited to, news, promotional announcements, sports and advertisements. Emphasizes and analyzes various writing styles employed in the commercial, non-profit and corporate world and demonstrates that style through frequent writing. Credit may be earned in either BRT 211 or EMB 211 but not both. (45-0)

**EMB 227 Broadcast Sales 3 Sem Hrs**  
Prerequisites: ENG 111 or ENG 111A or ENG 111H. Explores basic marketing concepts in broadcast time and spot sales. Analyzes the psychological, sociological, economic, and communicative aspects of salesmanship as they apply to the broadcast industry. Prepares actual sales presentations for hypothetical clients. Brings practicing professionals in the broadcast sales field to share their experiences with the class. Credit may be earned in either BRT 227 or EMB 227 but not both. (45-0)

**EMB 233 Radio News and Programming 3 Sem Hrs**  
Prerequisites: BRT 155 or EMB 155. Introduces basic elements of Broadcast Radio News producing, reporting, and resources; develops understanding of Radio programming, formats, and differences between commercial and public radio. Produces news and programming projects utilizing analog and digital equipment. Credit may be earned in either BRT 233 or EMB 233 but not both. This course is only offered by individual instruction (please contact the program coordinator for details, 686-9101). (0-60)

**EMB 255W Media Production III 4 Sem Hrs**  
Prerequisites: EMB 155 with "C" (2.0) minimum grade. Refines and utilizes skills gained in Media Production I and II with further instruction to produce and direct finished multimedia productions. Emphasizes producing and directing skills to maximize effectiveness. Produces and directs multimedia productions, including audio and video components, with specific outcomes for specific uses and audiences. Uses Television Studio and Computer labs. (60-30)

**EMB 275 DVD Design and Authoring 3 Sem Hrs**  
Prerequisites: EMB 155. Provides a guide to every aspect of the process of authoring a Digital Versatile Disc. Examines the aesthetic elements involved in the creation of a navigational interface and the management of the video and data file contents of a DVD. Incorporates aspects of graphic design and digital video production to produce and deliver a final project DVD. Introduces DVD authoring software. Credit may be earned in EM 275 or EMB 275 but not both. (15-45)

**EMB 279 Advanced Post Production 3 Sem Hrs**  
Prerequisites: EMB 155 with "C" (2.0) minimum grade or EMB Program Coordinator approval. Builds on the body of knowledge gained in EMB 155. Expands the student's knowledge and skill in non-linear video editing. Introduces advanced digital multimedia compositing and editing techniques and industry standard technologies, such as Apple's Final Cut Pro, Motion, and Adobe After Effects, while providing an overview of the artistic nature of digital compositing. Students will complete a variety of advanced, individual digital video and compositing projects. (30-30)

**EMB 281 Electronic Media Broadcasting Internship I 1 Sem Hr**  
Prerequisites: EMB 151 with "C" (2.0) minimum grade and instructor approval. Provides advanced hands-on experience through internship with approved off-site electronic media company or organization. Requires 5 hours per week under direct supervision of onsite internship coordinator. This course is only offered by individual instruction (please contact program coordinator for details, 686-9473). (0-75)

**EMB 282 Electronic Media Broadcasting Internship II 2 Sem Hrs**  
Prerequisites: EMB 151 with "C" (2.0) minimum grade and instructor approval. Provides advanced hands-on experience through internship with approved off-site electronic media company or organization. Requires 10 hours per week under direct supervision of onsite internship coordinator. (0-150)

**EMB 283 Electronic Media Broadcasting Internship III 3 Sem Hrs**  
Prerequisites: EMB 151 with C (2.0) minimum grade and instructor approval. Provides advanced hands-on experience through internship with approved off-site electronic media company or organization. Requires 15 hours per week under direct supervision of onsite internship coordinator. This course is only offered by individual instruction (please contact program coordinator for details, 686-9473). (0-225)

**EMB 284 Public Broadcasting Practicum I 2 Sem Hrs**  
Prerequisites: BRT 151 or EMB 151 with "C" (2.0) minimum grade and discipline approval. Provides advanced, practical experience through Delta College's Public Broadcasting facilities. Gives opportunities to produce and assist with productions of on-air broadcast programs. This course is only offered by individual instruction (please contact program coordinator for details, 686-9473). (0-60)

**EMB 285 Public Broadcasting Practicum II 2 Sem Hrs**  
Prerequisites: BRT 151 or EMB 151; EMB 284 with "C" (2.0) minimum grade and discipline approval. Provides advanced, practical experience through Delta College's Public Broadcasting facilities. Gives opportunities to produce and assist with productions of on-air broadcast programs. This course is only offered by individual instruction (please contact program coordinator for details, 686-9473). (0-60)

**EMB 290-299 Special Projects in Electronic Media Broadcasting**

## Emergency Medical Service

### EMS 110 Basic Emergency Medical Technician I 4 Sem Hrs

Prerequisite: READING LEVEL 2, requires concurrent enrollment in EMS 111, 112 and 113, and instructor's permission. First in a sequence of four courses to prepare a student as a Basic EMT. Emphasis is placed on Emergency Medical Care, Medical/Legal/Ethical issues, didactic material including airway management, Patient Assessment, and general pharmacology. (65-0)

### EMS 111 Basic Emergency Medical Technician II 4 Sem Hrs

Prerequisite: Requires concurrent enrollment in EMS 110, 112 and 113, and instructor's permission. Second in a sequence of four courses to prepare a student as a Basic EMT. Emphasis is placed on recognition and management of environmental and medical emergencies; verbal, written and radio communications; triage, emergency childbirth; and pediatric emergencies. (65-0)

### EMS 112 Basic Emergency Medical Technician III 2 Sem Hrs

Prerequisite: Requires concurrent enrollment in EMS 110, 111 and 113 and instructor's permission. Third in a sequence of four courses to prepare a student as a Basic EMT. Emphasizes bandaging, splinting, backboarding concerning injuries to the head & spine as well as musculoskeletal systems. (32-0)

### EMS 113 Basic Emergency Technician Field Experience 2 Sem Hrs

Prerequisite: Requires concurrent enrollment in EMS 110, 111 and 112 and instructor's permission. Fourth in a sequence of four courses to prepare a student as a Basic EMT. Clinical rotation for EMT (hospital & ambulance). Successful completion of this course and EMS110, EMS111 and EMS112 enables the student to apply for and take the National Registry exam to qualify for state licensing as a Basic EMT. (0-32)

### EMS 290-299 Special Projects in Emergency Medical Service

## English

### ENG 090 Introduction to Academic Writing 4 Sem Hrs

Prerequisite: WRITING LEVEL 1: Provides those who are not yet prepared for academic work in the regular composition sequence (ENG 111A, ENG 111, ENG 112 or OAT 150, 151, 152) with opportunity to improve their writing skills in an interactive and collaborative setting. Includes practice of personal and academic writing with special attention given to individual needs, which may include organization, sentence structure and variety, correct usage, and vocabulary development. Practices active reading strategies to understand, interpret, and apply information from reading. Does not earn credit towards graduation. Must earn a grade of "C" or better in ENG 090 for progression to the next level. (60-0)

### ENG 093W Effective Reading and Vocabulary Development 4 Sem Hrs

Prerequisite: READING LEVEL 1. Designed for those whose academic and personal needs call for building skills, confidence, greater comprehension, and enjoyment of reading. Includes techniques for understanding and remembering a wider reading vocabulary. Applies reading strategies to a wide variety of reading materials under the guidance of an instructor. Does not earn credit towards graduation. Credit may be earned in ENG 093 or ENG 108, but not both. (60-0)

### ENG 097W Academic Reading 3 Sem Hrs

Prerequisite: READING LEVEL 2. Designed for those who are good readers, but who still need to make improvements in reading, vocabulary, and critical thinking to become successful and independent college students. Provides instruction and practice in study-reading college level texts; opportunities for self-selected research, reading and sharing of information; and the chance to select and read imaginative materials for pleasure and increased self-confidence as a reader. Does not earn credit towards graduation. (Credit may be earned in ENG 097 or ENG 109 but not both. (45/0)

### ENG 098 Preparation for College Writing 3 Sem Hrs

Prerequisite: WRITING LEVEL 2. Provides those who are not yet prepared for academic work in the regular composition sequence (ENG 111A, ENG 111, ENG 112 or OAT, 150, 151, 152) with opportunity to improve their writing skills in an interactive and collaborative setting. Includes practice with personal and academic writing. Does not earn credit for graduation. (45-0)

### ENG 104W Applied Spelling Techniques 2 Sem Hrs

Emphasizes English spelling patterns and sequences as well as techniques for approaching spelling for adult learners. Shows students how to apply critical thinking strategies to identify and meet their individual spelling needs. (30-0)

### ENG 105W English as a Second Language 5 Sem Hrs

Aids the speaker of English as a second language with intermediate and advanced English language skills to communicate in academic and social settings. Includes speaking, listening, reading, composition, non-verbal communication and American culture. (75-0)

### ENG 107W Elements of Grammar 2 Sem Hrs

Acquaints or refreshes students with useful, basic grammatical concepts and options in written language. Includes illustration and practice of sentence structure, usage, and punctuation. Strengthens writing skill and language awareness in college or in the work force. (30-0)

### ENG 111 College Composition I 3 Sem Hrs

Prerequisite: READING LEVEL 2 and WRITING LEVEL 4. Develops fluent, effective, and confident writers. Practices the process of composing; generating ideas; shaping and evaluating writing. Uses reading and language awareness to further the development of writing. Credit may be earned in only ENG 111, ENG 111A, ENG 111B, ENG 111C or ENG 111H. (45-15)

### ENG 111A Writing Methods/College Composition I 3 Sem Hrs

Prerequisite: READING LEVEL 2 and WRITING LEVEL 3. Develops fluent, effective, and confident writers. Practices the process of composing; generating ideas, shaping and evaluating their writing. Uses reading and language awareness to further the development of their writing. This course will transfer to universities and partially fulfill the college's English composition requirement. Credit may be earned in only ENG 111, ENG 111A, ENG 111B, ENG 111C or ENG 111H. (45-30)

### ENG 111B College Composition I 3 Sem Hrs

Develops fluent, effective, and confident writers. Practices the process of composing; generating ideas, shaping and evaluating their writing. Uses reading and language awareness to further the development of their writing. ENG 111B is intended to only be taken in a learning community combination. Credit may be earned in one of the following: ENG 111, ENG 111A, ENG 111B, ENG 111C or ENG 111H. (45-15)

**ENG 111C Writing Methods/College Composition I 3 Sem Hrs**  
Prerequisite: READING LEVEL 2 and WRITING LEVEL 3. Develops fluent, effective, and confident writers. Practices the process of composing; generating ideas, shaping and evaluating their writing. Uses reading and language awareness to further the development of their writing. This course will transfer to universities and partially fulfill the college's English composition requirement. ENG 111C is intended to only be taken in a learning community combination. Credit may be earned in only ENG 111 or ENG 111A, ENG 111B, ENG 111C or ENG 111H. (45-30)

**ENG 111H College Composition I - Honors 3 Sem Hrs**  
Prerequisite: READING LEVEL 4 and WRITING LEVEL 4 and permission of the Honors Office. Develops fluent, effective, and confident writers. Practices the process of composing; generating ideas; shaping and evaluating writing. Uses reading and language awareness to further the development of writing. Provides opportunities to engage in independent intellectual inquiry to foster deeper learning. Credit may be earned in only ENG 111 or ENG 111A or ENG 111B or ENG 111C or ENG 111H. (45-0)

**ENG 112 College Composition II 3 Sem Hrs**  
Prerequisite: Reading Level 3 and a "C" grade or better in any approved college level composition I course. Expands students' abilities and versatility in reading, language awareness, and composing for a range of purposes, audiences, and situations, including academic research writing. Credit may be earned in only ENG 112 or ENG 112A or ENG 112H. (45-0)

**ENG 112A Writing Methods/College Composition II 3 Sem Hrs**  
Prerequisite: Reading Level 3 and a "C" grade or better in any approved college level composition I course. Expands students' abilities and versatility in reading, language awareness, and composing for a range of purposes, audiences, and situations, including academic research writing. Of the five credits earned in this course, three will transfer to universities and partially fulfill the college's English composition requirement. Although the other two hours do not transfer, they do provide a solid background necessary toward success in all college courses. Credit may be earned in only ENG 112 or ENG 112A or ENG 112H. (45-30)

**ENG 112H College Composition II - Honors 3 Sem Hrs**  
Prerequisite: READING LEVEL 3 and a "C" grade or better in any approved college level composition I course and permission of the Honors Office. Expands students' abilities and versatility in reading, language awareness, and composing for a range of purposes, audiences, and situations, including academic research writing. Provides opportunities to engage in independent intellectual inquiry to foster deeper learning. Credit may be earned in only ENG 112 or ENG 112A or ENG 112H. (45-0)

**ENG 113 Technical Communication 3 Sem Hrs**  
Prerequisite: A "C" grade or better in a college level composition I course. Covers techniques for presentation of technical material in formal and informal written reports, letters and other current forms of business and technical communication. Emphasizes general principles used for successful written communication experiences in the professional world and the development of thinking and organizational skills, with specific applications to technical courses or professional case studies. (45-0)

**ENG 115 Mass Media 3 Sem Hrs**  
Surveys books, newspapers, magazines, recordings, film, radio, television, advertising, public relations and electronics. Includes media history operations, products, current issues and criticisms (45-0)

**ENG 116 News Writing 3 Sem Hrs**  
Prerequisite: ENG 115 or permission of instructor. Studies fundamental principles of gathering information and writing basic news stories. Emphasizes the elements of news, the lead, Associate Press style, news sources and structures of news stories. (30-30)

**ENG 120 Introduction to Creative Writing 3 Sem Hrs**  
Prerequisite: A "C" grade or better in a college level composition I course. Begins the exploration of personal writing, fiction, drama, and poetry. Focuses on understanding the basics of each genre and practicing them. Includes peer critique, instructor comments, and extensive revisions. (45-0)

**ENG 195W Library Research Skills 2 Sem Hrs**  
Develops information literacy for success with college-level academic research. Credit may be earned in LIB 195W or ENG 195W but not in both. (30-0)

**ENG 205 English Internship I 1 Sem Hr**  
Prerequisite: ENG 116 with a "C" (2.0) minimum grade and discipline approval. Provides advanced hands-on experience through internship with approved off-site employer or organization with multimedia opportunities. Requires 5 hours per week under direct supervision of on-site internship coordinator. (0-75)

**ENG 210 English Internship II 2 Sem Hrs**  
Prerequisite: ENG 116 with a "C" (2.0) minimum grade and discipline approval. Provides advanced hands-on experience through internship with approved off-site employer or organization with multimedia opportunities. Requires 10 hours per week under direct supervision of on-site internship coordinator. (0-150)

**ENG 211 Advanced Composition 3 Sem Hrs**  
Prerequisite: A "C" grade or better in a college level composition II course or ENG 113 or permission of instructor. Continues to practice forms of academic writing such as the summary, report based upon research, and the analytical essay. Emphasizes writing process and examines the origins and purpose of academic discourse. Approaches may include workshops, conferencing, publication and word processing at the discretion of the instructor. (45-0)

**ENG 211H Advanced Composition 3 Sem Hrs**  
Prerequisite: A "C" grade or better in a college level composition II course and permission of Honors Program Office. Continues to practice forms of academic writing such as the summary, report based upon research, and the analytical essay. Emphasizes writing process and examines the origins and purpose of academic discourse. Approaches may include workshop, conferencing, publication and word processing at the discretion of the instructor. (45-0)

**ENG 213 Advanced Technical Communication 3 Sem Hrs**  
Prerequisite: ENG 112 or ENG 113 with a "C" (2.0) or better. Provides experience in the written and oral presentation of technical material. Includes practice in professional formal and informal written reports, research in technical, scientific, or medical topics. Strengthens skills in professional level writing style and applications. Practices online research, document production, and technology application. (45-0)

**ENG 214 Introduction to Professional Writing 3 Sem Hrs**  
Prerequisite: A "C" grade or better in a college level composition II course or permission of instructor. Introduces students to genres unique to professional writers, such as review writing, grant writing, freelance writing, and magazine writing, and will highlight issues of marketability. (45-0)

**ENG 216W New Media Writing 3 Sem Hrs**  
Prerequisite: A college level composition I course with a "C" grade or better, or permission of instructor. Focuses on creating multimedia texts and creatively and appropriately remediating print texts for interactive electronic environments, identifying and selecting the most appropriate media for a given purpose, and writing critically and knowledgeably about issues and questions raised by digital culture. (45-0)

**ENG 217 Advanced Reporting 3 Sem Hrs**

Prerequisite: ENG 116. Focuses on advanced journalistic techniques and news gathering methods, handling specialized assignments in government, crime, courts, sports, business and education plus editorial columns and entertainment reviews. Class members work on The Delta Collegiate. (30-30)

**ENG 230 English Internship III 3 Sem Hrs**

Prerequisite: ENG 116 with a "C" (2.0) minimum grade and discipline approval. Provides advanced hands-on experience through internship with approved off-site employer or organization with multimedia opportunities. Requires 15 hours per week under direct supervision of on-site internship coordinator. (0-225)

**ENG 253 Creative Writing: Poetry 3 Sem Hrs**

Prerequisite: A "C" grade or better in a college level composition II course. A course in the writing of poetry. Students are encouraged to develop their own poetry writing skills and understanding. In addition to other classroom activities, there are discussions and writing assignments. The instructor may also choose to require analysis of published poetry and criticism. (45-0)

**ENG 254 Creative Writing: Fiction 3 Sem Hrs**

Prerequisite: A "C" grade or better in a college level composition II course. Focuses on the writing of prose—chiefly short stories. Encourages students to develop their own writing styles. Includes other classroom activities, discussions and writing assignments, requiring analysis and criticisms of other students' work. (45-0)

**ENG 256 Creative Non-Fiction 3 Sem Hrs**

Prerequisite: A "C" grade or better in a college level composition II course or permission of instructor. Requires students to draw on personal experiences and viewpoints to produce a range of writing, and read and respond to published works of creative nonfiction. Includes reading memoirs, autobiographies, journals, essays, and other subjective literary forms. Emphasizes both generating and revising writing. (45-0)

**ENG 257 Advanced Creative Writing 3 Sem Hrs**

Prerequisites: ENG 253 or ENG 254 or ENG 256. Uses previous background in personal writing, fiction, or poetry. Includes work on style, voice, tone, vision, and other nuances in chosen genre. Includes peer critique, instructor comments, extensive revision, and close study of a contemporary or classic writer in the chosen genre. (45-0)

**ENG 258W Introduction to Screenwriting 2 Sem Hrs**

Prerequisite: A "C" grade or better in a college level composition I course or permission of instructor. Begins the exploration of screenwriting. Focuses on understanding the basics of the genre, especially formatting and movie planning. Includes peer critique, instructor comments, and extensive revision. (30-0)

**ENG 259W Advanced Screenwriting 2 Sem Hrs**

Prerequisite: ENG 258W. Builds from skills learned in ENG 258W. Explores character, plot, and dialogue development as they relate to screenwriting. Focuses on the completion of a short film screenplay or first thirty pages of a longer work. Includes peer critique, instructor comments, and extensive revision. (30-0)

**ENG 260W Writing Center Practicum 1 Sem Hr**

Prerequisite: A "C" grade or better in a college level composition I course or permission of instructor. Presents the theory and principles behind being a peer writing tutor. Requires application of knowledge through tutoring actual students in the Writing Center. (3-12)

**ENG 290-299 Special Projects in English Sem Hr****Entrepreneurship****ENT 101 Accounting for Entrepreneurs 3 Sem Hrs**

Focuses on small business accounting literacy, financial statement literacy, and decision making. Uses an integrated commercial accounting software package typically used by a small business. Teaches how to process basic accounting events affecting the small business. (45-0)

**ENT 131W Entrepreneurship/Small Business Management I 3 Sem Hrs**

Provides overview of small business and what is necessary to start a small business including small business in free enterprise, the entrepreneur, opportunities and trends, business plan, legal aspects, location, financing, organizational planning, and marketing. Assists those who are currently operating a small business. Uses case studies throughout the course. Credit may be earned in only one of the following courses: ENT 131, GB 131, or MGT 131. (45-0)

**ENT 132W Entrepreneurship/Small Business Management II 3 Sem Hrs**

Prerequisite: ENT 131 is recommended. Strengthens the entrepreneurial and management skills of those who are already in (or who may enter) business for themselves. Uses small business case studies extensively. Credit may be earned in only one of the following courses: ENT 132, GB 132, or MGT 132. (45-0)

**ENT 201 Financial Management for Entrepreneurs 3 Sem Hrs**

Prerequisite: ENT 101. MATH LEVEL 4 recommended. Focuses on developing skills for small business financial management. Uses tools and methods to help students prepare and analyze business financial statements, set short- and long-term business goals, and develop decision-making skills. Encourages students to use their own business or start-up concept to evaluate profitability, cost-volume-profit, forecasting, and working capital management. (45-0)

**ENT 221W Law for Entrepreneurs 3 Sem Hrs**

Prerequisites: READING LEVEL 4 or 5B and WRITING LEVEL 4 or 4B or instructor permission. Provides a legal framework for individuals planning to start their own business. Studies particular areas of law including sources of law, the court system, government regulation, international trade laws, intellectual property, contracts, sales, and employment law. (45-0)

**Environmental Science****ENV 100W Environmental Regulations 3 Sem Hrs**

Presents an overview of the regulations that are related to environmental protection, including OSHA regulations, Clean Air Act, SARA, RCRA and similar regulations. Provides an awareness of why the regulations exist, how they are enforced, penalties for noncompliance, and practical experience in interpretation of the regulations. (Cannot be counted toward Natural Science credit). (45-0)

**ENV 105 Introduction To Environmental Health & Safety 3 Sem Hrs**

Introduces students to the safety requirements and regulations needed to successfully direct a safety program on an industrial site. (45-0)

**ENV 130W Pollution Prevention 1 Sem Hr**

Provides a study of protecting the environment, reducing waste generation, environmental compliance, preventing future liability associated with non-compliance and improper disposal of hazardous wastes, and improving profitability of an operation through pollution prevention techniques and practices. (15-0)

**ENV 151W HAZWOPER Training 2.7 Sem Hrs**

Involves hands-on training in the use of personal protective equipment, monitoring and sampling techniques, and decontamination techniques relative to hazardous materials in the workplace. Emphasizes rationale for following specific procedures, evaluations, relative merits of equipment and materials used. Establishes criteria for evaluation of field experience. Meets requirements of 40 hour HAZWOPER training. May be offered through Delta College Corporate Services or credit by prior experience as reviewed by the Science Division. (Cannot be counted toward Natural Science credit.) (40-0)

**ENV 152 Emergency Response to Industrial Spills 1.6 Sem Hrs**

Provides mandated training (24 hours) for emergency response to industrial spills, including use of protective equipment, sampling techniques, and decontamination methods. May be offered through Delta College Corporate Services or credit by prior experience as reviewed by the Science Division. (Cannot be counted toward Natural Science credit.) (24-0)

**ENV 153 Confined Space Training 1.3 Sem Hrs**

Provides mandatory training (20 hours) required for confined space entry relative to hazardous materials spills and contamination in the industrial sector. Includes protocols, monitoring methods, types and use of protective gear, and communication methods necessary to protect workers in potentially hazardous confined space. May be offered through Delta College Corporate Services or credit by prior experience as reviewed by the Science Division. (Cannot be counted towards Natural Science credit.) (20-0)

**ENV 154 Hazardous Materials Shipping and Handling 0.4 Sem Hr**

Provides training pertinent to the mandatory protocols for the shipping and handling of hazardous materials, including packaging, labeling documentation, and placarding. May be offered through Delta College Corporate Services or credit by prior experience as reviewed by the Science Division. (Cannot be counted towards Natural Science credit.) (6-0)

**ENV 290-299 Special Projects in Environmental Science Courses****ENV 310W Environmental Site Assessments 3 Sem Hrs**

Provides overview of standard methods for assessing recognized environmental conditions affecting commercial real estate. Covers standard procedures that aid in the environmental assessment of properties for potential legal and economic impacts of pre-existing environmental conditions. Includes legal responsibilities, financial penalties, safe working conditions, and legally accepted standard procedures for environmental site assessment. Emphasizes ASTM Phase I & II including analysis of case studies. Includes participation in an environmental site assessment. (45-0)

**ENV 320W Environmental Management Systems 3 Sem Hrs**

Provides a systematic method of assessing an organization's environmental aspects that protect the environment and the organization from fines and other regulatory penalties. Identifies and addresses environmental issues through standardized environmental management systems. Focuses on ISO 14000 environmental management standards. (45-0)

**Electrical Technology****ET 110W DC Electrical Fundamentals 3 Sem Hrs**

Prerequisite: Any approved Physics with a grade of "C" or better. Introduces basic electrical theory and the components that make up electrical circuits. Includes resistive, capacitive, and inductive components in series and parallel, DC combinations, Ohm's Law, Kirchhoff's current and voltage laws, the voltage divider rule, and RC time constants. Uses a digital multimeter and oscilloscope to build and troubleshoot DC circuits. Includes but is not limited to basic circuits, electrical components and their applications; covers hands-on reinforcement of theory during lecture. (30-30)

**ET 120 AC Electrical Fundamentals 3 Sem Hrs**

Prerequisite: Any Physics course with a grade of "C" or better. Analyzes and measures electrical circuits. Examines properties of voltage and current, and describes transformer characteristics. (30-30)

**ET 122 Programmable Logic Controllers 4 Sem Hrs**

Prerequisite: ET120 with a grade of "C" or better: Introduces students to programmable logic controllers (PLCs) along with the interface to hydraulic/pneumatic systems and sensors. Focuses on the underlying principles of how PLCs work and provides knowledge and hands-on training to program, modify, interface, troubleshoot, and maintain PLC systems both on- and off-line. Emphasizes a hands-on approach to system analysis, critical thinking, solutions to open-ended problems, and computer usage and teamwork. Demonstrates proper safety techniques and proper use of personal protective equipment. No previous knowledge of PLC systems or programming is required. Credit may be earned in ET 122 or SKEL 122 but not both. (30-30)

**ET 130 Advanced Electrical Applications 3 Sem Hrs**

Prerequisite: ET120 with a grade of "C" or better: Identifies motor components for a practical application. Develops skills of motor control wiring, connection diagrams, and ladder diagrams while complying with National Electric Code requirements. Applies knowledge to select, connect, and configure an electrical motor application. (30-30)

**ET 140 Fundamentals of Electrical Motors and Motor Controls 3 Sem Hrs**

Prerequisite: ET120 with a grade of "C" or better: Introduces the theory and application of AC and DC electrical machines and their controls. Includes DC generators, DC motors and controls, 3-phase power, 3-phase transformers, alternators, 3-phase and single phase AC motors and controls, electronic motor drives, synchronous motors, servo motors, and stepper motors. Configures, installs, and operates direct current and alternating current motors. (30-30)

**ET 162 Industrial Robotics I 3 Sem Hrs**

Prerequisites: ET 120 and MT 220; Studies modern industrial robotic systems. Introduces the operation, use and safety of industrial robots. Includes feedback mechanisms, actuators, sensors, power supplies, micro-controllers, P.C. computer control and programming. Emphasizes a hands-on approach to system analysis, critical thinking, solution to open-ended problems, computer usage, and teamwork. Credit may be earned in ET 162 or SKET 162 but not both. (15-30)

**ET 164 Robotics Electrical Service & Troubleshooting 3 Sem Hrs**

Prerequisites: ET 120 and MT 220; Identifies the electrical components of robots, theory of operation. Introduces proper troubleshooting procedures for the robot controller and manipulator. Approximately 50 percent of the course is hands-on troubleshooting of actual robot system and controller. Credit may be earned in ET 164 or SKET 164 but not both. (15-30)

**ET 262 Industrial Robotics II 3 Sem Hrs**

Prerequisite: ET 162. Emphasizes programming, advanced manipulation, grip load instructions, velocity and acceleration instruction, offline editing, handling errors, and robot configuration. Discusses programming concepts and structures in the C+ programming language, industry-like applications and system integration projects. Emphasizes a hands-on approach to system analysis, critical thinking, solutions to open-ended problems, computer usage, and teamwork. Credit may be earned in ET 262 or SKET 262 but not both. (15-30)

## French

**FR 111 French One 4 Sem Hrs**  
Introduces basic grammatical structures and vocabulary of modern spoken and written French and to correct pronunciation patterns by means of oral-aural practice, small group interaction, reading of simple texts, and written exercises. Introduces certain aspects of francophone culture and to the differences between the French and the English languages. Expects supplemental (outside of class) listening, reading, speaking, and writing using ancillary materials and the textbook's Internet site. (60-0)

**FR 112 French Two 4 Sem Hrs**  
Prerequisite: FR 111 with a grade of "C" or better, or one semester of college-level French, or one year of high school French, or permission of instructor. Continues to introduce students to the basic grammatical structures and vocabulary of modern spoken and written French and to correct pronunciation patterns by means of oral-aural practice, small group interaction, reading of simple texts, and written exercises. Continues to introduce students to certain aspects of francophone culture and to the differences between the French and English languages. Expects supplemental (outside of class) listening, reading, speaking, and writing using ancillary materials and the textbook's Internet site. (60-0)

**FR 211W French Three 4 Sem Hrs**  
Prerequisite: FR 112 or two semesters of college-level French, or two years of High School French, or permission of instructor. Continues to introduce students to the basic grammatical structures and vocabulary of modern spoken and written French and to correct pronunciation patterns by means of oral-aural practice, small group interaction, reading of simple texts, and written exercises. Continues to introduce students to certain aspects of francophone culture and to the differences between the French and the English languages. Conducts class in French as much as possible. Expects supplemental (outside of class) listening, reading, speaking, and writing work using ancillary materials and the textbook's Internet site. (60-0)

**FR 212W French Four 4 Sem Hrs**  
Prerequisite: FR 211, or three semesters of college-level French, or three years of High School French, or permission of instructor. Instructs at the Intermediate level in French. Increases and expands vocabulary through a review of grammar covered in previous courses. Increases written and verbal accuracy and fluency, and increases ability to understand written and spoken French. Provides the opportunity to deepen cultural awareness and sensitivity, and awareness of the cultural richness and diversity that characterizes the Francophone world. Expects supplemental (outside of class) listening, reading, speaking, and writing work using ancillary materials and the textbook's Internet site. (60-0)

**FR 290-299 Special Projects in French Sem Hr**

## Fire Science Technology

**FST 101W Introduction to the Fire Service 3 Sem Hrs**  
The student will analyze national fire problems, examine fire prevention procedures, identify fire fighters equipment, interpret fire codes and standards, recognize transportation hazards, study wild-fire methods, work with outside fire agencies, identify citizen responsibility, and study future fire problems. (45-0)

**FST 102W Fireground Tactics 3 Sem Hrs**  
Prerequisite: FST 101 or FST 112. Analysis of basic rules of fire fighting strategy, defining engine company responsibilities, determining ladder company functions, correlating MUTUAL AID fires, and general fire problems will be included. (45-0)

**FST 103W Building Construction 3 Sem Hrs**  
Provides a comprehensive look at the methods and practices employed in residential construction as it pertains to fire science. Structural design, blueprints, building materials, and mechanical considerations are covered. (45-0)

**FST 104W Arson Awareness 3 Sem Hrs**  
A comprehensive study of national, state and local arson problems. Examines the local fire department role in reducing arson related fire losses. Examines the duties of and assistance provided by governmental agencies and the private sector. Analyzes local fire statistics to enable the development of an arson data system. Develops effective arson mitigation strategies. (45-0)

**FST 105W Hazardous Materials/Emergency Responder 3 Sem Hrs**  
A comprehensive study of the physical, chemical, and toxicological characteristics of hazardous materials needed to safely and productively address emergency situations that can occur with these substances. (45-0)

**FST 107W Fire Protection Systems I 3 Sem Hrs**  
A comprehensive study of fire protection systems in buildings. Include design, blueprints, inspection and maintenance of automatic sprinkler systems, standpipe systems, special automatic extinguishing systems, smoke control systems, automatic and manual fire alarm systems, rated fire assemblies and other protection found in structures that help retard the propagation of fire. (45-0)

**FST 111 Fire Fighter IA 6 Sem Hrs**  
FST 111 and FST112 must be taken together. Prepares a participant to test for MFFTC certification as Fire Fighter I based on the Michigan Fire Fighters Training Council IFSTA curriculum. Contains an in-depth menu of information and exercises that meet the National Fire Protection Association (NFPA) 1001 standard. (90-0)

**FST 112 Fire Fighter IB 6 Sem Hrs**  
FST111 and FST 112 must be taken together. Continues to investigate the Michigan Fire Fighters Training Council IFSTA curriculum and prepares a participant to test for MFFTC certification as Fire Fighter I. Contains an in-depth menu of information and exercises that meet the National Fire Protection Association (NFPA) 1001 standard. (90-0)

**FST 114 Firefighter Safety and Survival 0.8 Sem Hr**  
Increases awareness of seriousness of firefighter injury/death problem; identifies firefighter responsibility for reducing injuries and deaths, and provides information to improve safety considerations through all aspects of a company officer's job. (12-0)

**FST 115 Managing Company Tactical Operations: Preparing (MCTO:P) 0.8 Sem Hr**  
Provides basic foundation for management of one or more companies operating at a structural fire emergency. Focuses on basic concepts: Roles and Responsibility, Readiness, Communication, Building Construction, Fire Behavior and Pre-incident Preparation. (12-0)

**FST 116 Building Construction Principles 0.8 Sem Hr**  
Improves student's ability to assess building stability and resistance to fire through an understanding of principles in construction type, alterations, design, and materials that influence a building's reaction to fire. (12-0)

**FST 117 Managing Company Tactical Operations: Decision Making (MCTO:D) 0.8 Sem Hr**  
Prepares Fire Officers and Crew Leaders for appropriate response, decision making and tactical operations of one or more companies in structural fire fighting. (12-0)

**FST 118W Records and Reports 0.4 Sem Hr**  
Introduces various records and reports the fire officer will encounter: describes and demonstrates selected standard procedures in compiling information and exposes student to methods of writing and presenting reports. (6-0)

**FST 120W Fire Service Educational Methodology 1 Sem Hr**  
Develops skill in preparing instructional objectives, designing effective lesson plans, developing evaluation instruments, and creating state-of-the-art media. (15-0)

**FST 133W Computer Aided Management  
Emergency Operations 3 Sem Hrs**

Emphasized the use of Computer Aided Management of Emergency Operations (CAMEO), Areal Locations Of Hazardous Atmosphere (ALOHA), and Mapping Applications for Response and Planning of Local Operational Tasks (MARPLOT) software which provides a tool to manage emergency response, emergency planning and regulatory compliance of hazardous substance in or near their communities. Focuses on basic and advanced applications to provide computer skills to individuals, response teams and first responders to plan for the safe handling of chemical accidents. (45-0)

**FST 202W Fire Officer I 5 Sem Hrs**

Prerequisite: FST 211 and FST 301. Presents "real world contemporary issues" that pose a challenge to supervisory leadership skills of the first line officer. Involves administrative and operational issues at the company/organizational level. Stimulates critical and creative thought process toward what we should be doing versus what we are actually doing as company officers. (60-15)

**FST 203W Fireground Management 3 Sem Hrs**

Prerequisite: FST 102 or FST 112. A comprehensive study of the roles of the fireground commander including positioning the command post, equipment, and personnel on the scene, strategies for staging and sectoring operations along with command procedures and maintaining communications on the fireground. (45-0) (Every other year)

**FST 204 Fire Service Instructional  
Methodology 3 Sem Hrs**

The student will have an opportunity to learn how to effectively organize and teach a lesson or course following the criteria in NFPA's Fire Service Instructional Professional Qualifications Level I (1976). (45-0) (Every other year)

**FST 205W Hazardous Materials/Emergency  
Operations 3 Sem Hrs**

Prerequisite: FST 105. A comprehensive study of chemical transportation containers, emergency response equipment, and emergency response procedures needed to safely and productively address emergency situations that can occur with hazardous materials. (45-0)

**FST 206 Confined Space Management & Rescue 4 Sem Hrs**

Provides participants with the knowledge and skills to minimize or eliminate hazards associated with entry into a permit required confined space. Focuses on OSHA 29 CFR 19190.146 and Michigan Department of Commerce and Industrial Services 325.3001 standards regulating the roles of entry supervisor, entrant, attendant and rescuer. Includes non-permit confined spaces hazards and entry conditions. Includes a hands-on entry and rescue simulation workshop. (45-15)

**FST 207W Fire Protection Systems II 3 Sem Hrs**

Prerequisite: FST 107. A comprehensive study of fire protection system in buildings. Includes design standards, conducting plan review, inspection, testing and maintenance of fire alarms, automatic detection devices, manual devices, automatic sprinklers, foam-water, water spray, standpipe, water supply and automatic chemical agent systems. (45-0)

**FST 208W Fire Officer II 3 Sem Hrs**

Prerequisite: FST 202. Focuses on highly specialized and complex technical issues the company officer must confront. Presents the inner workings and dynamics of a typical fire service organization. Involves decision making matrix process that embraces administrative functions and strategic planning of a mid-level company officer. Prepares the company officer in the management of multi-unit response operations; water supply, staging, safety, division/sector, exposure protection and unified command functions. (45-0)

**FST 211 Fire Fighter II 4 Sem Hrs**

Prerequisite: FST111 & FST112. Prepares a participant to test for MFFTC certification as Fire Fighter II based on the Michigan Fire Fighters Training Council IFSTA curriculum. Contains an advanced in-depth menu of information and exercises that meet the National Fire Protection Association (NFPA) 1001 standard. (60-0)

**FST 213 Managing Company Tactical  
Operations: Tactics (MCTO:T) 0.8 Sem Hr**

Prerequisite: FST117. Examines rescue and ventilation, confinement and extinguishment, water supply, exposures and defensive operations, and salvage, overhaul, and support. Concludes with a major fire simulation activity. (12-0)

**FST 214 Arson Detection for the First  
Responder 0.8 Sem Hr**

Provides clear definition of the role of initial responder organizations, and essential knowledge to enable them to recognize the potential of an intentionally set fire, preserve evidence, and properly report the information to appropriate officials. (12-0)

**FST 215 Introduction to Fire Inspection  
Principles and Practices (IFIPP) 2 Sem Hrs**

Advances professional development of fire service personnel in conducting fire prevention inspections and the rapid changes in the field of fire prevention technology. Includes code enforcement, inspection techniques, common and special hazards, behavior of fire, building construction, fire protection systems and life safety features. (30-0)

**FST 216 Building Construction  
Non-Combustible/Fire Resistive 0.8 Sem Hr**

Improves ability of students to assess building stability and resistance to fire while improving operational effectiveness. Includes structural material, principles of fire growth, smoke movement and special problems. (12-0)

**FST 217 Fire Service Supervision: Personal  
Effectiveness 0.8 Sem Hr**

Presents current research on management, leadership, stress, and time management and shows how to adapt information presented to personal specific management context. (12-0)

**FST 218 Fire Service Supervision: Team  
Effectiveness 0.8 Sem Hr**

Demonstrates how communication, motivation, counseling, and the principles of conflicts resolution and group dynamics may be used to promote efficient group functioning and member satisfaction. (12-0)

**FST 219 Fire Protection Hydraulics & Water  
Supply 3 Sem Hrs**

Prerequisites: FST 211 and MATH LEVEL 4. Provides a foundation of theoretical knowledge in order to understand the principles of the use of water in fire protection and to apply hydraulic principles to analyze and to solve water supply problems. (45-0)

**FST 219L Fire Protection Hydraulics & Water  
Supply Lab 1 Sem Hr**

Prerequisites: FST 211 and MATH LEVEL 4. Concurrent or previous enrollment in FST 219. Applies theoretical knowledge, in a lab environment, through hands-on operation of pumping apparatus. (0-15)

**FST 220 Strategy & Tactics for Initial  
Company Officer 1 Sem Hr**

Meets the needs of company officers responsible for managing the operations of one or more companies during structural firefighting operations. (15-0)

**FST 224W Fire Investigation 3 Sem Hrs**

An in-depth basic course which defines successful methods for conducting fire investigations. Specific topics include basic chemistry of fire, point of origin and fire cause, both accidental and incendiary, motivation of the firesetter, fire scene investigation, evidence collection, photography, follow-up investigation and court presentation. (45-0)

**FST 230 Fire Safety Education 3 Sem Hrs**

A comprehensive study of national state and local fire safety education program strategies. Implementation of the five step planning process at the local level. Development of skills necessary to organize, plan and use sound management of financial, material, and human resources to reach designated goals and objectives, to address the demonstrated fire safety education needs of the local community. (45-0) (Every other year)

**FST 231 Fire Service Law 3 Sem Hrs**

Basic introduction to the legal considerations that can affect the professional lives of members of the fire service, fire service-related occupations, and those who aspire to careers in the fire service. (45-0) (Every other year)

**FST 240 Internship in Fire Science 2 Sem Hrs**

Prerequisite: Minimum 15 credits in Fire Science courses and faculty permission. Provides the opportunity to observe and practice technical applications in the field. (0-100)

**FST 280W Company Officer 1 & 2 4 Sem Hrs**

Prerequisite: FST 115, FST 117, FST 120, FST 211, FST 220, FST 301, FST 307. Focuses on highly specialized and complex technical issues the company officer must confront. Presents the inner workings and dynamics of a typical fire service organization. Involves decision making matrix process that embraces administrative functions and strategic planning of a mid-level company officer. Prepares the company officer in the management of multi-unit response operations; water supply, staging, safety, division/sector, exposure protection and unified command functions. Credit may be earned in FST 280 or the combination of FST 202 and 208 but not in both. (60-0)

**FST 290-299 Special Projects in Fire Science Technology****FST 300W Fire Officer III 3 Sem Hrs**

Provides basic leadership skills for personal, company and supervisory success. Includes health and safety risk management, program implementation, and incident management system. Credit may be earned in either FST 300 or FST 302, 303, 304, and 305 combined. (45-0)

**FST 301 Incident Command System 1 Sem Hr**

Focuses on the fire officer's and manager's responsibilities to use, deploy, implement, and/or function within a department Incident Command System. (15-0)

**FST 302 Leadership I Strategies for Company Success 1 Sem Hr**

Presents the basic leadership skills and tools needed to perform effectively in the fire service environment. Includes techniques and approaches to problem solving, ways to identify and assess the needs of the company officer's subordinates, methods for running meetings effectively, and decision-making skills. Credit may be earned in either FST 300 or FST 302, 303, 304, and 305 combined. (15-0)

**FST 303 Leadership II Strategies for Personal Success 1 Sem Hr**

Provides the basic leadership skills and tools needed to perform effectively in the fire service environment. Includes ethics, use and abuse of power, creativity, and management of the multiple roles of a leader. Credit may be earned in either FST 300 or FST 302, 303, 304, and 305 combined. (15-0)

**FST 304 Leadership III Strategies for Supervisory Success 1 Sem Hr**

Provides the various leadership skills and tools to perform effectively in the fire service environment. Includes delegation to subordinates, assessment of personal leadership styles through situational leadership, discipline, coaching and motivating techniques. Credit may be earned in either FST 300 or FST 302, 303, 304, and 305 combined. (15-0)

**FST 305 Firefighter Health and Safety: Program Implementation & Management 1 Sem Hr**

Focuses on the problem of firefighter health and safety, and the design and implementation of a departmental safety program. Includes command issues, policies and programs addressing health and safety in emergency situations. Credit may be earned in either FST 300 or FST 302, 303, 304 and 305 combined. (15-0)

**FST 306 Shaping the Future 1 Sem Hr**

Focuses on the skills and techniques that a mid-level manager needs to provide leadership and direction in the fire service. Includes discussions on the use of environmental scanning as a tool, the concepts of paradigm shifts, and methods to reframe problems accurately. (15-0)

**FST 307 Incident Safety Officer 1 Sem Hr**

Focuses on the increasing awareness to a wide variety of emergency situations. Teaches what a safety officer at an incident needs to know using scenarios to convey instructional points. (15-0)

**FST 308 Health and Safety Officer 1 Sem Hr**

Examines the role of the Health and Safety Officer in policy and procedure issues that affect the health and safety of emergency responders; emphasizes risk analysis, wellness, program management, and other occupational safety issues. (15-0)

**FST 332W Advanced Fire Administration 3 Sem Hrs**

Examines the organization and management of the fire service. Discusses new technologies, deployment of resources available, personnel and equipment costs, municipal fire protection planning, statistics and reporting systems, training and finances. (45-0)

**FST 334W Fire Prevention Organization & Management 4 Sem Hrs**

Presents an overview of history, philosophy, techniques, procedures, programs of private and public agencies involved with fire prevention, organization and administration of code enforcement, licenses, permits, zoning, inspections, investigations, education and analysis of statistics. Includes off site field trips. (45-15)

**FST 338W Contemporary Issues In The Fire Service 3 Sem Hrs**

Examines issues having impact on the fire service to include past, present and future concerns and trends. Discusses current political, policies, practices, deployment and events within the fire service and related professions and technologies. (45-0)

**German****GE 111 German One 4 Sem Hrs**

Acquisition of proper pronunciation, basic grammatical structures and vocabulary of modern spoken and written German by means of oral practice, reading or simple texts, and written exercises. (60-0)

**GE 112 German Two 4 Sem Hrs**

Prerequisite: GE 111 or one year of high school German. A continuation of GE 111. (60-0)

**GE 211 German Three 4 Sem Hrs**

Prerequisites: GE 111 and GE 112. Applies the important grammar rules that have been used and practiced in German One and German Two. Reviews in depth the context of conversation exercises, reading excerpts of contemporary original literacy and journalistic pieces. Exposes students to the living spoken and written language to develop a feeling for the language, which is quite necessary for such a complicated language as German. (60-0)

**GE 212 German Four 4 Sem Hrs**  
Prerequisites: GE 111, GE 112 and GE 211. Applies the important grammar rules that have been used and practiced in German One, Two, and Three. Reviews in depth the context of conversation exercises, reading excerpts of contemporary original literary and journalistic pieces. Provides exposure to the living, spoken and written language to develop a feeling for the language. (60-0)

**GE 290-299 Special Projects in German Sem Hr**

## Geography

**GEO 103W Introduction To Meteorology 4 Sem Hrs**  
Prerequisite: MATH LEVEL 3. Provides study of the fundamentals of weather including the underlying physical processes of the atmosphere, general circulation, weather patterns, and severe weather events. Develops an understanding of weather map analysis and forecasting. Uses extensive laboratory applications related to atmospheric study including graphing, drawing isopleths, data analysis, and access to real-time weather information. (45-15)

**GEO 111 Physical Geography 4 Sem Hrs**  
Studies the natural environment which is important to people and their activities; introduction to maps and physical features; earth-sun-moon relationships; earth materials, land forms; drainage; and major natural resources. Introduces weather and climate, soils and vegetation -- their character, causes, significance and distribution. (45-30)

**GEO 113W World Cultural Geography 4 Sem Hrs**  
Examines essential geographic characteristics and concepts of selected cultural regions of the world. Compares and contrasts these regions in terms of their present and potential development using examples from both the western and non-western world. (60-0)

**GEO 116W Professional Global Awareness 1 Sem Hr**  
Heightens awareness of cross-cultural understandings. Develops strategies in building business relationships in the global market. (15-0)

**GEO 222 Geography of Asia 3 Sem Hrs**  
Regional geographic interpretation of the area as a continent. Study of relationships of physical, economic, social and political environment activity. (45-0)

**GEO 223 Geography of Europe 3 Sem Hrs**  
Similar to Geography 222 but applied to Europe. (45-0)

**GEO 226 Geography of United States and Canada 3 Sem Hrs**  
Similar to Geography 222 but applied to the United States and Canada. (45-0)

**GEO 255W Third World Development 4 Sem Hrs**  
Using a multidisciplinary approach, describes and analyzes processes and conditions which created and maintain the "Third World." Addresses population, physical environment, historical, political, social and economic factors. Explores and applies current concepts and development theories. Credit may be earned in GEO 255 or SOC 265, but not in both. (60-0)

**GEO 260 Geography of the Pacific Islands 3 Sem Hrs**  
Prerequisite: Permission of the instructor. A regional geographic interpretation of the Pacific Islands emphasizing their physical, environmental and cultural patterns, and their economic development. Study will focus on three subregions: Polynesia, Melanesia and Micronesia. Field work in the Pacific Islands will be required. Students must pay own expenses. (45-0)

**GEO 261 Geography of Caves & Karst Topography 1 Sem Hr**  
Study focuses on the role of solution in forming caves and in landscape formation (karst topography). Formation of stalactites, stalagmites, flowstones and other crystal formations are also studied. Students are required to participate in weekend field trip to Mammoth Cave National Park, Kentucky. Students must pay own expenses. (15-0)

**GEO 262 The Geography of the Canadian Shield 1 Sem Hr**  
Focuses on the interrelationships between humans and the physical environment of this, the largest of the landform provinces of Canada. Major topics include the physical environment, natural resources, recreation, and settlement patterns. Required classroom work, travel and field research will help the students to develop their understanding of this wilderness area. Student must pay own expenses for field trip. (15-0)

**GEO 267 Geography of Continental Glaciation 1 Sem Hr**  
Reviews the causes and consequences of continental glaciation. Topics include climatic change, past and present distribution of continental glaciers and landscape features formed by glaciation. The possibility of the world entering another "Ice Age", will also be discussed along with what social modifications might be necessary if this should happen. Field work in a glaciated area will be included. Students must pay own expenses. (15-0)

**GEO 268 International Studies In Geography 1-4 Sem Hrs**  
Provides a geographic interpretation of selected world regions. Emphasis on the region's physical and cultural environments. Includes class lectures, individual consultation, and international field study. Expenses for the field study are the responsibility of the student (15-60,0)

**GEO 290-299 Special Projects in Geography Sem Hr**

## Geology

**GLG 102 Volcanoes and Earthquakes 1 Sem Hr**  
A study of the internal dynamics of the earth. Major topics will include: catastrophic events in historic times, products of vulcanism, volcanic rocks, vulcanism and geothermal energy, relationship to earthquakes and volcanoes to plate tectonics, interpretation of earthquake records, man-made earthquakes, earthquake prediction and control. (15-0)

**GLG 111 Physical Geology 4 Sem Hrs**  
Study of the overall structure of the earth and the rocks which form the crust. An introduction to the processes of erosion and weathering caused by the work of natural agents such as water and ice. Discussion of Plate Tectonic Theory and implications. Laboratory study of common rocks, minerals and selected fossils. Field trips optional. (45-30)

**GLG 112 Evolution of the Earth 4 Sem Hrs**  
Prerequisite: GLG 111. Study of the history of the Earth as recorded in rocks. Description of continental structural development in terms of plate tectonics using North America as the principal example. Origin and evolution of life. Laboratory work includes studies of invertebrate fossils and geologic map interpretation. Field trips optional. Formerly called Historical Geology. (45-30) (Odd numbered years only)

**GLG 115 Introduction to Oceanography 4 Sem Hrs**  
Explores how the ocean stabilizes the Earth's surface environment. Includes global temperature distributions, El Nino events, ozone depletion, and global warming. Considers the origins and evolution of the ocean basins, currents, circulation patterns, and physical and chemical properties of seawater. Investigates the impact of humans on the marine environment, including shoreline changes, pollution effects, and extraction of natural resources. May include optional field trip to view shoreline features of the Great Lakes. (45-30)

**GLG 118 Geology and Dinosaurs 4 Sem Hrs**

Designed for non-science as well as science majors who are interested in the basic principles of geology and in the study of dinosaurs. Introduces the student to the physical earth, its rocks, minerals, and external processes. Examines the theory of Plate Tectonics and the changing shape of the continents during the time of dinosaurs. Investigates the concepts of geologic time, evolution, and fossilization as related to the study of dinosaurs. Reviews new and controversial theories, including dinosaur extinction, metabolism, and behavior. Optional field trip to view museum specimens. Credit may be earned for GLG 117 or GLG 118 but not both. (45-30)

**GLG 119 Introduction to Field Paleontology 3 Sem Hrs**

Introduces basic skills and techniques of the field paleontologist. Reviews the history and development of field paleontology. Emphasizes where to locate various fossils and the likelihood of preservation. Teaches proper documentation skills and other methods of recording fossil finds. Covers the use of plaster casts, glues, and extraction tools practiced in a field setting. Field trip required. Students must pay own expenses. (45-0)

**GLG 122 Geology of Michigan 3 Sem Hrs**

An interpretation of the origin and characteristics of the principal geological features of Michigan through the application of basic geological principles. Includes some identification of rocks, minerals and fossils. Occasional field trips. (45-0)

**GLG 123 Geology of the Great Lakes Area 2 Sem Hrs**

An interpretation of the principal geological features of the Great Lakes region through the application of basic geological principles. Includes some identification of rocks, minerals, and fossils. Field trip required. Students must pay own expenses. (30-0)

**GLG 125 Geology of the National Parks 3 Sem Hrs**

A study of the origin of geologic features of selected national parks. Includes an analysis of rocks, minerals, fossils, and physical landscapes as well as the geologic history of varied regions of the United States. Interpretation of topographic and geologic maps of selected areas. (45-0)

**GLG 130 Environmental Geology 4 Sem Hrs**

Introduces geology as it relates to human activities, and is designed for both non-science majors and students interested in an environmental career. Emphasizes geologic hazards, including earthquakes, volcanic eruptions, flooding, mass movements, and pollution of water and soil resources. Examines waste disposal along with related topics in medical geology and environmental law. Optional field trip(s) to waste disposal sites and/or remediation sites. (45-30)

**GLG 230 Introductory Field Methods in Hydrogeology 2 Sem Hrs**

Prerequisite: Successful completion (grade of "C" or better) in GLG 111, or GLG 130, or BIO 110. Introduces the field techniques used in environmental site assessment, ground water monitoring, and ground water testing. Includes soil water sampling, ground water sampling, water quality testing, and water level recording. Explores topics of geophysical surveying, water well installation, piezometer installation and techniques to determine the direction of ground water flow. (15-45)

**GLG 262AW Geology of Mackinac Island 1 Sem Hr**

Studies the bedrock geology and glacial features of Mackinac Island and surrounding areas, including Tahquamenon Falls. Weekend field trip required with students paying their own expenses. (15-0)

**GLG 262BW Geology of Pictured Rocks 1 Sem Hr**

Studies the bedrock geology and geologic setting of Pictured Rocks National Lakeshore, including surrounding rocks and water falls. Weekend field trip is required with student paying their own expenses. (15-0)

**GLG 262W Geology of the Canadian Shield 1 Sem Hr**

Studies the geologic and geographic features of the Lake Superior region of Canada. Includes topics such as rock types, origin of landscape features, physical environments, natural resources, and relationships of humans with the environment. Weekend field trip required with students paying their own expenses. (15-0)

**GLG 266 Geology of the Grand Canyon 2 Sem Hrs**

Prerequisite: Permission of Instructor. A study of the origin and distribution of the geologic features of the Grand Canyon of Arizona. Major topics include rock types, origin of landscape features, geologic history of the Grand Canyon, and human impact of the environment. Field work in the Grand Canyon is required. Students must pay own expenses. (30-0)

**GLG 267 Geology of Northern Lower Michigan 1 Sem Hr**

Studies the rocks and glacial features of the lower peninsula of Michigan. Includes rock types, origin of landscape features, and studies of the exposed bedrock geology. Weekend field trip required with students paying own expenses. (15-0)

**GLG 268 International Studies in Geology 1-4 Sem Hrs**

Provides a geologic interpretation of selected world regions. Emphasis on physical environments, natural geologic processes, and geologic history of the study area. Includes class lectures, individual consultation, and international field study. Expenses for the field study are the responsibility of the student. (15-60,0)

**GLG 290-299 Special Projects in Geology Sem Hr****History****HIS 111CW A Survey of Early Western Civilization 4 Sem Hrs**

Requires enrollment in a learning community. Studies political, social, economic and cultural history of Europe from prehistoric times through the 1500's. Gives particular attention to civilizations and their relevant contributions to the modern world. Credit may be earned in only one of HIS 111, HIS 111CW, or HIS 111H. (60-0)

**HIS 111HW A Survey of Early Western Civilization - Honors 4 Sem Hrs**

Prerequisites: LEVEL 4 READING and LEVEL 2 WRITING and permission of the Honors Office. Studies political, social, economic and cultural history of Europe from prehistoric times through the 1500's. Gives particular attention to civilizations and their relevant contributions to the modern world. Provides opportunities to engage in independent intellectual inquiry to foster deeper learning. Credit may be earned in HIS 111 or HIS 111H but not in both. (60-0)

**HIS 111W A Survey of Early Western Civilization 4 Sem Hrs**

Prerequisites: LEVEL 4 READING or LEVEL 2 WRITING. Studies political, social, economic and cultural history of Europe from prehistoric times through the 1500's. Gives particular attention to civilizations and their relevant contributions to the modern world. Credit may be earned in HIS 111 or HIS 111H but not both. (60-0)

**HIS 112HW A Survey of Later Western Civilization - Honors 4 Sem Hrs**

Prerequisites: LEVEL 4 READING and LEVEL 2 WRITING and permission of the Honors Office. HIS 111 recommended. Studies political, social, economic, and cultural history of Europe from the 1600s to the present time. Gives particular attention to cultural and democratic movements and their influence on current history. Provides opportunities to engage in independent intellectual inquiry to foster deeper learning. Credit may be earned in only one of HIS 112, HIS 112H, HIS 111 or HIS 111H. (60-0)

**HIS 112W A Survey of Later Western Civilization 4 Sem Hrs**

Prerequisites: LEVEL 4 READING or LEVEL 2 WRITING. HIS 111 recommended. Studies political, social, economic, and cultural history of Europe from the 1600s to the present time. Gives particular attention to cultural and democratic movements and their influence on current history. Credit may be earned in HIS 112 or HIS 112H but not both. (60-0)

**HIS 214W Early African-American History Pre-European Africa to 1877 3 Sem Hrs**

Prerequisites: READING LEVEL 4 or WRITING LEVEL 2. Examines the transition of Africans to Afro-Americans, the Americanized institution of slavery, the development of the Afro-American community, and its impact on the culture and society of the new world. Also examines Afro-American resistance to slavery, free Afro-Americans, and the participation of the Afro-American community in the Civil War and Reconstruction. (45-0)

**HIS 215W Recent African-American History: Since 1850 3 Sem Hrs**

Prerequisites: READING LEVEL 4 or WRITING LEVEL 2. Focuses on the ideological, strategic and demographic changes and conflicts of Afro-Americans since emancipation, with special emphasis on legal and extra-legal terror and the many social movements including Bookerism, Garveyism, Pan-Africanism, "The King Years" (specifically 1955-1968), and the post-King era. Examines emerging Africa, new-racism, and the diversity within the current Afro-American community. (45-0)

**HIS 217W Hispanics in the U.S. 3 Sem Hrs**

Prerequisites: READING LEVEL 4 or WRITING LEVEL 2. Surveys the social, cultural, economic and political history of Hispanic Americans (Spanish-speaking), which includes groups such as Mexican-Americans, Cuban-Americans and Puerto Rican-Americans, with emphasis on Mexican-Americans. Analyzes the present status of different Hispanic groups and the problems that minority groups encounter in American society. (45-0)

**HIS 221W Early American History 3 Sem Hrs**

Prerequisites: LEVEL 4 READING or LEVEL 2 WRITING. Introduces American history from its immediate European background through the Civil War Era. Emphasizes the growth of institutions and ideas. Also examines the political, economic, and social experiences of the young Republic, and their influence on contemporary America. (45-0)

**HIS 222CW Recent American History 3 Sem Hrs**

Requires enrollment in a learning community. Surveys modern America from the Gilded Age to the present emphasizing the formation of American character traits. Examines topics such as the frontier, abundance, growth of government and regulation, the Depressions, and the Cold War for their influence upon the development of the American individual. Credit may be earned in HIS 222W or HIS 222CW, but not both. (45-0)

**HIS 222W Recent American History 3 Sem Hrs**

Prerequisites: LEVEL 4 READING or LEVEL 2 WRITING. Surveys modern America from the Gilded Age to the present emphasizing the formation of American character traits. Examines topics such as the frontier, abundance, growth of government and regulation, the Depressions, and the Cold War for their influence upon the development of the American individual. (45-0)

**HIS 225W History of Women and Gender in the West 3 Sem Hrs**

Prerequisites: READING LEVEL 4 or WRITING LEVEL 2. Surveys the role of gender in the west from the beginning of civilization to the present. Explores theories of masculinity and femininity, the history of gender roles and the relationship of these beliefs and practices to the economy, politics, and cultural expressions of the west. (45-0)

**HIS 236W History of Michigan 2 Sem Hrs**

Prerequisites: LEVEL 4 READING or LEVEL 2 WRITING. Explores the history of Michigan from the time of the first known human inhabitants, through the periods of French and British settlement and U.S. acquisition. Emphasizes the study of Michigan history through the periods of territorial status, statehood and industrial growth. Directs attention toward the Saginaw Valley and its relationship to a developing Michigan. Credit may be earned in one of the following HIS 113, HIS 114, HIS 236, or HIS 237. (30-0)

**HIS 237W History of Michigan/With Project 3 Sem Hrs**

Prerequisites: LEVEL 4 READING or LEVEL 2 WRITING. Explores the history of Michigan from the time of the first known human inhabitants, through the periods of French and British settlement and U.S. acquisition. Emphasizes the study of Michigan history through the periods of territorial status, statehood and industrial growth. Directs attention toward the Saginaw Valley and its relationship to a developing Michigan. Includes a major paper or project. Credit may be earned in one of the following HIS 113, HIS 114, HIS 236 [or HIS 236W] or HIS 237 [or HIS 237W]. (45-0)

**HIS 268W International Studies in History 1-4 Sem Hrs**

The student will do an in-depth historical study in one or more aspects of the history of the country other than the United States. Overseas study is an integral part of the course. Expenses for travel and overseas study must be borne by the student. (60-0)

**HIS 290-299 Special Projects in History Sem Hr**

## Health Science

**HSC 105 Medical Terminology 2 Sem Hrs**

Develops a basic understanding of the spelling and meaning of commonly used prefixes, suffixes, and word roots, and their combining forms. Comprehension of these word parts will allow proper use of words for the development of professional language use in the allied health professions. (30-0)

**HSC 140 Basic Medical Emergencies 2 Sem Hrs**

Provides the background necessary to respond to basic emergency situations in the clinical setting. Includes respiratory, cardiac, neurological, and diabetic emergencies. Cardiopulmonary resuscitation certification requirements must be met for successful completion of course. (30-0)

**HSC 205W Legal Aspects of the Health Care System 2 Sem Hrs**

An overview of state legislation affecting various aspects of the health care system, including study of common legal problems, etc., such as dispensing of medication and privacy of medical records. Designed primarily for health care professionals. (30-0)

**HSC 210 Medical Office Pharmacology 1 Sem Hr**

Prerequisites: HSC 105 and one of the following: BIO 101, BIO 131, BIO 132, BIO 140, BIO 152, BIO 153, BIO 160, or BIO 240, both with a minimum grade of "C" (2.0). Presents the necessary information to comply with the federal laws regarding accurate and secure drug records and the interpretation of prescriptions and communication of medication orders to other professionals. Credit may be earned in MA 205 or HSC 210 but not in both. (15-0)

**HSC 290-299 Special Projects in Health Science Sem Hr**

## Interior Design

**ID 100 Introduction to Interior Design 3 Sem Hrs**

Covers the aims, principles, and means of design. Explores light and color thoroughly including color theory and color planning. Analyzes home planning in relation to activities, space, and equipment. Studies enrichment of space through the use of accessories, plants, paintings, prints, and sculpture. Introduces lighting, heating, ventilation, and acoustics. (45-0)

**ID 170 Design Elements 4 Sem Hrs**  
Prerequisites: ID 100 and MGT 110. Studies appropriate treatment and materials for windows, walls, and floor coverings. Places emphasis on current treatment trends and the process of measuring and translating measurement accurately in material needs and cost estimates. Uses field trips, guest speakers, and practical experiences. (60-0)

**ID 200 Spatial Analysis and Presentation 3 Sem Hrs**  
Prerequisite: ARC 105 and ID 100. (Recommended that ID 200 and ID 210 be taken concurrently). Emphasis will be placed on the analysis of spatial arrangement and the relationship it has to adjacent space and accepted standards. CAD and basic drawing methods will be utilized and standard building blueprints will be studied. Students will conduct presentations of floor plan arrangements, interior elevations, and interior perspectives. Familiarization with micro computers required or permission of instructor. Credit may be earned in ID 200 or ARC 200 but not in both. (45-0)

**ID 210 Furniture 3 Sem Hrs**  
(Recommended that ID 200 and ID 210 be taken concurrently). A study of furniture as an essential element in interior design. Major furniture styles will be covered from a historical perspective with applications to present uses. The manufacture of both case and upholstered goods for the purpose of learning construction details, order, placement and delivery cycle, and the cost to quality relationship will be included. (45-0)

**ID 230 Applied Interior Design 3 Sem Hrs**  
Prerequisite: ID 100, ID 170, ID 200, and ID 210. Deals with special problem areas in interior decoration. Work with clients, teaches how to interview and determine needs and wants and translate the information into practical decorating solutions, including shopping for appropriate floor and wall coverings, furniture, window treatment and accessories. Works with an actual client family, given an established budget, to prepare and give appropriate oral and visual presentations to the client. (45-0)

**ID 240W Contract/Commercial Design I 2 Sem Hrs**  
Prerequisite: ID 100, ID 200 or permission of instructor. Studies materials used, equipment necessary, and furniture available in the field of contract/commercial design. Discusses legal requirements for commercial, institutional and other public spaces. Emphasizes student presentation. (30-0)

**ID 241 Contract/Commercial Design II 2 Sem Hrs**  
Prerequisite: ID 240 and permission of instructor. Applies contract/commercial elements utilizing actual space project examples. Stresses contract design within legal boundaries. Completes project examples in commercial offices, institutional work sites and other public environments. Emphasizes student presentations. (30-0)

**ID 245 Design Trends 2 Sem Hrs**  
Prerequisites: ID 241, ID 230 or concurrently. Study of current trends in furniture, accessories, textiles, and lighting. Student presentation, guest speakers and field trips will be emphasized. This is a "capstone" course recommended to be taken concurrently with ID 230. (30-0)

**ID 290-299 Special Projects in Interior Design Sem Hr**

## Interdisciplinary Humanities

**IHU 101 Humanities Through the Arts 3 Sem Hrs**  
A survey of the human condition as seen through film, dramas, music, literature, painting, sculpture, and architecture with an emphasis on the history, techniques, meaning, and evaluation of individual works of western art. (45-0)

**IHU 110W Introduction to Genealogy 1 Sem Hr**  
Introduces and broadly examines genealogy from an interdisciplinary perspective. Examines family and ethnic history and pursues family history for personal and professional growth. Covers research methods, record keeping, and problem solving. Emphasizes the use of archival and printed sources, and the Internet. Credit may earned in IHU 110 or SSI 110 but not in both. (15-0)

**IHU 120W Introduction to Global Peace Studies 3 Sem Hrs**  
Prerequisites: READING LEVEL 2 or WRITING LEVEL 2. Provides an interdisciplinary foundation for global peace studies. Focuses on identifying the various factors that interact to generate peace and/or conflict at the personal, local, national, and international levels. Includes analysis of how the interaction of economic and political influences, as well as the availability of environmental resources and cultural norms and values can result in peace or conflict. Explores and applies to case studies the distinction between positive and negative peace and methods of conflict analysis and resolution. Provides participation in cross-cultural training and mediation, as well as practices designed to enhance emotional self-regulation and perspective-taking, skills necessary for effecting positive change in the world. (45-0)

**IHU 161 Projects in Cross-Cultural Learning 1 Sem Hr**  
Assign student volunteers to either community agencies providing cross-cultural experiences or to an international work experience. Supportive seminars will provide both structure and background knowledge of the particular country involved. (A minimum of 30 hours volunteer placement is required). Credit may be earned in IHU 161 or SOC 161, but not both. (15-30)

**IHU 162 Projects in Cross-Cultural Learning 2 Sem Hrs**  
Assign student volunteers to either community agencies providing cross-cultural experiences or to an international work experience. Supportive seminars will provide both structure and background knowledge of the particular country involved. (A minimum of 60 hours volunteer placement is required.) Credit may be earned in IHU 162 or SOC 162, but not both. (15-60)

**IHU 201HW Honors Colloquy 3 Sem Hrs**  
Prerequisite: LEVEL 4 READING and LEVEL 2 WRITING and permission of Honors office. Required of all Honors students. Explores the elements of critical and creative thinking. Emphasizes relationships among thinking, writing, and productive interaction with others, as well as the interdisciplinary nature of truth and knowledge. Includes project and/or research writing at instructor's discretion. Provides opportunities to engage in independent intellectual inquiry to foster deeper learning. Credit may be earned in LIT 201H or IHU 201H but not both. (45-0)

**IHU 202 Women's Studies 3 Sem Hrs**  
Introduces the academic field of women's studies. Explores the diversity of women's experiences and achievements both in the present and in the past from a variety of interdisciplinary perspectives. Addresses social structures and the intersections of gender, class, race, ethnicity, religion, ages, abilities, and sexual identities. (45-0)

**IHU 210 Death and Dying 3 Sem Hrs**  
Prerequisite: ENG 111, ENG 111A or permission of instructor. Studies attitudes, practices, beliefs, theories, institutions of death and dying in contemporary, historical western and also some non-western societies. Addresses issues of pain management, doctor-assisted suicide, quality versus quantity of life, organ donation, bereavement, the funeral industry, living wills and durable powers of attorney. (45-0)

**IHU 226W Introduction to Film 3 Sem Hrs**  
Prerequisite: Any approved College Composition I course with a minimum grade of C or permission of instructor. Follows the creation of a film from the original idea to final production. Examines film as a mode of popular entertainment and as an art form. Focuses on identifying the media's components and developing the viewers' standards of appreciation. Credit may be earned in IHU 226 or LIT 226, but not in both. (45-0)

**IHU 232W Exploring Human Nature 3 Sem Hrs**  
Prerequisite: A "C" grade or better in a college level composition I course or WRITING LEVEL 4. Explores the question "What does it mean to be human?" from interdisciplinary perspectives. Identifies and discusses the relative importance of traits and characteristics that "make us human." Examines and evaluates major traditional and contemporary views of human nature and introduces alternative ways of understanding the self in relation to nature, society, religion, and the state. Credit may be earned in only one of IHU 232, SSI 232, or PSY 232. (45-0)

**IHU 234W World Religions 4 Sem Hrs**  
Prerequisites: READING LEVEL 2 or WRITING LEVEL 2. Introduces religion and the primary "living" religions of the world. Examines the principles and functions of religion, the origins and cultures of the world's major religions, and their beliefs and primary ritual practices. Discusses and critically examines how religious belief systems and practices influence the thoughts and behaviors of adherents in everyday life. Credit may be earned in SSI 234 or IHU 234 but not in both. (60-0)

**IHU 240W Leadership for Positive Change 3 Sem Hrs**  
Prerequisites: READING LEVEL 2 or WRITING LEVEL 2. Prepares students to lead positive change in a variety of contexts (personal, family, community/social and organizational). Includes: leadership development, problem solving, service learning, team work, global citizenship, sustainability, and social action. Provides opportunities for individual practice and reflection and requires "change" project in service to family, community, or place of employment. (45-0)

**IHU 245W Biblical Literature: Old Testament 3 Sem Hrs**  
Studies critically the literature of the Old Testament. Examines the Old Testament Canon in its historical development. Also examines both the literary styles and changing theological and ethical ideas. Credit may be earned in IHU 245 or LIT 245 but not both. (45-0)

**IHU 261 Contemporary Art in Chicago 2 Sem Hrs**  
Surveys contemporary art forms, processes, and ideas of the international art market in a 3-day visit to Chicago which will include the International Art Fair, the Chicago Art Institute and the Contemporary Museum of Art. Students pay tuition plus all of their expenses. (30-0)

**IHU 267 Producing A Student Publication 3 Sem Hrs**  
Prerequisite: Any Approved Composition II or OAT 152 with a grade of "C" or better. Provides a guided opportunity to learn about publishing by compiling, selecting, editing, and designing an annual publication of student writing, photography, and artwork. Focuses on hands-on experience in critical reading, writing, and thinking; editing; layout; production details; marketing; design; and distribution. Credit may also be earned in ART 267 but not in the same semester. (45-45)

**IHU 268 International Studies in Interdisciplinary Humanities 1-4 Sem Hrs**  
The student will do an in-depth study in one or more aspects of the culture, language, and history of Hawaii. Overseas study is an integral part of the course. Expenses for travel and overseas study must be borne by the student. (15-60 lecture)

**IHU 280W Exploring Diversity 2 Sem Hrs**  
Prerequisites: LEVEL 2 Reading and LEVEL 2 Writing. Provides a foundation in knowledge and application of issues and principles surrounding diversity. Provides an opportunity to explore, reflect and practice an interdisciplinary approach to the study of diversity. Credit may be earned in only one of the following: SSI 288, SSI 289, ED 388, ED 389, IHU 280 or IHU 281. (30-0)

**IHU 281HW Exploring Diversity with project - Honors 3 Sem Hrs**  
Prerequisites: LEVEL 4 READING and LEVEL 2 WRITING and permission of the Honors Office. Provides a foundation in knowledge and application of issues and principles surrounding diversity. Provides an opportunity to explore, reflect and practice an interdisciplinary approach to the study of diversity. Includes completion of project. Provides opportunities to engage in independent intellectual inquiry to foster deeper learning. Credit may be earned in only one of the following: SSI 288, SSI 289, ED 388, ED 389, IHU 280 or IHU 281. (45-0)

**IHU 281W Exploring Diversity/With Project 3 Sem Hrs**  
Prerequisites: LEVEL 2 Reading and LEVEL 2 Writing. Provides a foundation in knowledge and application of issues and principles surrounding diversity. Provides an opportunity to explore, reflect and practice an interdisciplinary approach to the study of diversity. Includes completion of project. Credit may be earned in only one of the following: SSI 288, SSI 289, ED 388, ED 389, IHU 280 or IHU 281. (45-0)

**IHU 282HW Seminar in Social Issues - Honors 3 Sem Hrs**  
Prerequisite: READING LEVEL 4 or 5B and WRITING LEVEL 4 or 4B and permission of Honors office. An integrated study involving exploration and development of critical thinking, analysis and problem-solving skills with an interdisciplinary approach focusing on a selected social issue. Provides opportunities to engage in independent intellectual inquiry to foster deeper learning. Credit may be earned in IHU 282H or SOC 282H, but not both. (45-0)

**IHU 289 New Media 3 Sem Hrs**  
Prerequisites: ART 111, ART 115, ART 116. Prerequisites may be waived following portfolio review by instructor. Provides a lecture/discussion style format in combination with studio work time to explore new art forms from mid 20th century to current times. Credit may be earned in IHU 289 or ART 289 but not in both. (30-60)

**IHU 290-299 Special Projects in Interdisciplinary Humanities**

**IHU 294W Special Projects: The Great Lakes Indians and European Experience 3 Sem Hrs**  
Prerequisites: READING LEVEL 2 or WRITING LEVEL 2. Examines American Indian history and culture in the Great Lakes from pre-contact to 1934. Considers and explores the approaches of studying Native Americans from a historical and sociological perspective; including the political, cultural, and social consequences of contact with Europeans. Provides a thorough historical and cultural background of the Great Lakes Indians, specifically the "People of the Three Fires," known as the "Anishnaabeg" and "People of the Calumet" of the Great Lakes. Credit may be earned in IHU 294 or SSI 294 but not both. (45-0)

**IHU 295W Special Projects in Interdisciplinary Humanities - The Sixties 3 Sem Hrs**  
Prerequisite: A "C" grade or better in a college level composition I course and WRITING LEVEL 2 or permission of instructor. Examines, through an interdisciplinary approach, the literature, film, music and other types of media of 1960s America and explores their interrelationships with history, psychology, sociology and philosophy to discover the causes and effects of the upheaval of the era. Discusses the social movements of the era and the changes in the way democracy has been perceived. Credit may be earned in IHU 295W or SSI 295W but not both. (45-0)

## Industrial Technology Education

**ITE 290-299 Special Projects in Industrial Technology Education**

**ITE 330 Careers and Technology for Children 3 Sem Hrs**  
Prerequisite: ED 200B or Permission of Instructor. Covers how to teach students career awareness, exploration, and preparation. Creates teaching materials using industrial tools, processes and supplies with a focus on 7-12 grade students. (45-0)

**ITE 340 Teaching Methods and Strategies in Industrial/Technical Education 3 Sem Hrs**

Prerequisite: ED 200B or Permission of Instructor. Surveys local, state, and national standards for teaching industrial technology. Considers current and historic philosophies, methods and trends. (45-0)

**ITE 350 Curriculum Development and Facility Planning in Industrial/Technical Education 3 Sem Hrs**

Prerequisite: ED 200B or Permission of Instructor. Develop course, program, and curriculum materials. Specify materials, tools, machines, and facilities for industrial technology education. (45-0)

## Leisure Activity

**LEA 149 Golf I 1 Sem Hr**

Introduces the fundamentals of the full swing, the short game, and putting, along with the rules and courtesies of the game. Utilizes a public golf course for play, requiring an additional fee. Credit may be earned in LW 149 or LEA 149, but not in both. (0-30)

**LEA 168 Ballet II 1 Sem Hr**

Continues and further develops the basic movements introduced in Ballet I with emphasis on combinations of movements (enchainments) to develop concentration, balance and speed. Credit may be earned in LW 168 or LEA 168 but not in both. (0-30)

**LEA 188 Skiing I 1 Sem Hr**

Introduces the fundamental skills of skiing including the gliding wedge, wedge turn, traversing and stem turn. Students must furnish or rent equipment and pay skiing charges. Credit may be earned in LW 188 or LEA 188 but not in both. (0-30)

**LEA 189 Skiing II 1 Sem Hr**

Emphasizes the transition from steered turn to sliding turn. Includes side slipping, uphill christie, and stem christie. Credit may be earned in LW 189 or LEA 189 but not in both. (0-30)

**LEA 190 Skiing III 1 Sem Hr**

Prerequisite: LEA 189 or equivalent skill level. Student will learn the finer points of parallel skiing. Parallel christie, parallel with check, and short swing will be taught. Student must furnish or rent equipment and pay skiing charges. Credit may be earned in LW 190 or in LEA 190 but not in both. (0-30)

**LEA 194 Snowboarding 1 Sem Hr**

Introduces the fundamentals of snowboarding including the basics of skating, climbing, gliding, and turning. Credit may be earned in LW 194 or LEA 194 but not in both. (0-30)

**LEA 290-299 Special Projects in Leisure Activity**

## Library Skills

**LIB 195W Library Research Skills 2 Sem Hrs**

Prerequisites: Reading LEVEL 2. Develops information literacy for success with college-level academic research. Credit may be earned in LIB 195W or ENG 195W but not in both. (30-0)

**LIB 290-299 Special Projects in Library Skills Sem Hr**

## Literature

**LIT 201HW Honors Colloquy 3 Sem Hrs**

Prerequisite: READINGLEVEL4 and WRITINGLEVEL2 and permission of the Honors Office. Required of all Honors students. Explores the elements of critical and creative thinking. Emphasizes relationships among thinking, writing, and productive interaction with others, as well as the interdisciplinary nature of truth and knowledge. Includes project and/or research writing at instructor's discretion. Provides opportunities to engage in independent intellectual inquiry to foster deeper learning. Credit may be earned in LIT 201H or IHU 201H but not both. (45-0)

**LIT 219W Literary Analysis 3 Sem Hrs**

Prerequisite: A "C" grade or better in a college level composition II course. Surveys and practices methods of literary interpretation and appreciation, from the close reading strategies of New Criticism to the contemporary considerations of reader-response theory. Interpretive papers on particular works of fiction, poetry and drama are required. (45-0)

**LIT 220W Readings in Poetry 3 Sem Hrs**

Prerequisite: A "C" grade or better in a college level composition II course. Studies the background, developments, and the current state of modern poetry. Emphasizes poetry by American and British authors. (45-0)

**LIT 221W Readings in the Short Story 3 Sem Hrs**

Prerequisite: A "C" grade or better in a college level composition II course. The student will read selected short stories of British, American, and other authors in addition to increasing one's understanding of this relatively modern form, the student will explore ways in which the short story is personally meaningful in depicting our perception of ourselves and the world in which we live. (45-0)

**LIT 222W Readings in the Novel 3 Sem Hrs**

Prerequisite: A "C" grade or better in a college level composition II course. From a reading of selected novels the student will develop understanding of the novel form. The student will also learn how to derive personal meaning and satisfaction from novels chosen from different times, places, and cultures. (45-0)

**LIT 223W Readings in Drama 3 Sem Hrs**

Prerequisite: A "C" grade or better in a college level composition II course or instructor permission. Studies historical and popular American, British and other plays. Examines the effects of drama on both American, British and other cultures. (45-0)

**LIT 224HW Literary Festival - Honors 3 Sem Hrs**

Prerequisite: A "C" grade or better in a college level composition II course or permission of instructor and permission of the Honors Office. Examines a body of literature organized by the selection of material either from the works of one author, genre, or topic, or a combination thereof. (e.g. science fiction, war novel, thrillers, horror, etc.) Course content to be announced each semester prior to registration. Provides opportunities to engage in independent intellectual inquiry to foster deeper learning. Credit may be earned in either LIT 224 or LIT 224H but not in both. (45-0)

**LIT 224W Literary Festival 3 Sem Hrs**

Prerequisite: A "C" grade or better in a college level composition II course or permission of instructor. Examines a body of literature organized by the selection of material either from the works of one author, genre, or topic, or a combination thereof. (e.g. science fiction, war novel, thrillers, horror, etc.) Course content to be announced each semester prior to registration. Credit may be earned in LIT 224 or LIT 224H but not in both. (45-0)

**LIT 226W Introduction to Film 3 Sem Hrs**  
Prerequisite: Any approved College Composition I course with a minimum grade of C or permission of instructor. Follows the creation of a film from the original idea to final production. Examines film as a mode of popular entertainment and as an art form. Focuses on identifying the media's components and developing the viewers' standards of appreciation. Credit may be earned in LIT 226 or IHU 226 but not in both. (45-0)

**LIT 227CW The American Motion Picture 3 Sem Hrs**  
Prerequisite: READING LEVEL 4 and WRITING LEVEL 2. Concurrent enrollment in ENG 111 or ENG 112 in a coordinated learning community. Studies popular films, with major emphasis on American culture as reflected in the motion picture. Examines the effect of the images portrayed in motion pictures on the perception of American society and history; topics vary from semester to semester. Credit may be earned in either LIT 227 or LIT 227C, but not both. (45-0)

**LIT 227W The American Motion Picture 3 Sem Hrs**  
Prerequisite: A "C" grade or better in a college level composition II course. Studies popular films, with major emphasis on American culture as reflected in the motion picture. Examines the effect of the images portrayed in motion pictures on the perception of American society and history; topics vary from semester to semester. (45-0)

**LIT 228HW Masterpieces of World Literature: Beginning through 1600s - Honors 3 Sem Hrs**  
Prerequisite: A "C" grade or better in a college level composition II course or permission of instructor and permission of the Honors Office. Surveys world literature through 1600 that includes, but is not necessarily limited to, the masterpieces of the Western tradition. Concentrates on recurring themes, such as a person's relationship to God and nature, individual and social morality, liberty and responsibility, social and economic justice, and the search for a meaningful existence. Provides opportunities to engage in independent intellectual inquiry to foster deeper learning. Credit may be earned in either LIT 228 or LIT 228H, but not in both. (45-0)

**LIT 228W Masterpieces of World Literature: Beginning through 1600s 3 Sem Hrs**  
Prerequisite: A "C" grade or better in a college level composition II course or permission of instructor. Surveys world literature through 1600 that includes, but is not necessarily limited to, the masterpieces of the Western tradition. Concentrates on recurring themes, such as a person's relationship to God and nature, individual and social morality, liberty and responsibility, social and economic justice, and the search for a meaningful existence. Credit may be earned in LIT 228 or LIT 228H but not in both. (45-0)

**LIT 229HW Masterpieces of World Literature: 1600s to the Present - Honors 3 Sem Hrs**  
Prerequisite: A "C" grade or better in a college level composition II course or permission of instructor and permission of the Honors Office. Surveys world literature from the 1600s to the present including but not necessarily limited to the masterpieces of the Western tradition. Concentrates on recurring themes, such as a person's relationship to God and nature, individual and social morality, liberty and responsibility, social and economic justice, and the search for a meaningful existence. Provides opportunities to engage in independent intellectual inquiry to foster deeper learning. Credit may be earned in either LIT 229W or LIT 229HW, but not in both. (45-0)

**LIT 229W Masterpieces of World Literature: 1600s to the Present 3 Sem Hrs**  
Prerequisite: A "C" grade or better in a college level composition II course or permission of instructor. Surveys world literature from the 1600s to the present including but not necessarily limited to the masterpieces of the Western tradition. Concentrates on recurring themes, such as a person's relationship to God and nature, individual and social morality, liberty and responsibility, social and economic justice, and the search for a meaningful existence. Credit may be earned in LIT 229 or LIT 229H (45-0)

**LIT 230W Readings in Modern Non-Fiction 3 Sem Hrs**  
Pre-requisite: A "C" grade or better in a college level composition II course or permission of instructor. Studies selected modern (post-1945) and contemporary non-fiction works in order to understand the variety of forms and expression which are possible. Concentrates on themes and topics which are a recurring part of the human condition. (45-0)

**LIT 241W Introduction to Mythology 3 Sem Hrs**  
Prerequisite: A "C" grade or better in a college level composition II course. Provides an introduction to some of the concepts of mythology and the presence of these concepts in art and literature in particular. Considers the functions of mythology, the universality of the journey pattern in all myths, the nature of mythic imagery, the distinction between myths and logos as patterns in thinking, the approaches available in examining particular myths and the application of all these dimensions in reading a given story. (45-0)

**LIT 242W Introduction to British Literature 3 Sem Hrs**  
Prerequisite: A "C" grade or better in a college level composition II course. Provides a sampling of the work of some of the major authors in British Literature. Requires works to be read and examined for an understanding of the material, an appreciation of the literary forms and for the awareness of unifying themes that hold together a culture's conceptual framework. Enhances reading skills and aesthetic appreciation through exposure, discussion, writing and critical thinking. (45-0)

**LIT 245W Biblical Literature: Old Testament 3 Sem Hrs**  
Studies critically the literature of the Old Testament. Examines the Old Testament Canon in its historical development. Also examines both the literary styles and changing theological and ethical ideas. Credit may be earned in LIT 245 or IHU 245 but not both. (45-0)

**LIT 246W Biblical Literature: New Testament 3 Sem Hrs**  
A critical study of the literature of the New Testament with some attention given to the Inter-Testamental literature. The literature will be studied in terms of its historical development. Some attention will be given to the canonization of the New Testament, to the different literary styles and to the theological and ethical ideas. (45-0)

**LIT 251W Children's Literature 4 Sem Hrs**  
Prerequisite: A "C" grade or better in a college level composition II course. Surveys literature for children in the elementary grades. Explores quality trade books for children; presents respected writers and illustrators in various genres. Dispels commonly misconceived and generic thinking about children's literature, replacing with more perceptive criteria and reflective judgment of book selection. Results in greater knowledge, understanding, and appreciation of children's literature. (60-0)

**LIT 252W Young Adult Literature 3 Sem Hrs**  
Prerequisite: A "C" grade or better in a college level composition II course. Explores literature written for and about young adults, defined as those students in middle or junior high and high school. Surveys quality trade books, with emphasis on top writers of the best, most engaging literature. Increases awareness of how literature speaks to young adults and engages them in language and learning experiences. Appropriate for general students of literature and those planning to enter careers in secondary education, sociology, psychology, and juvenile justice. (45-0)

**LIT 253W Literature for Preschool Children 3 Sem Hrs**  
Surveys quality fiction and nonfiction trade books for preschool children, with emphasis on top writers and illustrators of the best, most engaging literature. Increases awareness of how literature speaks to young children and engages them in language and learning experiences. (45-0)

**LIT 260W Literature and History of the Holocaust 3 Sem Hrs**  
Prerequisite: A "C" grade or better in a college level composition II course. Introduces Holocaust studies. Covers the years 1933 to 1945, focusing on the role of perpetrators, victims, bystanders, and those involved in resistance and rescue. Uses a variety of literature that assesses how did the Holocaust happen? Who is responsible? What can we learn from this catastrophe? (45-0)

**LIT 268 International Studies in Literature 1-4 Sem Hrs**  
The student will do an in-depth study in one or more aspects of the literature or film of a country other than the United States. Includes class lectures and individual consultation. Overseas study is an integral part of the course. Expenses for travel and overseas study must be borne by the student. (60-0)

**LIT 269W Native North American Literature 3 Sem Hrs**  
Prerequisite: A "C" grade or better in a college level composition II course. Surveys the literature of Native North Americans: poetry, short stories, novels and non-fiction, including biographies of important Indian leaders. Develops an understanding of the cultures which produced the literature. (45-0)

**LIT 271HW American Literature to 1865 3 Sem Hrs**  
Prerequisite: A "C" grade or better in a college level composition II course. Studies major movements and themes in American literature as they appear in the works of important authors from the Puritan period to and including the Age of Romanticism. Provides opportunities to engage in independent intellectual inquiry to foster deeper learning. Credit may be earned in either LIT 271W or LIT 271HW, but not in both. (45-0)

**LIT 271W American Literature to 1865 3 Sem Hrs**  
Prerequisite: A "C" grade or better in a college level composition II course. Studies major movements and themes in American literature as they appear in the works of important authors from the Puritan period to and including the Age of Romanticism. Credit may be earned in either LIT 271W or LIT 271HW, but not in both. (45-0)

**LIT 272AW American Literature since 1865 with Learning Community 3 Sem Hrs**  
Concurrent enrollment in ENG 111 or ENG 112 in a coordinated learning community. Studies major movements and themes in American Literature after the age of Romanticism through the Age of Realism and New Directions. Credit may be earned in LIT 272 or LIT 272A, but not in both. (45-0)

**LIT 272W American Literature Since 1865 3 Sem Hrs**  
Prerequisite: A "C" grade or better in a college level composition II course. Studies major movements and themes in American Literature after the age of Romanticism through the Age of Realism and New Directions. (45-0)

**LIT 274W Mexican-American Literature 3 Sem Hrs**  
Prerequisite: A "C" grade or better in a college level composition II course or permission of the instructor. Studies novels, short stories, poetry and non-fiction by Mexican-Americans. Explores some cultural elements such as ethnicity, self-hood, self-definition, machismo and gender issues, religious influences, the tradition of curanderos and la llorona. Constructs an understanding of how culture (can) affect creative expression. (45-0)

**LIT 276W Contemporary American Fiction (1945 to Present) 3 Sem Hrs**  
Prerequisite: A "C" grade or better in a college level composition II course or permission of instructor. Studies trends, techniques, and themes in recent American novels and short stories. Requires reading, analyzing, and critiquing works of modern writers. (45-0)

**LIT 277W Early African-American Literature 3 Sem Hrs**  
Prerequisite: A "C" grade or better in a college level composition II course. Studies African American history and trends that affected African-American writers from the oral tradition to the written works. (45-0)

**LIT 278W Modern African-American Literature 3 Sem Hrs**  
Prerequisite: WRITING LEVEL 3. Studies current trends in both cultural and historical contexts. Examines the ways in which Modern African-American Literature is influenced by American history and how it affects the lives of African-Americans. (45-0)

**LIT 283W Literature of Mysticism 3 Sem Hrs**  
Prerequisite: A "C" grade or better in a college level composition II course. Explores literature about mysticism, both secular and religious. Designed to help students begin an inner search for authenticity, personal integration and self-awareness. Provides a variety of possibilities for developing innate potentialities and for achieving altered states of consciousness through awareness exercises, meditation, chanting, fantasy journeys and journal writing. (45-0)

**LIT 285W Women in Literature 3 Sem Hrs**  
Discusses women as literary characters and as authors in time periods and cultures selected by instructor. Concentrates on women's perceptions of social structures, the blending of private and public spheres, and women's relationships to the world of publishing and literary criticism. Contrasts a woman-centered look at literature with more traditional, canonical approach to literature. (45-0)

**LIT 290-299 Special Projects in Literature Sem Hr**

## Legal Support Professional

**LSP 110W Legal Ethics and Responsibilities of the Legal Assistant 3 Sem Hrs**  
Prerequisite: READING LEVEL 4 or 5b and WRITING LEVEL 4 or 4b. Provides an overview of the various roles, responsibilities, and problems found in the Legal Support Professional program, and the legal ethics, legal terminology, and basic skills needed. Introduces legal forms and procedures, as well as computer skills and computer programs. Places substantial emphasis on the importance of legal ethics for the Legal Support Professional through study of the State Bar of Michigan Rules of Professional Conduct, the Michigan Code of Judicial Conduct, and the National Association of Legal Assistants Code of Ethics and Professional Responsibility. Addresses preparation for the CLA examination, the importance of communication skills, keeping track of deadlines, calendars, and mailing procedures. Credit may be earned in LAS 110 or LSP 110 but not in both. (45-0)

**LSP 115 Principles of Substantive Law 3 Sem Hrs**  
Prerequisite: LSP 110 or LAS 110. Introduces the dynamics of the law and legal process, including the origin and development of the law, types of law and the judicial system. Examines substantive legal subjects including contracts, torts, property, criminal and business related subjects. Emphasizes recognition of legal issues and the understanding of legal terminology. Credit may be earned in LAS 115 or LSP 115 but not in both. (45-0)

**LSP 150 Real Estate Law 2 Sem Hrs**  
Prerequisite: Legal Support Professional program or permission of instructor. Introduces the principles of real estate law. Describes the process and procedures involved in the buying and selling of real estate, mortgage loans and leasing. Examines the legal support professional's role in assisting the lawyer with preparing or evaluating surveys and legal descriptions, deeds of conveyance, title search reports, agreements, closing and leases. Credit may be earned in LAS 150 or LSP 150 but not in both. (30-0)

**LSP 210 Estate and Trust Administration 2 Sem Hrs**  
Prerequisite: Students in Legal Support Professional program or permission of instructor. Studies the administration of a decedent's estate from initial conference through the closing of an estate and the distribution of assets. Emphasizes preparation of proper probate documentation, preparation of proper tax returns including federal estate tax returns and fiduciary returns, and explanation of Michigan inheritance tax. Credit may be earned in LAS 210 or LSP 210 but not in both. (30-0)

**LSP 220 Environmental Law 2 Sem Hrs**

Prerequisite: Students in Legal Support Professional program or permission of instructor. Surveys issues pertaining to environmental law. Emphasizes the process of integrating environmental policies into the social system, implementing environmental policies through the legal system, and accommodating environmental values with economic realities, traditional property rights, and national energy policy. Credit may be earned in LAS 220 or LSP 220 but not in both. (30-0)

**LSP 230 Civil Litigation 3 Sem Hrs**

Prerequisite: A "C" grade or better in a college level composition I course, MGT 251, and LAS 115 or LSP115 or LAS 120 or LSP 120. Studies the analysis, evaluation, and preparation of the various stages of a civil matter for litigation and trial using Michigan Rules of Civil Procedure and Rules of Evidence. Includes an efficient and systematic approach to fact investigation, drafting pleadings, discovery, and file control. Studies the pretrial stages of a lawsuit with emphasis upon trial preparation including motions in limine, witness preparation, and jury voir dire, concluding with trial and post-trial motions. Credit may be earned in LAS 125 or LSP 230 but not in both. (45-0)

**LSP 235 Criminal Law and Procedure 3 Sem Hrs**

Prerequisite: Legal Support Professional program or permission of instructor. Studies formal legal processes involved in criminal practice from arrest through post-trial motions, sentencing, and appeal. Describes constitutional rights of the accused and the definitions of various criminal offenses. Credit may be earned in LAS 235 or LSP 235 but not in both. (45-0)

**LSP 240 Domestic Relations 2 Sem Hrs**

Prerequisite: Legal Support Professional program or permission of instructor. Studies the theoretical and practical aspects of family law with an emphasis on Michigan family law including dissolution of marriage, child custody, support, property settlements, judgments and the role of the Friend of the Court. Presents basic techniques in obtaining facts from clients in order to prepare and draft complaints, answers, financial affidavits and verified statements. Credit may be earned in LAS 240 or LSP 240 but not in both. (30-0)

**LSP 245 Personal Injury 3 Sem Hrs**

Prerequisite: Legal Support Professional program or permission of instructor. Studies the principles and legal theories relating to intentional and negligent torts to the person. Introduces medical terms based on a "building block" system of word formation. Includes workman's compensation, malpractice/negligence of professionals, auto negligence, products liability, dram shop liability, assault and battery, and premises liability. Credit may be earned in LAS 245 or LSP 245 but not in both. (45-0)

**LSP 250 Corporate Law 2 Sem Hrs**

Prerequisite: Legal Support Professional program or permission of instructor. Describes the nature of corporations, partnerships, and proprietorships with an emphasis on the corporate structure including formation and dissolution, amending Articles of Incorporation and by-laws, shareholders' and directors' meetings, corporate equity and debt securities, as well as employment and shareholders agreements. Credit may be earned in LAS 250 or LSP 250 but not in both. (30-0)

**LSP 253 Bankruptcy Law 3 Sem Hrs**

Prerequisite: LSP 110. Illustrates the legal aspects of the bankruptcy law and demonstrates the practical approach to working in this area. Reviews Federal Bankruptcy Law including different types of bankruptcy chapters, exemptions, dischargeable and nondischargeable debts, preferences, the role of the Bankruptcy Trustee, and preparation of petitions and schedules in bankruptcy. Emphasizes the effective use of the Legal Support Professional. Credit may be earned in LAS 253 or LSP 253 but not in both. (45-0)

**LSP 260 Legal Support Internship I 1 Sem Hr**

Prerequisite: Must have completed all Legal Support Professional required courses or permission of LSP Coordinator. Requires forty (40) hours of work experience in a law or law-related office. Credit may be earned in LAS 260 or LSP 260 but not in both. (0-15)

**LSP 261 Legal Support Internship II 2 Sem Hrs**

Prerequisite: Must have completed all Legal Support Professional required courses or permission of LSP Coordinator. Requires eighty (80) hours of work experience in a law or law-related office. (0-30)

**LSP 262 Legal Support Internship III 3 Sem Hrs**

Prerequisite: Must have completed all Legal Support Professional required courses or permission of LSP Coordinator. Requires one hundred twenty (120) hours of work experience in a law or law-related office. (45-0)

**LSP 280W Legal Research and Writing 3 Sem Hrs**

Prerequisite: A "C" grade or better in a college level composition I course and LSP 115. Develops legal research techniques for both state and federal case law, statutes and administrative regulations. Emphasizes basic legal reasoning and writing skills for logical, organized problem solving. Familiarizes students with the most frequently used reference materials as well as online, commercially available legal databases including development of search queries. Describes techniques for presentation of technical material in formal and informal written reports, letters, or other current forms of business communication. Credit may be earned in LAS 120 or LSP 280. (45-0)

**LSP 290-299 Special Projects in Legal Support Professional****Lifelong Wellness****LW 206A Occupational Wellness 1 1 Sem Hr**

Prerequisite: Admission to restricted enrollment programs. Introduces wellness concepts, behavioral patterns, and activities that can be incorporated into the lifestyles of those working in a wide variety of occupational settings. (15-0)

**LW 220HW Lifelong Wellness - Honors 1 Sem Hr**

Prerequisite: LEVEL 4 READING, LEVEL 2 WRITING, and permission of the Honors Office. Promotes student understanding and experience of the direct correlation between positive lifestyle habits and well being through a series of classroom lectures that cover a variety of wellness topics and disease prevention. Provides opportunities to engage in independent intellectual inquiry to foster deeper learning. Credit may be earned in only one of the following: LW 220, LW 220H, or LW 206A. (15-0)

**LW 220W Lifelong Wellness 1 Sem Hr**

Promotes student understanding and experience of the direct correlation between positive lifestyle habits and well being through a series of classroom lectures that cover a variety of wellness topics and disease prevention. Credit may be earned in only one of the following: LW 220, LW 220H, or LW 206A. (15-0)

**LW 221W Fitness and Wellness 2 Sem Hrs**

Promotes student understanding and experience of the direct correlation between positive lifestyle habits and wellbeing through a series of classroom lectures that cover a wide variety of wellness topics and disease prevention with application of these concepts through participation in aerobic conditioning, resistance training, diet analysis, and health assessments. Successful completion of LW 221W meets the Wellness graduation requirement. (15-30)

**LW 290-299 Special Projects in Lifelong Wellness**

## Lifelong Wellness Activity

### **LWA 101 Fitness for Life 1 Sem Hr**

Introduces basic concepts underlying fitness and wellness as they relate to optimal healthful living using a wide variety of aerobic conditioning and resistance training techniques. Credit may be earned in LW 101 or LWA 101 but not in both. (0-30)

### **LWA 105 Women's Fitness 1 Sem Hr**

Introduces basic concepts underlying fitness and wellness as they relate to optimal healthful living using a wide variety of aerobic conditioning and resistance training techniques. (15-15)

### **LWA 106 Athletic Conditioning 1 Sem Hr**

Designed to improve current level of fitness. Uses weight, circuit, plyometric, and endurance exercises to improve power, balance, and agility. Incorporates the five health-related components of fitness: cardiorespiratory endurance, muscle strength and endurance, flexibility, and body composition. Credit may be earned in LW 106 or LWA 106 but not in both. (15-15)

### **LWA 108 Weight Training 1 Sem Hr**

Introduces a systematic program of body conditioning and development through the use of weight exercises to improve individual wellness. Credit may be earned in only one of the following: LW 108, LW 107, LW 108, or LW 109. (0-30)

### **LWA 109 Weight Training for Women 1 Sem Hr**

Introduces resistance training concepts. Presents, develops, and practices methods for muscular strength and endurance. Pre- and post-fitness assessment testing will be done and individual printouts will be made available. (0-30)

### **LWA 110 Jogging 1 Sem Hr**

Introduces jogging as a means to obtain or improve current levels of health or conditioning. Emphasizes jogging to impact cardiorespiratory health. Uses aerobic endurance activities involving training techniques, skilled pacing, weights, calisthenics, proper stretching, and nutritional information to provide a complete exercise program. Credit may be earned in LW 110 or LWA 110 but not in both. (15-15)

### **LWA 111 Circuit Training 1 Sem Hr**

Maintains and improves physical fitness levels. Uses weights, calisthenics, and endurance exercises in different combinations to provide complete workouts in a limited amount of time. Credit may be earned in LW 111 or LWA 111 but not in both. (0-30)

### **LWA 113 Tae Kwon Do I 1 Sem Hr**

Provides an introduction to non-contact martial arts stressing technique and qualities of respect, self-discipline, and skills of self-defense. Credit may be earned in LW 113 or LWA 113 but not in both. (0-30)

### **LWA 114 Tae Kwon Do II 1 Sem Hr**

Prerequisite: LWA 113. Provides an opportunity to utilize advanced techniques in a non-contact martial art class at the intermediate level. This course is mainly designed for yellow stripe through sixth gup color belts. Credit may be earned in LW 114 or LWA 114 but not in both. (0-30)

### **LWA 115 Aikido 1 Sem Hr**

Provides an introduction to a non-aggressive martial art stressing use of spiritual energy, self-cultivation, mutual respect, and skills of self-defense. Credit may be earned in LW 115 or LWA 115 but not in both. (0-30)

### **LWA 116 Tai Chi 1 Sem Hr**

Enhances physical and emotional well-being through the ancient Chinese martial art of Tai Chi. Improves understanding and knowledge of the philosophy, theory, and application of the Wu style of Tai chi, and how this relates to self-improvement in daily life. Improves muscular endurance, muscular strength, flexibility, balance, and cardiorespiratory health based on muscular contraction and release in continuous slow movements of the Tai Chi form. Credit may be earned in LW 116 or LWA 116 but not in both. (15-15)

### **LWA 118 Sports Judo 1 Sem Hr**

Introduces the rules, skills, and courtesies in sports judo, as well as the special conditioning required. Credit may be earned in one of the following ONLY: LW 118, LW 117, LW 118, or LW 119. (0-30)

### **LWA 119 Jujitsu 1 Sem Hr**

Introduces the fundamental movements and submissions of Jujitsu. Provides opportunity in sport specific strength and conditioning. Pre- and post-fitness assessment testing will be administered. (15-15)

### **LWA 122 Fencing I 1 Sem Hr**

Introduces foil fencing, its basic fundamentals, techniques, rules, and safety measures. Credit may be earned in one of the following ONLY: LW 122, LW 122, LW 201, or LEA 201. (0-30)

### **LWA 124 Basketball 1 Sem Hr**

Introduces basic skills of passing, dribbling, shooting, positional play, rules, and strategy of the game. Includes special conditioning to improve individual wellness. Credit may be earned in one of the following ONLY: LW 124, LW 123, LW 124, or LW 125. (0-30)

### **LWA 127 Volleyball I 1 Sem Hr**

Introduces basic skills of handling the ball, passing, setting, spiking, net-rebound play, and blocking. Includes rules and strategy. Credit may be earned in LW 127 or LWA 127 but not in both. (0-30)

### **LWA 131 Racquetball I 1 Sem Hr**

Introduces basic skills and rules necessary to participate in racquetball which is a competitive game played in a four-walled court by two, three, or four players using stringed racquets to serve and return the ball. Credit may be earned in LW 131 or LWA 131 but not in both. (0-30)

### **LWA 137 Tennis I 1 Sem Hr**

Introduces the basic strokes in tennis along with rules, strategies, and courtesies of the game. Credit may be earned in LW 137 or LWA 137 but not in both. (0-30)

### **LWA 150 Kettlebell Training 1 Sem Hr**

Introduces Kettlebell training concepts. Presents, develops, and practices Kettlebell training methods for muscular strength and endurance. Pre and post fitness assessment testing will be done and individual printouts will be made available. (15-15)

### **LWA 151 Kick Boxing 1 Sem Hr**

Presents Kick Boxing as a means of self-defense and conditioning. Provides maximum cardiorespiratory benefits, muscular endurance, speed, and agility in addition to balance, flexibility, and mind/body integration. Credit may be earned in LW 151 or LWA 151 but not in both. (15-15)

### **LWA 152 Astanga Yoga 1.5 Sem Hrs**

Introduces the basic tools used in learning Astanga Yoga. Uses sequential postures, called asana, for linking together a vigorous flow of movements. Includes workout that is physically, spiritually, and mentally engaging. Credit may be earned in LW 152 or LWA 152 but not in both. (15-30)

### **LWA 153 Dance Aerobics 1 Sem Hr**

Provides information and skills needed to assess and improve fitness through the use of aerobic dance, exercises to music, and analysis of personal nutrition habits. Credit may be earned in LW 153 or LWA 153 but not in both. (0-30)

### **LWA 154W BOSU Ball Training 1 Sem Hr**

Introduces fitness training concepts utilizing a BOSU ball. Presents training methods for improving muscle strength, endurance, balance, agility, and flexibility. Presents, develops, and practices BOSU ball activities that provide cardiorespiratory benefits and improved body composition. Pre- and post-fitness assessments will also be performed and results will be explained. (15-15)

**LWA 155 Slide Aerobics 1 Sem Hr**  
Prepares and strengthens the body for lateral or angular stress while providing a superb cardiovascular workout. Incorporates upper and lower body strength and endurance resistance exercises in addition to developing endurance, power, and balance. Credit may be earned in LW 155 or LWA 155 but not in both. (0-30)

**LWA 156W Stability Ball Training 1 Sem Hr**  
Introduces fitness training concepts utilizing a stability ball. Presents training methods for improving muscle strength, endurance, and flexibility. Also presents, develops, and practices stability ball activities that provide cardiorespiratory benefits and improved body composition. Provides effective balance training through use of the stability ball as a tool. Pre- and post-fitness assessments will also be performed and results will be explained. Credit may be earned in LW 156W or LWA 156W but not in both. (15-15)

**LWA 157 Step Aerobics 1 Sem Hr**  
Incorporates bench stepping to enhance cardiorespiratory endurance and muscle tone using the aerobic principle. Emphasis on the importance of fitness and a healthy lifestyle is also applied. Credit may be earned in LW 157 or LWA 157 but not in both. (0-30)

**LWA 158 Pilates 1 Sem Hr**  
Provides total body strengthening, stretching, and conditioning through Pilates-based mat work to achieve overall fitness and improved health. Focuses on the attainment of core strength in the abdomen and trunk. Includes specific exercises concentrating on the use of breathing patterns to help control movement, and visual imagery to engage the mind and body together. Credit may be earned in LW 158 or LWA 158 but not in both. (15-15)

**LWA 159 Fitness Walking 1 Sem Hr**  
Introduces the concept of daily walking to contribute to one's wellness, with emphasis on developing personal walking program. Credit may be earned in LW 159 or LWA 159 but not in both. (15-15)

**LWA 160 Nordic Walking 1 Sem Hr**  
Introduces the concept of Nordic walking and instructs safe and effective techniques using the Nordic poles to enhance one's wellness. Includes conducting pre and post fitness assessment and developing a personal Nordic walking program. (15-15)

**LWA 163 Modern Dance I 1 Sem Hr**  
Introduces the fundamentals of body movement through rhythmic activities designed to improve strength, flexibility, timing, spatial awareness, and coordination. Includes improvisation, simple choreography, and a brief survey of the history of modern dance and the contemporary dance scene. Credit may be earned in LW 163 or LWA 163 but not in both. (0-30)

**LWA 165 Jazz Dance I 1 Sem Hr**  
For the beginner, an introduction to basic jazz dance techniques (stretches, isolations, floor work, turn and locomotor patterns, etc.) and practice in combining them into dance phrases. There will be simple choreography problems and a survey of the history of jazz dance and of the contemporary jazz dance scene. Credit may be earned in LW 165 or LWA 165 but not in both. (0-30)

**LWA 167 Ballet I 1 Sem Hr**  
Introduces the basic movements of ballet coordinated with exercises for stretching, flexing, and toning. Includes postural alignment and correction, basic barre work, and beginning center adage and allegro movements. (0-30)

**LWA 172 Swimming I 1 Sem Hr**  
Develops fundamental swimming and safety skills. Credit may be earned in LW 172 or LWA 172 but not in both. (0-30)

**LWA 173 Swimming II 1 Sem Hr**  
Prerequisite: LWA 172. Introduces theory and practice of the five basic swimming strokes (front crawl, side stroke, elementary back stroke, and breast stroke). Emphasizes water safety skills and knowledge. Credit may be earned in LW 173 or LWA 173 but not in both. (0-30)

**LWA 174 Swimming III Conditioning 1 Sem Hr**  
Prerequisite: LWA 173. Acquaints the student with the basic principles of cardiovascular fitness and strength in order to increase these components of fitness through swimming. Credit may be earned in LW 174 or LWA 174 but not in both. (0-30)

**LWA 183 Water Aerobics 1 Sem Hr**  
Introduces the basic concepts of water resistance and incorporates them into an individual fitness program that promotes strength, flexibility, and aerobic capacity. Swimming skills not required. Credit may be earned in LW 183 or LWA 183 but not in both. (0-30)

**LWA 204 Bicycling For Fitness 1 Sem Hr**  
Introduces the fundamentals of cycling as a means to obtain or improve current levels of health or conditioning. Emphasizes cardiorespiratory health, muscular strength/endurance, flexibility, and body composition. Includes selection and maintenance of equipment, pedaling, and correct techniques of gear shifting. Student must furnish any type of bike (road, hybrid, or mountain). (0-30)

**LWA 206B Occupational Wellness 2 .5 Sem Hr**  
Prerequisite: Admission to restricted enrollment programs. Continues wellness concepts, behavioral patterns, and activities that can be incorporated into the lifestyles of those working in a wide variety of occupation settings. Credit may be earned in LW 206B or LWA 206B but not in both. (0-15)

**LWA 206C Occupational Wellness 3 .5 Sem Hr**  
Prerequisite: Admission to restricted enrollment programs. Continues wellness concepts, behavioral patterns, and activities that can be incorporated into the lifestyles of those working in a wide variety of occupation settings. Credit may be earned in LW 206C or LWA 206C but not in both. (0-15)

**LWA 210 Tae Kwon Do III 1 Sem Hr**  
Prerequisite: LWA 114. Provides an opportunity to utilize advanced techniques in a non-contact martial art class at an advanced intermediate level. (0-30)

**LWA 279 Defensive Tactics in Corrections 1 Sem Hr**  
Prerequisite: Permission of Instructor. Concurrent enrollment in CJ 102 and LWT 170 for Jail Officer Academy (Local Corrections Officer Certification Academy). Teaches methods of self-defense using pressure points and leverage for subject control. Emphasizes subduing dangerous or violent individuals for criminal justice purposes. Includes Pressure Points Control Tactics (PPCT), Ground Avoidance Ground Escape (GAGE) and Spontaneous Knife Defense. (0-40)

**LWA 280 Self-Defense/Fitness 2 Sem Hrs**  
Prerequisite: Permission of instructor. Concurrent enrollment in CJ 101, LWT 175, and OAT 153 for Basic Police Training Academy. Teaches methods of self-defense using pressure points and leverage for subject control. Emphasizes subduing dangerous or violent individuals for criminal justice purposes. Fitness module emphasizes regular program of calisthenics, stretching, strength building, and conditioning through aerobic and non-aerobic activities. Grade of "C" (2.0) or better in this course in order to complete Basic Police Training Academy. Credit may be earned in LW 280 or LWA 280 but not in both. (0-60)

**LWA 290-299 Special Projects in Lifelong Wellness Activity N/A Sem Hrs**

## Lifelong Wellness Theory

### **LWT 165**      **Community First Aid**      **1 Sem Hr**

Introduction to basic first aid skills. Necessary as the primary link in the Emergency Medical Services system. Adult CPR certification may be received. (15-0)

### **LWT 170**      **Basic Life Support for the Health Care Provider**      **1 Sem Hr**

Develops cardiopulmonary resuscitation (CPR) and automated external defibrillator (AED) knowledge and skills to the level of a health care provider. (15-0)

### **LWT 175**      **Advanced First Aid and Emergency Care**      **3 Sem Hrs**

Prerequisite: Permission of instructor. CJ 101, LW 280, and OAT 153 must be taken concurrently for Basic Police Training Academy. Provides knowledge and practical skills necessary to assist victims of injury or sudden illness. Covers CPR, wounds, choking, poisoning, substance abuse, burns, exposure to heat and cold, emergency childbirth, fractures, stroke, convulsive disorders, diabetes, auto and pool extrication. Successful completion of course entitles student to American Red Cross CPR and Advanced First Aid Certifications. Grade of "C" (2.0) or better in this course in order to complete Basic Police Training Academy. (45-15)

### **LWT 176**      **Lifeguarding**      **1 Sem Hr**

Prerequisite: Skill and knowledge of the five basic strokes. Provides knowledge and skills of the American Red Cross units and progressions. Results in certification upon successful completion of all the lifesaving and water safety requirements. Credit may be earned in LW 176 or LWT 176 but not in both. (0-30)

### **LWT 181**      **Adapted Aquatics Aide**      **1 Sem Hr**

Introduces swimming techniques, water exercises, simulation of disabilities, supervised practice teaching, and basic water safety involved with physical and mental impairments. Credit may be earned in LW 181 or LWT 181 but not in both. (0-30)

### **LWT 185**      **Water Safety Instructor**      **1 Sem Hr**

Prerequisite: Current American Red Cross Emergency Water Safety or Lifeguard card and swimmer level skills. Provides theory and techniques in aquatics, practice teaching, water safety, survival swimming, swimming program development and pool and waterfront administration. Certification as a Water Safety Instructor may result upon satisfactory completion of the course. Credit may be earned in LW 185 or LWT 185 but not in both. (0-30)

### **LWT 186**      **Women's Self Defense**      **1 Sem Hr**

Provides female students with information, tactics, and considerations that may be useful in avoiding and defending themselves against attacks. (15-0)

### **LWT 210**      **Nutrition: The Science of Optimal Living**      **3 Sem Hrs**

Presents nutrition science as a key element for optimal living. Plans diet, principles, food nutrients, metabolism, diet analysis, and the health effects of nutrition will all be evaluated and applied. (45-0)

### **LWT 211W**      **Sports Nutrition**      **3 Sem Hrs**

Prerequisite: LWT 210. Examines the metabolic and physiologic basis for macronutrient and micronutrient recommendations during general exercise, pre-season training, competition/performance, and recovery. Includes nutritional assessments of exercises varying in intensity and duration, training and recovery periods, and various sports demands. (45-0)

### **LWT 212**      **Introduction to Meditation**      **1 Sem Hr**

Provides an overview of the history and purpose of meditation. Introduces students to the practice of various meditation techniques. Emphasizes the role of meditation for concentration, relaxation, stress relief, and personal and spiritual growth. (15-0)

### **LWT 213W**      **Vitamins Minerals and Health**      **3 Sem Hrs**

Prerequisite: LWT 210 Studies the various rating systems for the daily intake of vitamins; functions and uses of specific vitamins, minerals and other key supplements; signs of deficiency for specific nutrients; and recommends amounts of specific nutrients for average people and individuals with specific needs. (45-0)

### **LWT 230**      **Theory of Strength and Conditioning**      **3 Sem Hrs**

Prerequisite: BIO 101, BIO 140 or BIO 152 with a "C" (2.0) minimum grade. Explores a variety of strength training principles and theories through the study of multiple exercise modes including free and machine weights, plyometrics, speed and agility, and cardiovascular training. Discusses specific anatomy and physiology, as well as exercise guidelines, in preparation for program development. (45-0)

### **LWT 231W**      **Introduction to Athletic Training**      **3 Sem Hrs**

Introduces students to the roles, responsibilities, and qualifications of a Certified Athletic Trainer (A.T.C.). Provides an overview of the basic knowledge and skills possessed by an A.T.C. including their role in the sports medicine team, nutrition, injury prevention, assessment, and treatment, as well as learning to identify emergency situations and provide direction for their management. (45-0)

### **LWT 240**      **Health Fitness Instructor/Personal Trainer**      **4 Sem Hrs**

Prerequisites: BIO 101 or BIO 152 and LWT 251 or BIO 251 with a "C" (2.0) minimum grade. Introduces the skills and knowledge needed to become a certified personal trainer. Covers how to screen and evaluate prospective clients, design safe and effective exercise programs, identify physiological and psychological response to exercise, promote lifestyle behavior modification, quantify the energy cost of work (physical activity), and communicate effectively. Includes self-employment issues as well as legal issues. (60-0)

### **LWT 241**      **Personal Trainer**      **4 Sem Hrs**

Prerequisite: BIO 101, BIO 111, or BIO 130. Introduces the skills and knowledge needed to become a certified personal trainer. Covers how to screen and evaluate prospective clients, design safe and effective exercise programs, and instruct clients in correct exercise technique to avoid and prevent injury. Includes self-employment issues as well as legal issues. (60-0)

### **LWT 242**      **Group Fitness Instructor**      **4 Sem Hrs**

Prerequisites: BIO 101 or BIO 152, LW 220 and concurrent enrollment in one of the following: LW 151, LW 153, LW 155, or LW 157. Introduces the skills and knowledge needed to become a certified Group Fitness Instructor. Includes how to screen and evaluate prospective clients, design safe and effective exercise programs, instruct clients in correct exercise techniques to avoid injury, and respond to the typical questions and problems that arise in a group exercise setting. (60-0)

### **LWT 251**      **Exercise Physiology**      **4 Sem Hrs**

Prerequisites: BIO 101 or BIO 152, and LW 220. Emphasizes the physiological responses of the human body to acute and chronic bouts of exercise. Presents the study of health/fitness appraisal, exercise prescription, quantifying the energy cost of work (physical activity), identifying physiological and psychological responses to exercise, and the administration of exercise programs to diverse populations. Credit may be earned in LWT 251 or BIO 251 but not both. (60-0)

### **LWT 252**      **Environmental Physiology - The Limits of Human Performance**      **3 Sem Hrs**

Prerequisites: BIO 101 or BIO 153 or BIO 241. Emphasizes the physiological responses of the human body to acute and chronic bouts of varying environmental conditions. Presents the study of physiological responses to hot and cold environments, altitude, underwater and microgravity environments, and the effect of air quality on human performance. (30-15)

**LWT 254W Research Methods 2 Sem Hrs**  
Prerequisite: LWT 251 or Instructor Permission. Supervises student activities on research projects identified on an individual or small-group basis. Highlights the research process while providing hands on opportunities to design a research study, to collect and analyze data, and to submit an abstract for consideration for presentation at a regional/national conference. Emphasizes research in the health and fitness fields including, but not limited to, exercise physiology, nutrition, body composition, exercise adherence and sport competitions. (30-0)

**LWT 255 Health Fitness Management and Promotion 3 Sem Hrs**  
Introduces and explores the different and interesting settings in which health and fitness educators practice and the job responsibilities and opportunities within each of those settings. Emphasizes application, skill development, and professional identity and direction in health promotion occupations. (45-0)

**LWT 260 Health Fitness Experience 5 Sem Hrs**  
Prerequisite: LWT 210, LWT 230, LWT 240, LWT 251, and LWT 255. Introduces Health Fitness Education and Promotion students to "on the job" experiences within the Health Promotion field. Includes exercise prescription, health education, health promotion administration and program development in the 300-hour internship experience. Students must have current CPR certification. (9-80)

**LWT 266 Teaching of Elementary Physical Education 3 Sem Hrs**  
For prospective teachers; deals with curriculum development, principles, methods and materials used in conjunction with the teaching of physical education in the elementary schools. (45-0)

**LWT 290-299 Special Projects in Lifelong Wellness Theory**

## Management

**MGT 110 Business Mathematics 3 Sem Hrs**  
Prerequisite: MATH LEVEL 3. Covers principles necessary for an understanding of math of the business world. Includes various methods of computing interest and bank discounts; installment buying; F.I.C.A. Federal Income Taxes and other payroll deductions; markup, cost and selling prices; various wage payment systems; sales and property taxes; insurance; measures of central tendency; and an introduction to the metric system. (45-0)

**MGT 143 Principles of Advertising 3 Sem Hrs**  
Provides a broad view of advertising from the marketing and consumer point of view. Historical background, economic and social aspects, roles of advertising, advertising stages, target marketing, media, using selected behavioral science information in advertising, and obtaining proper advertising appeal are included. Credit may be earned in GB 143 or MGT 143 but not in both. (45-0)

**MGT 145 Principles of Sales 3 Sem Hrs**  
Emphasizes the marketing concept and the importance of personal selling for those engaged in the marketing of products, services or ideas. Includes an analysis of the steps in a sales proposal. Classroom presentations by students required. Credit may be earned in GB 145 or MGT 145 but not in both. (45-0)

**MGT 151 Merchandising Display 3 Sem Hrs**  
Explores display as a major component of sales promotion. Studies color and basic design principles in terms of their application to display. Analyzes functions, types, and tools of display. Designs and coordinates windows and interior displays. Covers steps in planning and coordination sales promotions. Emphasizes planning, producing and evaluating effective visual displays. Credit may be earned in only one of the following: FM 151, GB 151 or MGT 151. (45-0)

**MGT 152 Textiles 3 Sem Hrs**  
Studies natural and man-made fibers, their properties and unique characteristics. Identifies fabrics used in wearing apparel and interior design; fabric production, performance and use; final processes and finishes; the study of weaves, pattern and color. Credit may be earned in only one of the following: FM 155, GB 152 or MGT 152. (45-0)

**MGT 153HW Introduction to Business - Honors 3 Sem Hrs**  
Prerequisites: READING LEVEL 5 or 5B and WRITING LEVEL 4 or 4B and permission of the Honors Office. Clarifies the role of business in modern society both domestic and international. Includes an overview of the American business environment, forms of business ownership, obtaining and managing financial resources, management of organizations and human resources, and current issues in the free enterprise system. Provides opportunities to engage in independent intellectual inquiry to foster deeper learning. (45-0)

**MGT 153W Introduction to Business 3 Sem Hrs**  
Clarifies the role of business in modern society both domestic and international. Includes an overview of the American business environment, forms of business ownership, obtaining and managing financial resources, management of organizations and human resources, and current issues in the free enterprise system. (45-0)

**MGT 157 Principles of Merchandising 3 Sem Hrs**  
Studies merchandising, with an emphasis on contemporary designers and issues. Explores primary, secondary, and consumer markets. Discusses merchandise characteristics, planning and profitability. Addresses technology in the merchandising environment. Credit may be earned in only one of the following: FM 170, GB 157 or MGT 157. (45-0)

**MGT 243 Principles of Marketing 3 Sem Hrs**  
Prerequisite: CST 147. MGT 153 is recommended. Provides an understanding and interpretation of the marketing system and its importance in the economy and the place of the marketing function in business management. Establishes a basic understanding of the psychological, environmental, and managerial functions and presents processes that are employed in contemporary marketing. (45-0)

**MGT 245 Principles of Management 3 Sem Hrs**  
Prerequisite: MGT 153 or GB 153 is recommended. Theories of management practices will be discussed and fundamentals of administrative, executive, and staff management explained. Emphasis is placed on discussion of the management functions of planning, organizing, directing, controlling, as well as preparation of information required for decision making. The analysis of management problems and the synthesis of solutions will be covered. Credit may be earned in GB 245 or MGT 245 but not in both. (45-0)

**MGT 247 Principles of Retailing 3 Sem Hrs**  
Prerequisite: CST 147. MGT 153 is recommended. Discusses store location, organization structure, and retail personnel management in detail. Presents merchandising policies and budgets, and buying and pricing merchandise. Presents in some detail retail advertising, personal selling, customer services, and loss prevention. Discusses the scope of the retailing industry, requirement of retail management as well as careers in retailing. (45-0)

**MGT 248 Principles of Buying for Resale 3 Sem Hrs**  
Prerequisite: MGT 110. MGT 247 is recommended. Explores the buying function in retailing and wholesaling in depth. Covers the principles of foreign and domestic vendor location and the legality and ethics in the buyer-vendor relationship. Studies the factors determining merchandise selection, including consumer analysis, building model stocks, and estimating sales potential. Studies merchandising expense control factors, manual and computer inventory control systems, as they relate to buying. (45-0)

**MGT 251W Business Law I 3 Sem Hrs**

This course provides a comprehensive study of both state and federal court systems, and the relationships of the participants in a lawsuit, including judges, juries, litigants, witnesses and attorneys. Particular areas of business law that are studied in the context noted above include tort law, contract law, agency law, and the law of personal property and bailments. Credit may be earned in GB 251 or MGT 251, but not in both. (45-0)

**MGT 252 Business Law II 3 Sem Hrs**

Prerequisite: MGT 251 or GB 251 or permission of instructor. This course provides a continued study of court systems, with emphasis in specialized areas of business law including sales law, commercial paper law, secured transactions and bankruptcy law, real property law and corporation law. The Uniform Commercial Code and recent consumer protection legislation are stressed. Credit may be earned in GB 252 or MGT 252 but not in both. (45-0)

**MGT 254 Applied Marketing 3 Sem Hrs**

Prerequisite: MGT 143 and MGT 243. Introduces strategic marketing decisions using cases and real life experiences. Introduces the conception, development and implementation of a marketing activity, that will be conducted by the students, with an actual budget. Uses practical experience in preparing and giving several types of presentations to live audiences. (45-0)

**MGT 256 Human Resources Management I 3 Sem Hrs**

Prerequisite: MGT 153 or GB 153 is recommended. Development of human resources management; the environment in which human resources management must operate; contemporary legal guidelines; human resource planning and recruitment; developing effectiveness in human resources through training, development, and appraisal; and creating a productive work environment through motivation, communication, leading and directing. Credit may be earned in GB 256 or MGT 256 but not in both. (45-0)

**MGT 257W Human Resources Management II 3 Sem Hrs**

Prerequisite: MGT 256 or GB 256 or permission of instructor. Develops advanced understanding in a variety of Human Resource topics which may include but is not limited to employee-management relationships, dynamics of labor relations, collective bargaining, disciplinary action, compensation management, incentive compensation, employee benefits, safety and health, auditing the Human Resources Management program, and international Human Resources Management. (45-0)

**MGT 265 International Business 3 Sem Hrs**

Prerequisite: MGT 153 or GB 153 is recommended. An examination of the three environments within which the typical business person must function in a global economy: domestic, foreign and international. The international organizations (i.e., GATT, IMF, OPEC, EC and the UN) and the international monetary system will be covered. Physical, sociocultural, political, legal, labor and financial forces in global markets will be analyzed. Case studies will be used to emphasize management decision making in marketing, production, financing and staffing in world-wide companies. Credit may be earned in GB 265 or MGT 265 but not in both. (45-0)

**MGT 280 Market Experience New York 2 Sem Hrs**

Prerequisite: Permission of instructor. Studies the New York business market through visits to manufacturers, designers, buyer showrooms, resident buying offices, advertising agencies, retailers, museums, Wall Street, and other places of interest. Students pay tuition plus all their expenses. Credit may be earned in only one of the following: FM 250, GB 280, or MGT 280. (30-0)

**MGT 281 Market Experience Chicago 1 Sem Hr**

Prerequisite: Permission of instructor. Students will study the Chicago market through visits to the Apparel Center, buyers showrooms, resident buying offices, designers, ready-to wear merchants, the Mercantile Exchange, and other areas of interest. Students pay tuition plus all their expenses. Credit may be earned in only one of the following: FM 251, GB 281, or MGT 281. (15-0)

**MGT 290-299 Special Projects in Management Sem Hr****Manufacturing & Industrial Technology****MIT 111W Manufacturing Processes 3 Sem Hrs**

Prerequisite: MATH LEVEL 4. Teaches the fundamentals of engineering materials and manufacturing processes, and how they interrelate in the design of products. Credit may be earned in MFG 111 or MIT 111 but not in both. (45-0)

**MIT 118 Safety Practices and Procedures 2 Sem Hrs**

Safety fundamentals as related to the economics of accident prevention, analysis of accident causes, mechanical safeguards, fire prevention, facilities housekeeping, occupational diseases, first aid, safety organization, protective equipment, and the promotion of safe practices. Credit may be earned in IS 118 or MIT 118 but not both. (30-0)

**MIT 210 Lean Thinking Strategies 3 Sem Hrs**

Explores the principles of Lean Thinking as a method of organizational management. Emphasizes the techniques used to achieve quality, cost and delivery goals such as Just-In-Time or Pull systems, 5-S, value stream mapping, workplace organization and visual controls. Discusses the roles and responsibilities in the organization for allocating resources to achieve lean management. Credit may be earned in MFG 113, MFG 114, and MFG 115 or MFG 210 or MIT 210 but not in more than one. (45-0)

**MIT 212 Manufacturing Cell 2 Sem Hrs**

Introduces the manufacturing cell as it relates to the workplace. Teaches various cell information, i.e. tooling, material handling, layout, etc. Credit may be earned in MFG 212 or MIT 212 but not in both. (30-0)

**MIT 213 Mechanical Power Transmission 3 Sem Hrs**

Prerequisites: DRF 121, MS 113 or MS 114, and MT 221. Develops skills in designing and specifying mechanical power transmission components for use in a product or process. Uses mathematical skills to design parts, calculate design requirements, specify commercial components and design the layout of the mechanical power drive train. Verifies that the assembly meets all specifications and quality requirements. Develops a Bill of Materials for the mechanical power transmission components. Uses presentation skills to demonstrate how the components were designed and specified. Credit may be earned in MFG 213 or MIT 213 but not in both. (45-0)

**MIT 230 Plastics Technology 3 Sem Hrs**

Introduces the manufacturing technician, supervisor, or engineer to plastic materials and the corresponding conversion technologies. Defines the processing, material selection and testing of common industrial polymers. Credit may be earned in MFG 230 or MIT 230 but not in both. (30-20)

**MIT 231 Plastic Part Design & Processing 3 Sem Hrs**

Prerequisite: MFG 230. Builds fundamental skills in plastic design. Focuses on the design aspects of injection molded thermoplastic parts including blow molding and thermoforming. Explores the interrelationships between material, processing and tooling while maintaining profitability. Credit may be earned in MFG 231 or MIT 231 but not in both. (45-0)

**MIT 290-299 Special Projects in Manufacturing and Industrial Technology**

N/A

**Machine Tool Operation****MS 113 Introduction to Machining Processes 2 Sem Hrs**

Introduces the manufacturing facility. Utilizes safety, materials, hand tools, precision instruments, drill presses, lathes, mills, grinders, and saws. (30-30)

**MS 120 Machinery's Handbook 3 Sem Hrs**  
Prerequisite: MS 113 or MS 114 or SKTR 182; and SKMA 103 or MTH 103 or MT 110. Focuses on learning how to use and understand the Machinery's Handbook. Credit may be earned in either MS 120 or SKTR 183 but not both. (45-0)

**MS 181W Machine Tools I 4 Sem Hrs**  
Prerequisite: MS 113 or instructor permission. Introduces the manufacturing facility. Utilizes safety, materials, hand tools, precision instruments, drill presses, lathes, mills, pedestal grinders, and saws. Studies fundamentals and procedures to provide an understanding of manufacturing processes. Demonstrates greater knowledge of machine tool practices and applies that knowledge to educate others. Credit may be earned in MS 114 or MS 181 or SKTR 181 but not more than one. (30-60)

**MS 182 Machine Tools II 4 Sem Hrs**  
Prerequisites: MS-181 or SKTR-181 or permission of instructor. Trains in the set up and operation of various metal working machines and construction of projects from engineering drawings. Trains in use of a variety of measuring instruments to take measurements of one thousandth of an inch or closer. Utilizes safety, mills, lathes, drill presses, saws, grinders, speeds and feeds to complete duty and task list. Credit can be earned in MS 130 or MS-182 or SKTR 182, but not more than one. (45-45)

**MS 230 Machine Tools III 4 Sem Hrs**  
Prerequisites: MS 182 or SKTR-182 or permission of instructor. Trains in advanced set up and operation of various metal working machines to construct projects from engineering drawings. Trains in use of a variety of measuring instruments to take measurements of one ten thousandth of an inch or closer. Utilizes safety, materials, hand tools, precision measuring instruments, lathes, mills, flat surface grinders OD and ID surface grinders. Emphasizes jigs, fixturing, part location, speeds and feeds. (0-90)

**MS 290-299 Special Projects in Machine Tool Operations**

## Mechanical Technology

**MT 110 Machine Tool Calculations 4 Sem Hrs**  
Prerequisite: Math Level 4. Includes the following geometry topics: angles, triangles, polygons, circles, prisms, cylinders, and cones. Includes right-triangle trigonometry, radian measure, oblique-triangle trigonometry, and graphs of trigonometric functions. May receive credit in only one of the following: MTH 103, SKMA 103 or MT 110. (60-0)

**MT 151 Power Transmission 3 Sem Hrs**  
Prerequisite: MATH LEVEL 5: Identifies and explains safety rules, regulations, test procedures, installation, removal, and operation of belt drives, chain drives, mechanical couplings, and mechanical drive systems. Demonstrates the concepts of shaft alignment. Credit may be earned in MT 151 or SKMT 151 but not both. (30-15)

**MT 161 Industrial Rigging 2 Sem Hrs**  
Prerequisite: MATH LEVEL 5: Studies the methods of safe transfer of loads and provides comprehensive easy to understand and reliable information of the entire field of rigging operations. Discusses techniques and methods to accomplish the rigger's task with the greatest safety for all of the workers on a project, as well as for passers-by and the public in general. Identifies sources of, organizes, and describes safety rules, regulations and practices related to job-site hazards, personal protective equipment, aerial work, hazard communication, and electrical safety. Credit may be earned in MT 161 or SKMT 161 but not both. (30-15)

**MT 220 Hydraulics & Pneumatics I 3 Sem Hrs**  
Prerequisite: MATH LEVEL 6 or permission of instructor. Focuses on the operation and function of fluids, pumps, compressors, valves, cylinders, motors, filters, and other components used in the power and control of machine tools, construction and agricultural equipment. Uses algebraic formulas, charts, and graphic symbols for design and diagnosis of basic circuits. Credit may be earned in either SKMT 101 or MT 220 but not in both. (30-30)

**MT 221W Introduction to Engineering Materials 3 Sem Hrs**  
Prerequisite: MIT 111 and MATH LEVEL 6. Examines the physical, chemical and mechanical properties of metals, ceramics, polymers, and composite materials and relates these properties to application requirements. Exams the micro and macro structures of these materials along with the tests and measurements designed to identify them. Discusses concepts necessary to the selection and specification of materials for making products and building structures. (30-30)

**MT 250 Statics and Strength of Materials 3 Sem Hrs**  
Prerequisites: PHY 101 and MTH 103. Studies forces acting on rigid bodies, including applications of these forces to practical design problems. Introduces and uses concepts of stress in tension, compression, torsion, and shear in various combinations. (45-0)

**MT 251 Statics and Dynamics 3 Sem Hrs**  
Prerequisites: PHY 111 and MTH 121. Studies statics and dynamics of mechanical systems by solving problems of small sub-systems using a calculator. Studies forces in 2-D and 3-D acting on particle systems and rigid bodies. Solves problems using the following concepts: equilibrium laws, centroids, center of gravity, moment of inertia. Uses 3 methods to study dynamics of motion - kinematics, work/energy and impulse/momentum. (45-0)

**MT 252 Strength of Materials 3 Sem Hrs**  
Prerequisites: ENG 112 or ENG 113 and MT 251. Uses mathematical and computer methods, as well as Mohr's circle, to determine stress, strain, load, and deflection relationships for structure and machine elements. Uses machine components in tension, compression, or shear, beams in bending or deflection, columns, and bolted joints in design calculations. (45-0)

**MT 255 Kinematics of Mechanisms 3 Sem Hrs**  
Prerequisites: DRF 107 and PHY 111. Uses hand calculator, graphical and computer methods, to study mechanical motion concepts by calculating displacements, velocities and accelerations. Develops proficiency in the use of terminology; vectors; kinematic drawings; displacement drawings; displacement graphs; centros; displacement, velocity and acceleration analysis, cam motion calculations, and diagrams, spur gear set and gear trains. Credit may be earned in MT 244 or MT 255 but not in both. (30-30)

**MT 256 Machine Design 3 Sem Hrs**  
Prerequisites: PHY 111 or PHY 211, and MTH 121. Prior or concurrent enrollment in MT 252. Uses hand calculator and computer methods to solve for the dimensions and allowable loads of machine elements and power trains. Studies shafts, keyed couplings, bearings, gear trains, V-belt and chain drives, springs and fasteners. Requires a final design using CAD. (45-0)

**MT 258 Design for Assembly 1 Sem Hr**  
Prerequisites: Instructor's consent to register. Uses the Boothroyd/Dewhurst Design for Assembly software to redesign a manufactured product. Emphasizes team work in a concurrent engineering simulation. (15-0)

**MT 290-299 Special Projects in Mechanical Technology**

## Mathematics

Course prerequisites are stated in terms of either Delta courses or math prerequisite levels (see chart in this section) and are intended to insure that students choose the appropriate mathematics course. Individuals may have a mathematics background equivalent to a stated prerequisite in which case they should consult a counselor/advisor for assistance in evaluating equivalencies. Any student who feels that circumstances warrant waiving a prerequisite should consult the Mathematics & Computer Science Division for approval. (PLEASE NOTE: A math course which has been successfully completed more than four years from the start date of the intended class cannot be used to fulfill the prerequisite. Demonstrated math prerequisite knowledge may be needed for enrollment in selected math classes.)

### **MTH 090 Math Study Skills and Practical Applications 2 Sem Hrs**

Concurrent enrollment in a math course is required. Practices success strategies to be utilized in a math class. Includes learning styles, memory process, math anxiety, time management, reading, test taking, as well as other study skills. Applies success strategies to their current math class as well as collaborative problem solving using quantitative literacy applications from many other disciplines. Does not earn credit toward graduation. (30-0)

### **MTH 092 Basic Mathematics 2 Sem Hrs**

Prerequisite: MATH LEVEL 1. Provides a foundation in arithmetic. Covers four fundamental operations of whole numbers, fractions, and decimals. Includes percentages, ratios, proportions, and applications. Does not earn credit toward graduation. (30-0)

### **MTH 096 Pre-Algebra 2 Sem Hrs**

Prerequisite: MATH LEVEL 2. Provides preparation for algebra. Includes fractions, decimals, integers, ratios, and percentages with an introduction to equations, graphs, and functions. May receive credit in only one of the following: MTH 106 or MTH 096 or SKMA 096 or SKMA 101. Does not earn credit toward graduation. (30-0)

### **MTH 097 Algebra I 3 Sem Hrs**

Prerequisite: MATH LEVEL 3. Includes natural numbers, integers, first-degree equations and inequalities, special products, factoring, rational expressions and equations, graphs, and linear systems, exponents, and quadratic equations. May receive credit in only one of the following: MTH 107 or MTH 097 or SKMA 097 or SKMA 102. (Equivalent to first year high school algebra). Does not earn credit toward graduation. (45-0)

### **MTH 103 Applied Geometry and Trigonometry 4 Sem Hrs**

Prerequisite: Math Level 4. Includes the following geometry topics: angles, triangles, polygons, circles, prisms, cylinders, and cones. Includes right-triangle trigonometry, radian measure, oblique-triangle trigonometry, and graphs of trigonometric functions. May receive credit in only one of the following: MTH 103 or SKMA 103 or MT 110. (60-0)

### **MTH 115W Mathematics for Elementary Teachers I 3 Sem Hrs**

Prerequisite: MTH 097 with a grade of "C" or better or an acceptable score on the current college assessment instrument. Includes numeration systems, sets and their properties, classification of number systems (whole numbers through real number), operations and their properties, arithmetical algorithms, and problem solving. Uses a variety of learning styles, manipulatives, and calculator and computer applications. The National Council of Teachers of Mathematics Standards are incorporated. Students may use either MTH 115W or MTH 110, not both, to fulfill graduation requirements. (45-0)

### **MTH 116W Mathematics for Elementary Teachers II 3 Sem Hrs**

Prerequisite: MTH 115 or MTH 110 with a grade of "C" or better. Investigates problem solving, statistical charts and graphs, geometric figures and properties, and measurement systems including metric. Reviews fractions, decimals, percents, real numbers, their operations and properties. Reviews algebra of lines and equations. Includes a variety of learning styles using manipulatives, calculators and computer application. The National Council of Teachers of Mathematics Standards are incorporated. (45-0)

### **MTH 117 Math for Allied Health 2 Sem Hrs**

Prerequisite: MATH LEVEL 3. Reviews (very briefly) fractions, decimals, percentages, and proportions. Includes a study of the metric system and the household system with applications in converting from one system to another. Emphasizes applications including those involved in giving medications and in finding times and various rates for intravenous feedings. (30-0)

### **MTH 118W Mathematical Explorations 4 Sem Hrs**

Prerequisite: MATH LEVEL 4. Provides a course for students majoring in fields that do not have a specific mathematics requirement. Emphasizes practical applications of mathematics, problem solving, and the communication of mathematics. Includes core topics in Finance, Probability, Statistics, and Geometry. Integrates measurement in the geometry topic, and infuses algebra throughout all topics. A minimum of 4 additional topics will be selected from Economics, Calculus, Graph Theory, Set Theory, Game Theory, Number Theory, Logic, Voting, Apportionment, Combinatorics, Linear Programming, or other approved topics. A GRAPHING CALCULATOR IS REQUIRED. (60-0)

### **MTH 119AW Intermediate Algebra Extended Hours 4 Sem Hrs**

Prerequisite: MATH LEVEL 4 or MTH 097 with a grade of C or better. Includes fundamental concepts of algebra and applications, equation solving, graphs, systems of linear equations, quadratic equations, algebraic fractions, exponents, radicals, functions, and logarithms. Same content as MTH 119, but class meets 2 additional contact hours per week to allow 50% more time to review and learn each concept in MTH 119. Credit may be earned in MTH 119 or MTH 119A, but not both. A GRAPHING CALCULATOR IS REQUIRED (90-0)

### **MTH 119W Intermediate Algebra 4 Sem Hrs**

Prerequisite: MATH LEVEL 5. Includes fundamental concepts of algebra and applications, equation solving, graphs, systems of linear equations, quadratic equations, algebraic fractions, exponents, radicals, functions, and logarithms. Credit may be earned in MTH 119 or MTH 119A, but not both. A GRAPHING CALCULATOR IS REQUIRED. (60-0)

### **MTH 120 Finite Mathematics 3 Sem Hrs**

Prerequisite: Any MTH 119 with a grade of "C" or better or two years of high school algebra. Includes topics of mathematical modeling (polynomial and rational functions); their graphs and applications; and arithmetic and geometric progressions), systems of equations and inequalities, linear programming, and an introduction to probability (binomial distributions and graphing qualitative data). Covers computer applications of some topics. A GRAPHING CALCULATOR IS REQUIRED. (Those students planning to take MTH 161 should take MTH 151 rather than MTH 120.) (45-0)

### **MTH 121 Plane Trigonometry 3 Sem Hrs**

Prerequisite: Any MTH 119 with a grade of "C" or better or two years of high school algebra. Includes trigonometric functions and their graphs, solution of triangles, identities, trigonometric equations, inverse trigonometric functions, and complex numbers. A GRAPHING CALCULATOR IS REQUIRED. (45-0)

**MTH 122W College Algebra 4 Sem Hrs**  
 Prerequisite: MATH LEVEL 6. Reviews the mechanics of basic Algebra and solidifies understanding by using algebraic techniques, constructing mathematical models, solving problems and interpreting results. Includes: algebraic expressions; equations and inequalities; functions, inverse functions, and graphs; polynomial and rational functions; radical functions; exponential and logarithmic functions; matrices and determinants; systems of equations and inequalities; complex numbers; sequences and series. A GRAPHING CALCULATOR IS REQUIRED. (60-0)

**MTH 151 Pre-Calculus Mathematics 4 Sem Hrs**  
 Prerequisite: Any MTH 119 and MTH 121 with grades of "C" or better, or three years of high school college-preparatory mathematics including trigonometry. MTH 121 may be taken concurrently with instructor approval. Designed for students planning to take calculus. Includes a study of the elementary functions, equations and inequalities, systems of equations, review of trigonometry, and analytic geometry. A GRAPHING CALCULATOR IS REQUIRED. (60-0)

**MTH 153 Algebra for Calculus 3 Sem Hrs**  
 Prerequisites: Two years of high school algebra and permission of the instructor. Provides a review of algebra as related to calculus topics of limits, differentiation, and integration. Please note: This is a special section of math that may not be used to fulfill prerequisites required for other Delta College math courses. (45-0)

**MTH 160 Calculus for the Social and Managerial Sciences 4 Sem Hrs**  
 Prerequisite: MTH 120 or MTH 151 with a grade of "C" or better or at least three and a half years of high/ school-college preparatory mathematics. Satisfies the mathematics requirements for students majoring in business or social sciences. Covers topics include graphing, differentiation and integration of functions (algebraic, exponential, and logarithmic), and the use of these techniques within business and economic models. A GRAPHING CALCULATOR IS REQUIRED. (60-0)

**MTH 161 Analytic Geometry and Calculus I 4 Sem Hrs**  
 Prerequisite: MTH 151 with a grade of "C" or better or four years of high school college-preparatory mathematics including trigonometry. Includes functions, graphs, limits, continuity, derivatives and their applications, integrals, as well as differentiation and integration of exponential and logarithmic functions. A GRAPHING CALCULATOR IS REQUIRED. (60-0)

**MTH 162 Analytic Geometry and Calculus II 4 Sem Hrs**  
 Prerequisite: MTH 161 with a grade of "C" or better. Includes applications of integrals, integration techniques, limits and indeterminate forms, improper integrals, infinite series, polar coordinates, parametric equations, as well as differentiation and integration of trigonometric and hyperbolic functions. A TI 89 GRAPHING CALCULATOR IS REQUIRED. (60-0)

**MTH 208W Elementary Statistics 3 Sem Hrs**  
 Prerequisite: MTH 118 or MTH 119 or MTH 119A with a grade of "C" or better or two years of high school algebra. Studies statistical concepts including frequency distributions, measures of central tendency and dispersion, probability, confidence intervals, hypotheses testing, linear correlation and regression, chi-square, ANOVA. A SPECIFIC GRAPHING CALCULATOR IS REQUIRED. (45-0)

**MTH 260 Discrete Mathematics 3 Sem Hrs**  
 Prerequisite: MTH 161 with a grade of "C" or better. Introduces discrete mathematics topics for applied mathematics and computer science. Includes Boolean algebra, predicate logic, sets, relations, induction and recursion, counting theory, graphs and trees. (45-0)

**MTH 261 Analytic Geometry and Calculus III 4 Sem Hrs**  
 Prerequisite: MTH 162 with a grade of "C" or better. Includes solid analytical geometry, vectors, partial differentiation, multiple integration, line and surface integrals, Green's, Stokes', and Gauss' theorems. A CAS GRAPHING CALCULATOR IS REQUIRED. (60-0)

**MTH 263 Introduction to Linear Algebra 3 Sem Hrs**  
 Prerequisite: MTH261 with a grade of "C" or better. Investigates matrices, determinants, linear systems, vector spaces, linear transformations, eigenvalues, and eigenvectors. (45-0)

**MTH 264 Introduction to Ordinary Differential Equations 3 Sem Hrs**  
 Prerequisite: MTH 261 with a grade of "C" or better. Studies the techniques for solving first and second-order differential equations and first-order systems of differential equations both linear and nonlinear, through qualitative, quantitative and numerical approaches. Includes Laplace transforms and uses applications in science and engineering throughout the course. (45-0)

**MTH 290-299 Special Projects in Mathematics Sem Hr**

## Massage Therapy

**MTP 290-299 Special Projects in Massage Therapy Sem Hr**

**MTP 301 Manual Techniques I 6 Sem Hrs**  
 Prerequisites: Licensed Practical Nurse or Licensed Registered Nurse through the State of Michigan, or, Graduate of a fully accredited Physical Therapist Assistant Program in the State of Michigan. Out of state applicants must provide confirmation of above requirements. Provides an in-depth view of the history, theory, terminology, physiology, pathology, and basic techniques of both Western and Eastern medical models used during the stages of rehabilitation. Covers aspects of ethics, law, business, and marketing, and develops students use and integration of structural-based and energy-based body systems. Includes Swedish massage, structural-based massage, Myofascial release, trigger point therapy, traditional Chinese medicine, acupuncture, shiatsu, reflexology, and other advanced techniques. (90-0)

## Music

**MUS 100 Elements of Music 3 Sem Hrs**  
 Rudiments of music, including notation, clefs, keys, syllables, and rhythm. Elementary conducting technique. Planned to meet the basic musical needs of prospective elementary teachers. Also is a basic course in beginning theory for anyone interested in music. Recommended to be taken concurrently with MUS 131. (45-0)

**MUS 111 Music Appreciation I 3 Sem Hrs**  
 Provides fundamentals of listening to and understanding of instrumental music (concerto, small ensemble). Presents basic principles for discussion as they relate to a variety of examples from classical, folk, and pop styles. (45-0)

**MUS 112 Music Appreciation II 3 Sem Hrs**  
 Prerequisite: MUS 111 or permission of instructor. Continued study of instrumental music (concerto small ensemble). Promotes an understanding of and for vocal forms (Opera, art, song, large choral work, i.e., oratorios, masses). (45-0)

**MUS 118 Jazz History: Origins to the Present 3 Sem Hrs**  
 Assists students in developing an interest in and respect for Jazz as an original American art form. Traces Jazz history from its theoretical origins to the present. Focuses on the evolutionary development of the music and the artists who brought about Jazz. (45-0)

**MUS 119W The History of Rock and Roll: From Its Origins to 1980 3 Sem Hrs**  
 Develops an interest and respect for the origins and growth of Rock and Roll music in the United States and Europe through the focus on recordings and videos that documented its progress. (45-0)

**MUS 120W World Music: Survey 3 Sem Hrs**

Develops an interest and respect for music from different countries and cultures by tracing the development and structures of non-European music forms through a focus on recordings and artists that have documented these unique musical traditions. (45-0)

**MUS 131 Piano I 2 Sem Hrs**

Beginning class instruction leading to the ability to play melodies and accompanying chord patterns and rhythms. (15-15)

**MUS 132 Piano II 2 Sem Hrs**

Prerequisite: MUS 131 or permission of the instructor. Continuation of Piano I. (15-15)

**MUS 135 Fundamentals of Guitar 2 Sem Hrs**

Introduces basic written music notation, simple chords, strumming patterns, and right hand fingerstyle patterns. Performs a variety of traditional and popular songs. Enriches music skills for students and teachers. (30-0)

**MUS 136 Contemporary Guitar Styles 2 Sem Hrs**

Prerequisite: MUS 135 or permission of instructor. Student must provide own instrument. Utilizes rock, jazz, blues, and other songs to teach contemporary guitar styles. Uses tablature and chord charts extensively. Teaches scales and chords according to the needs of each style covered. Improvises over simple progressions in each of the above styles. (30-0)

**MUS 137 Classical Guitar 2 Sem Hrs**

Prerequisite: MUS 135 or permission of instructor. Nylon-string classical guitars are recommended. Introduces techniques and repertoire of the classical guitar and students will perform a variety of simple repertoire pieces from different historical style periods. Emphasizes solo and ensemble playing. Teaches rest stroke, free stroke, arpeggio technique, proper posture and positioning, reading music in 2 parts, and basic expressive interpretation. (30-0)

**MUS 138 Music Voice Class 2 Sem Hrs**

Emphasizes the vocal instrument and how it functions in singing. Practices techniques to improve the voice, rehearsing in both ensemble and solo settings, culminating in class performance at the end of the semester. Teaches vocal terminologies and explores a variety of musical styles. (30-0)

**MUS 154 Choir I 2 Sem Hrs**

Provides an opportunity for ensemble singing in 2, 3, 4, or more parts. Develops repertoire, musicianship, and proper vocal techniques through reading choral music, extending vocal range, pitch matching, proper practice and performance techniques. (30-0)

**MUS 155 Choir II 2 Sem Hrs**

Prerequisites: MUS 154 or Instructor permission. Provides a continuing opportunity for ensemble singing in 2, 3, 4, or more parts. Develops further repertoire, musicianship, and proper vocal techniques through reading choral music, extending vocal range, pitch matching, proper practice, and performance techniques. (30-0)

**MUS 158 Choir III 2 Sem Hrs**

Prerequisites: MUS 155 or Instructor permission. Provides a continuing opportunity for ensemble singing in 2, 3, 4, or more parts by building on knowledge learned in previous choral experience. Develops further repertoire, musicianship, and proper vocal techniques through reading choral music, extending vocal range, pitch matching, proper practice, and performance techniques. (30-0)

**MUS 171 Applied Music Piano Minor--Freshman 1 Sem Hr**

Prerequisite: Permission of music department. Private instruction/lessons provided and a minimum number of hours of weekly practice is required. A jury examination will be held at the end of each semester.

**MUS 172 Applied Music Piano Minor--Freshman 1 Sem Hr**

Prerequisite: Permission of music department. Private instruction/lessons provided and a minimum number of hours of weekly practice is required. A jury examination will be held at the end of each semester.

**MUS 173 Applied Music Instrumental Minor--Freshman 1 Sem Hr**

Prerequisite: Permission of music department. Private instruction/lessons provided and a minimum number of hours of weekly practice is required. A jury examination will be held at the end of each semester.

**MUS 174 Applied Music Instrumental Minor--Freshman 1 Sem Hr**

Prerequisite: Permission of music department. Private instruction/lessons provided and a minimum number of hours of weekly practice is required. A jury examination will be held at the end of each semester.

**MUS 175 Applied Music Voice Minor--Freshman 1 Sem Hr**

Prerequisite: Permission of music department. Develops the voice through repertoire, proper vocal techniques, warm-ups to extend vocal range and pitch matching, and works on proper practice and performance techniques. (15-0)

**MUS 176 Applied Music Voice Minor--Freshman 1 Sem Hr**

Prerequisite: Permission of music department. Private instruction/lessons provided and a minimum number of hours of weekly practice is required. A jury examination will be held at the end of each semester.

**MUS 181 Applied Music Piano Major--Freshman 2 Sem Hrs**

Prerequisite: Permission of music department. Private instruction/lessons provided and a minimum number of hours of weekly practice is required. A jury examination will be held at the end of each semester.

**MUS 182 Applied Music Piano Major--Freshman 2 Sem Hrs**

Prerequisite: Permission of music department. Private instruction/lessons provided and a minimum number of hours of weekly practice is required. A jury examination will be held at the end of each semester.

**MUS 183 Applied Music Instrumental Major--Freshman 2 Sem Hrs**

Prerequisite: Permission of music department. Private instruction/lessons provided and a minimum number of hours of weekly practice is required. A jury examination will be held at the end of each semester.

**MUS 184 Applied Music Instrumental Major--Freshman 2 Sem Hrs**

Prerequisite: Permission of music department. Private instruction/lessons provided and a minimum number of hours of weekly practice is required. A jury examination will be held at the end of each semester.

**MUS 185 Applied Music Voice Major--Freshman 2 Sem Hrs**

Prerequisite: Permission of music department. Private instruction/lessons provided and a minimum number of hours of weekly practice is required. A jury examination will be held at the end of each semester.

**MUS 186 Applied Music Voice Major--Freshman 2 Sem Hrs**

Prerequisite: Permission of music department. Private instruction/lessons provided and a minimum number of hours of weekly practice is required. A jury examination will be held at the end of each semester.

**MUS 271 Applied Music Piano Minor--Sophomore 1 Sem Hr**

Prerequisite: Permission of music department. Private instruction/lessons provided and a minimum number of hours of weekly practice is required. A jury examination will be held at the end of each semester.

**MUS 272 Applied Music Piano Minor--Sophomore 1 Sem Hr**

Prerequisite: Permission of music department. Private instruction/lessons provided and a minimum number of hours of weekly practice is required. A jury examination will be held at the end of each semester.

**MUS 273 Applied Music Instrumental Minor Sophomore 1 Sem Hr**

Prerequisite: Permission of music department. Private instruction/lessons provided and a minimum number of hours of weekly practice is required. A jury examination will be held at the end of each semester.

**MUS 274 Applied Music Instrumental Minor--Sophomore 1 Sem Hr**

Prerequisite: Permission of music department. Private instruction/lessons provided and a minimum number of hours of weekly practice is required. A jury examination will be held at the end of each semester.

**MUS 275 Applied Music Voice Minor--Sophomore 1 Sem Hr**

Prerequisite: Permission of music department. Private instruction/lessons provided and a minimum number of hours of weekly practice is required. A jury examination will be held at the end of each semester.

**MUS 276 Applied Music Voice Minor--Sophomore 1 Sem Hr**

Prerequisite: Permission of music department. Private instruction/lessons provided and a minimum number of hours of weekly practice is required. A jury examination will be held at the end of each semester.

**MUS 281 Applied Music Piano Major--Sophomore 2 Sem Hrs**

**MUS 282 Applied Music Piano Major--Sophomore 2 Sem Hrs**

Prerequisite: Permission of music department. Private instruction/lessons provided and a minimum number of hours of weekly practice is required. A jury examination will be held at the end of each semester.

**MUS 283 Applied Music Instrumental Major--Sophomore 2 Sem Hrs**

Prerequisite: Permission of music department. Private instruction/lessons provided and a minimum number of hours of weekly practice is required. A jury examination will be held at the end of each semester.

**MUS 284 Applied Music Instrumental Major--Sophomore 2 Sem Hrs**

Prerequisite: Permission of music department. Private instruction/lessons provided and a minimum number of hours of weekly practice is required. A jury examination will be held at the end of each semester.

**MUS 285 Applied Music Voice Major--Sophomore 2 Sem Hrs**

Prerequisite: Permission of music department. Private instruction/lessons provided and a minimum number of hours of weekly practice is required. A jury examination will be held at the end of each semester.

**MUS 286 Applied Music Voice Major--Sophomore 2 Sem Hrs**

Prerequisite: Permission of music department. Private instruction/lessons provided and a minimum number of hours of weekly practice is required. A jury examination will be held at the end of each semester.

**MUS 290-299 Special Projects in Music Sem Hr**

**Nursing Pt**

**NPT 101ALW Nursing Fundamentals Lab 1.5 Sem Hrs**

Prerequisite: Current validation for ADN Program - Part-time Track. Concurrent enrollment in NPT 101A. Emphasizes critical thinking related to application of specific concepts and nursing process as the framework for nursing diagnosis and practice skills. Requires mastery of specified clinical skills/procedures in a simulated laboratory setting. This lab course has a concurrent theory course. For successful completion, a grade of at least a "C" must be earned in both this course and its concurrent theory course. A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. Credit can be earned in NPT 101AL or NUR 101AL but not both. (0-67)

**NPT 101AW Nursing Fundamentals 3.5 Sem Hrs**

Prerequisite: Current validation for ADN program - Part-time Track. Concurrent enrollment in NPT 101AL. Introduces the three AND roles of Provider of Care, Manager of Care, and Member within the Discipline of Nursing. Identifies the role of professional nursing practice based on principles of the biological and social sciences. Addresses ethical and legal responsibilities of nursing practice. This theory course has a concurrent lab course (NPT 101AL). For successful completion, a grade of at least a "C" must be earned in both this course and its concurrent lab course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. Credit can be earned in NPT 101A or NUR 101A, but not both. (52-0)

**NPT 101BLW Care of the Aging Adult Lab 2.0 Sem Hrs**

Prerequisite: NPT 101A or NUR 101A and NPT 101AL or NUR 101AL with a minimum of "C" (2.0). Concurrent enrollment in NPT 101B. Applies the ADN roles of Provider of Care and Member within the Discipline of Nursing through application of the nursing process and adherence to legal and ethical aspects of nursing practice while providing nursing care for older adults in a variety of environments and health care settings. This lab course has a concurrent theory course. For successful completion, a grade of at least a "C" must be earned in both this course and its concurrent theory course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. Credit can be earned in NPT 101BL or NUR 101BL, but not both. (0-92)

**NPT 101BW Care of the Aging Adult 2.0 Sem Hrs**

Prerequisite: NPT 101A or NUR 101A and NPT 101AL or NUR 101AL with a minimum grade of "C" (2.0). Concurrent enrollment in NUR 101BL. Introduces concepts of gerontological nursing. For successful completion, a grade of at least a "C" must be earned in both this course and its concurrent lab course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. Credit can be earned in NPT 101B or NUR 101B, but not both. (30-0)

**NPT 115LW Maternity Nursing Lab 1 Sem Hr**

Prerequisite: NPT 101B or NUR 101B and NPT 101BL or NUR 101BL with minimum grade of "C" (2.0). Concurrent enrollment in NPT 115. Provides clinical opportunities to apply the ADN roles of Provider of Care and Member within the Discipline of Nursing in the Maternity Health Care setting and introduces the fundamental skills needed to function in the Manager of Care role. Requires a concurrent theory course (NPT 115). For successful completion, a grade of at least a "C" must be earned in this course and its concurrent theory course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. Credit may be earned in NPT 115L or NUR 115L, but not both. (0-45)

**NPT 115W Maternity Nursing 2 Sem Hrs**

Prerequisite: NPT 101B or NUR 101B and NPT 101BL or NUR 101BL with minimum grade of "C" (2.0). Concurrent enrollment in NPT 115L, NPT 116, and NPT 116L. Concurrent enrollment in NPT 115LW. Presents nursing care of the childbearing family. Focus on distinguishing normal from abnormal conditions and interventions to promote a safe, satisfying childbirth experience. Requires a concurrent lab course (NPT 115L). For successful completion, a grade of at least a "C" must be earned in this course and its concurrent lab course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. Credit can be earned in NPT 115 or NUR 115, but not both. (30-0)

**NPT 116LW Pediatric Nursing lab 1 Sem Hr**  
Prerequisite: NPT 101B or NUR 101B and NPT 101BL or NUR 101BL with a minimum grade of "C" (2.0). Concurrent enrollment in NPT 116. Provides clinical opportunities to apply the ADN roles of Provider of Care and Member within the Discipline of Nursing in the Pediatric Health Care setting and introduces the fundamental skills needed to function in the Manager of Care role. Requires a concurrent theory course (NPT 116). For successful completion, a grade of at least a "C" must be earned in this course and its concurrent theory course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. Credit can be earned in NPT 116L or NUR 116L, but not both. (0-45)

**NPT 116W Pediatric Nursing 2 Sem Hrs**  
Prerequisite: NPT 101B or NUR 101B and NPT 101BL or NUR 101BL with minimum grade of "C" (2.0). Concurrent enrollment in NPT 116L. Presents nursing care of the child and family experiencing illness/hospitalization. Emphasis on principles of growth and development, and bio-psycho-social needs of clients from infancy through adolescence. Requires a concurrent lab course (NPT 116L). For successful completion, a grade of at least a "C" must be earned in this course and its concurrent lab course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. Credit can be earned in NPT 116 or NUR 116, but not both. (30-0)

**NPT 119LW Mental Health Nursing Lab 1 Sem Hr**  
Prerequisite: NPT 101B or NUR 101B and NPT 101BL or NUR 101BL with a minimum grade of "C" (2.0). Concurrent enrollment in NPT 119. Provides clinical opportunities to apply the ADN roles of Provider of Care and Member within the Discipline of Nursing in selected health care/mental health agencies and introduces the fundamental skills needed to function in the Manager of Care role. Requires a concurrent theory course (NPT 119). For successful completion, a grade of at least a "C" must be earned in this course and its concurrent theory course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. Credit may be earned in NPT 119L or NUR 119L, but not both. (0-45)

**NPT 119W Mental Health Nursing 2 Sem Hrs**  
Prerequisite: NPT 101B or NUR 101B and NPT 101BL or NUR 101BL with a minimum grade of "C" (2.0). Concurrent enrollment in NPT 119L. Presents nursing care of clients and their families experiencing emotional distress/mental illness. Requires a concurrent lab course (NPT 119L). For successful completion, a grade of at least a "C" must be earned in this course and its concurrent lab course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. Credit may be earned in NPT 119 or NUR 119, but not both. (30-0)

**NPT 240LW Basic Nursing Care of the Adult Client Lab 4.3 Sem Hrs**  
Prerequisite: NPT 115, NPT 116, and NPT 119 or NUR 115, NUR 116, and NUR 119 and NPT 115L, NPT 116L, and NPT 119L or NUR 115L, NUR 116L, and NUR 119L with a minimum grade of a "C" (2.0). Concurrent enrollment in NPT 240. Applies the nursing process in caring for the adult patient and requires clinical application of concepts in an acute care setting. Provides opportunities to apply the ADN roles of Provider of Care, Manager of Care, and continues to build on the role as a Member within the Discipline of Nursing. This lab course has a concurrent theory course. For successful completion, a grade of at least a "C" must be earned in both this course and the concurrent theory course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. Credit may be earned in NPT 240L or NUR 240L, but not both. (0-195)

**NPT 240W Basic Nursing Care of the Adult Client 4.7 Sem Hrs**  
Prerequisite: NPT 115, NPT 116, and NPT 119 or NUR 115, NUR 116, and NUR 119 and NPT 115L, NPT 116L, and NPT 119L or NUR 115L, NUR 116L, and NUR 119L with a minimum grade of a "C" (2.0). Concurrent enrollment in NPT 240L. Presents health care problems related to alterations in hematology, cardiopulmonary, endocrine, musculoskeletal, gastrointestinal, renal, reproductive, perioperative, and neuro function with emphasis on critical thinking in basic to complex nursing care. For successful completion, a grade of at least a "C" must be earned in both this course and its concurrent lab course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. Credit may be earned in NPT 240 or NUR 240, but not both. (70-0)

**NPT 250LW Nursing Care and Management Throughout the Health Continuum Lab 5 Sem Hrs**  
Prerequisite: NPT 240, NUR 240, or NT 219 and NPT 240L, NUR 240L or NT 219L with a minimum grade of "C" (2.0). Concurrent enrollment in NPT 250. This course will provide an opportunity to enhance nursing practice skills through managing nursing care of a group of hospitalized clients. Emphasizes concepts, principles, and skills of the three ADN roles of Provider of Care, Manager of Care, and Member within the Discipline of Nursing necessary for entry level nursing practice. Requires a concurrent theory course (NPT 250). For successful completion, a grade of at least a "C" must be earned in both this course and its concurrent theory course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. Credit may be earned in NPT 250L or NUR 250L, but not both. (0-225)

**NPT 250W Nursing Care and Management Throughout the Health Continuum 4 Sem Hrs**  
Prerequisite: NPT 240 or NUR 240 or NT 219 and NPT 240L or NUR 240L or NT 219L with minimum grade of "C" (2.0). Concurrent enrollment in NPT 250L. This course will provide opportunities to enhance nursing practice skills through managing nursing care of a group of hospitalized clients having acute cardiovascular, respiratory, renal, and multisystem dysfunction, as well as clients facing trauma, cancer, immunologic dysfunction, shock, and hemodynamic instability. Requires a concurrent lab course (NPT 250L). For successful completion, a grade of at least a "C" must be earned in this course and its concurrent lab course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. Credit may be earned in NPT 250 or NUR 250, but not both. (60-0)

**NPT 290-299 Special Projects in Nursing RN Part Time**

## Nursing Transition

**NT 160LW Transitional Skills and Concepts Lab 1.0 Sem Hr**  
Prerequisite: Completion of NT 161 and NT 162 with a minimum grade of "C" (2.0). Concurrent enrollment in NT 160. Provides opportunities to practice specific nursing procedures in a simulated and clinical laboratory setting. Requires demonstration of skill competencies and documentation for successful course completion. This lab course has a concurrent theory course. For successful completion, a grade of at least "C" must be earned in this course and the concurrent theory course (lab grade will be same as theory grade). A final grade of "E" will be assigned in both theory and lab if either course is not successfully completed. (0-45)

**NT 160W Transitional Skills and Concepts 1.0 Sem Hr**  
Prerequisite: Completion of NT 161 and NT 162 with a minimum grade of "C" (2.0). Concurrent enrollment in NT 160L. Focuses on basic nursing skills/procedures and related communication necessary for function in the ADN Provider of Care role. This theory course has a concurrent lab course. For successful completion, a grade of at least a "C" must be earned in this course and its concurrent lab course (lab grade will be same as theory grade). A final grade of "E" will be assigned in both theory and lab if either course is not successfully completed. (15-0)

**NT 161W**      **Transition - Basic Principles of Adult Care**      **2 Sem Hrs**  
Prerequisite: LPN or Paramedic Licensure, 1 year full time equivalent work experience and validation for Transition program. (LPN option: no work experience required if student has maintained a GPA of 3.0 or greater throughout the ADN prerequisite core courses and PNE clinical courses, and meets all other prerequisite requirements.) Solidifies knowledge of the Provider of Care role related to aseptic technique, nutritional requirements, medication administration, fluid and electrolyte regulation, and acid-base balance. (30-0)

**NT 162W**      **Role and Function of the RN**      **2 Sem Hrs**  
Prerequisite: LPN or Paramedic Licensure, 1 year full time equivalent work experience and validation for Transition program. (LPN option: no work experience required if student has maintained a GPA of 3.0 or greater throughout the ADN prerequisite core courses and PNE clinical courses, and meets all other prerequisite requirements.) Introduces the three roles of the ADN: Provider of Care, Manager of Care, and Member within the Discipline of Nursing. Discusses the history of nursing, nursing theorists, and social policy. Emphasizes communication, ethical and legal implications for nursing, education preparation for various nursing roles, image of nursing, political action, theories and models of practice, teaching/learning principles, concepts of ethnic, and cultural diversity. (30-0)

**NT 163LW**      **Advanced principles of Adult Care for the LPN/Licensed Paramedic Lab**      **3 Sem Hrs**  
Prerequisite: NT 161 and NT 162 with minimum grade of "C" (2.0) for both LPNs and Paramedics; NT 160 and NT 160L for Paramedics with minimum grade of "C" (2.0). Concurrent enrollment in NT 163. Applies the nursing process in caring for the adult patient and requires clinical application of concepts in an acute care setting. Provides opportunities to apply the ADN roles of Provider of Care, Manager of Care, and continues to build on role functions as a Member within the Discipline of Nursing. This lab course has a concurrent theory course. For successful completion, a grade of at least a "C" must be earned in both this course and its concurrent theory course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. (0-135)

**NT 163W**      **Advanced Principles of Adult Care for the LPN/Licensed Paramedic**      **3 Sem Hrs**  
Prerequisite: NT 161 and NT 162 with minimum grade of "C" (2.0). Concurrent enrollment in NT 163L. Presents health care problems related to alterations in hematology, cardiopulmonary, endocrine, reproductive, perioperative, musculoskeletal, gastrointestinal, renal, and neuro function with emphasis on critical thinking in basic to complex nursing care. For successful completion, a grade of at least a "C" must be earned in both this course and its concurrent lab course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. (45-0)

**NT 215LW**      **Transition-Maternity Nursing Lab**      **1 Sem Hr**  
Prerequisite: NT 163 and NT 163L with a minimum grade of "C" (2.0). Concurrent enrollment in NT 215. Provides clinical opportunities to apply the ADN roles of Provider of Care and Member within the Discipline of Nursing in the maternity health care setting and introduces the fundamental skills needed to function in the Manager of Care role. Requires a concurrent theory course (NT 215). For successful completion, a grade of at least a "C" must be earned in this course and its concurrent theory course. A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. (0-45)

**NT 215W**      **Transition-Maternity Nursing**      **2.0 Sem Hrs**  
Prerequisite: NT 163 and NT 163L with a minimum grade of "C" (2.0). Concurrent enrollment in NT 215L. Presents nursing care of the childbearing family. Focuses on distinguishing normal from abnormal conditions and interventions to promote a safe, satisfying childbirth experience. Requires a concurrent lab course (NT 215L). For successful completion, a grade of at least a "C" must be earned in this course and its concurrent lab course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. (30-0)

**NT 216LW**      **Transition-Pediatric Nursing Lab**      **1 Sem Hr**  
Prerequisite: NT 163 and NT 163L with a minimum grade of "C" (2.0). Concurrent enrollment in NT 216. Provides clinical opportunities to apply the AND role of Provider of Care and Member within the Discipline of Nursing in the Pediatric Health Care setting and introduces the fundamental skills needed to function in the Manager of Care role. Requires a concurrent theory course (NT 216). For successful completion a grade of at least a "C" must be earned in this course and its concurrent theory course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. (0-45)

**NT 216W**      **Transition-Pediatric Nursing**      **2 Sem Hrs**  
Prerequisite: NT 163 and NT 163L with a minimum grade of "C" (2.0). Concurrent enrollment in NT 216L. Presents nursing care of the child and family experiencing illness/hospitalization. Emphasizes principles of growth and development, and bio-psycho-social needs of clients from infancy through adolescence. Requires a concurrent lab course (NT 216L). A grade of at least a "C" must be earned in this course and its concurrent lab course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. (30-0)

**NT 219LW**      **Transition-Mental Health Nursing Lab**      **1 Sem Hr**  
Prerequisite: NT 163 and NT 163L with a minimum grade of "C" (2.0). Concurrent enrollment in NT 219. Provides clinical opportunity to apply the AND roles of Provider of Care and Member Within the Discipline of Nursing in selected health care/mental health agencies and introduces the fundamental skills needed to function in the manager of Care role. Requires a concurrent theory course (NT 219). For successful completion, a grade of at least a "C" must be earned in this course and its concurrent theory course (lab grade will be same as theory course). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. (0-45)

**NT 219W**      **Transition-Mental Health Nursing**      **2 Sem Hrs**  
Prerequisite: NT 163 and NT 163L with a minimum grade of "C" (2.0). Concurrent enrollment in NT 219L. Presents nursing care of clients and their families experiencing emotional distress/mental illness. Requires a concurrent lab course (NT 219L). For successful completion, a grade of at least a "C" must be earned in this course and its concurrent lab course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. (30-0)

**NT 290-299**      **Special Projects in Nursing Transition**

## Nursing Rn Ft

**NUR 100A**      **Introduction to Nursing Careers**      **1 Sem Hr**  
Provides strategies and skills to enhance success within Delta's nursing program. Emphasizes critical thinking, time management, and learning styles. Includes overview of nursing's past and present, and challenges for the future. Credit may be earned in NUR 100 or NUR 100A, but not both. (15-0)

**NUR 101ALW Nursing Fundamentals Lab****1.5 Sem Hrs**

Prerequisite: Current validation for ADN program - Full-time Track. Concurrent enrollment in NUR101A. Emphasizes critical thinking related to application of specific concepts and nursing process as the framework for nursing diagnosis and practice skills. Requires mastery of specified clinical skills/procedures in a simulated laboratory setting. This lab course has a concurrent theory course. For successful completion, a grade of at least "C" must be earned in both this course and its concurrent theory course. A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. Credit may be earned in NUR 101AL or NPT 101AL but not both. (0-67)

**NUR 101AW Nursing Fundamentals****3.5 Sem Hrs**

Prerequisite: Current validation for ADN program - Full-time Track. Concurrent enrollment in NUR 101AL. Introduces the three ADN roles of Provider of Care, Manager of Care, and Member within the Discipline of Nursing. Identifies the role of professional nursing practice based on principles of the biological and social sciences. Addresses ethical and legal responsibilities of nursing practice. This theory course has a concurrent lab course. For successful completion, a grade of at least a "C" must be earned in this course and its concurrent lab course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if the lab course is not successfully completed. Credit may be earned in NUR 101A or NPT 101A but not both. (52-0)

**NUR 101BLW Care of the Aging Adult Lab****2.0 Sem Hrs**

Prerequisite: NUR 101A or NPT 101A with a minimum of "C" (2.0) and NUR 101AL or NPT 101AL. Concurrent enrollment in NUR 101B. Applies the ADN roles of Provider of Care and Member within the Discipline of Nursing through application of the nursing process and adherence to legal and ethical aspects of nursing practice while providing nursing care of older adults in a variety of environments and health care settings. This lab course has a concurrent theory course. For successful completion, a grade of at least a "C" must be earned in both this course and its concurrent theory course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. Credit can be earned in NUR 101BL or NPT 101BL, but not both. (0-92)

**NUR 101BW Care of the Aging Adult****2.0 Sem Hrs**

Prerequisite: NUR 101 or NPT 101A and NUR 101AL or NPT 101AL with a minimum grade of "C" (2.0). Concurrent enrollment in NUR 101BL. Introduces concepts of gerontological nursing. This theory course has a concurrent lab course. For successful completion, a grade of at least a "C" must be earned in both this course and its concurrent lab course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. Credit can be earned in NUR 101B or NPT 101B, but not both. (30-0)

**NUR 115LW Maternity Nursing Lab****1 Sem Hr**

Prerequisite: NUR 101B or NPT 101B and NUR 101BL or NPT 101BL with a minimum grade of "C" (2.0). Concurrent enrollment in NUR 115. Provides clinical opportunities to apply the ADN roles of Provider of Care and Member within the Discipline of Nursing in the Maternity Health Care setting and introduces the fundamental skills needed to function in the Manager of Care role. Requires a concurrent theory course (NUR 115). For successful completion, a grade of at least a "C" must be earned in this course and its concurrent theory course (lab grade will be the same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. Credit can be earned in NUR 115L or NPT 115L, but not both. (0-45)

**NUR 115W Maternity Nursing****2 Sem Hrs**

Prerequisite: NUR 101B or NPT 101B and NUR 101BL or NPT 101BL with minimum grade of "C" (2.0). Concurrent enrollment in NUR 115L. Presents nursing care of the childbearing family. Focuses on distinguishing normal from abnormal conditions and interventions to promote a safe, satisfying childbirth experience. Requires a concurrent lab course (NUR 115L). For successful completion, a grade of at least a "C" must be earned in this course and its concurrent lab course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. Credit can be earned in NUR 115 or NPT 115, but not both. (30-0)

**NUR 116LW Pediatric Nursing Lab****1 Sem Hr**

Prerequisite: NUR 101B or NPT 101B and NUR 101BL or NPT 101BL with minimum grade of "C" (2.0). Provides clinical opportunities to apply the ADN roles of Provider of Care and Member within the Discipline of Nursing in the Pediatric Health Care setting and introduces the fundamental skills needed to function in the Manager of Care role. Requires a concurrent theory course (NUR 116). For successful completion, a grade of at least a "C" must be earned in this course and its concurrent theory course. A final grade of "F" will be assigned in both theory and lab if either component is not successfully completed. Credit can be earned in NUR 116L or NPT 116L, but not both. (0-45)

**NUR 116W Pediatric Nursing****2 Sem Hrs**

Prerequisite: NUR 101B or NPT 101B and NUR 101BL or NPT 101BL with minimum grade of "C" (2.0). Concurrent enrollment in NUR 116LW. Presents nursing care of the child and family experiencing illness/hospitalization. Emphasis on principles of growth and development, and biopsychosocial needs of clients from infancy through adolescence. Requires a concurrent lab course (NUR 116L). For successful completion, a grade of at least a "C" must be earned in both this course and its concurrent lab course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. Credit can be earned in NUR 116 or NPT 116, but not both. (30-0)

**NUR 119LW Mental Health Nursing Lab****1 Sem Hr**

Prerequisite: NUR 101B or NPT 101B and NUR 101BL or NPT 101BL with a minimum grade of "C" (2.0). Concurrent enrollment in NUR 119W. Provides clinical opportunities to apply the ADN roles of Provider of Care and Member within the Discipline of Nursing in selected health care/mental health agencies and introduces the fundamental skills needed to function in the Manager of Care role. Requires a concurrent theory course (NUR 119). For successful completion, a grade of at least a "C" must be earned in this course and its concurrent theory course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. Credit may be earned in NUR 119L or NPT 119L, but not both. (0-45)

**NUR 119W Mental Health Nursing****2 Sem Hrs**

Prerequisite: NUR 101B or NPT 101B and NUR 101BL or NPT 101BL with minimum grade of "C" (2.0). Concurrent enrollment in NUR 119L. Presents nursing care of clients and their families experiencing emotional distress/mental illness. Requires a concurrent lab course (NUR 119L). For successful completion, a grade of at least a "C" must be earned in this course and its concurrent lab course (lab grade will same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. Credit may be earned in NUR 119 or NPT 119, but not both. (30-0)

**NUR 240LW Basic Nursing Care of the Adult Client Lab 4.3 Sem Hrs**

Pre-requisite: NUR 115, NUR 116, and NUR 119 or NPT 115, NPT 116, and NPT 119 and NUR 115L, NUR 116L, and NUR 119L or NPT 115L, NPT 116L, and NPT 119L with minimum grade of a "C" (2.0). Applies the nursing process in caring for the adult patient and requires clinical application of concepts in an acute care setting. Provides opportunities to apply the ADN roles of Provider of Care, Manager of Care, and continues to build on role function as a Member within the Discipline of Nursing. This lab course has a concurrent theory course (NUR 240). For successful completion, a grade of at least a "C" must be earned in both this course and its concurrent theory course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. Credit may be earned in NUR 240L or NPT 240L, but not both. (0-195)

**NUR 240W Basic Nursing Care of the Adult Client 4.7 Sem Hrs**

Prerequisite: NUR 115, NUR 116, NUR 119 or NPT 115, NPT 116, NPT 119 and NUR 115L, NUR 116L, NUR 119L or NPT 115L, NPT 116L, NPT 119L with minimum grade of a "C" (2.0). Concurrent enrollment in NUR 240L. Presents health care problems related to alterations in hematology, cardiopulmonary, endocrine, musculoskeletal gastrointestinal, renal, reproductive, perioperative, and neuro function with emphasis on critical thinking in basic to complex nursing care. For successful completion, a grade of at least a "C" must be earned in both this course and its concurrent lab course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. Credit may be earned in NUR 240 or NPT 240, but not both. (70-0)

**NUR 250LW Nursing Care and Management Throughout the Health Continuum Lab 5 Sem Hrs**

Prerequisite: NUR 240 or NPT 240 or NT 219 and NUR 240L or NPT 240L, or NT 219L with minimum grade of "C" (2.0). Concurrent enrollment in NUR 250. Provides an opportunity to enhance nursing practice skills through managing nursing care of a group of hospitalized clients. Emphasizes concepts, principles, and skills of the three ADN roles of Provider of Care, Manager of Care, and Member within the Discipline of Nursing necessary for entry level nursing practice. Requires a concurrent theory course (NUR 250). For successful completion, a grade of at least a "C" must be earned in this course and its concurrent theory course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. Credit may be earned in NUR 250L or NPT 250L, but not both. (0-225)

**NUR 250W Nursing Care and Management Throughout the Health Continuum 4 Sem Hrs**

Prerequisite: NUR 240 or NPT 240 or NT 219 and NUR 240L, NPT 240L, or NT 219L with minimum grade of "C" (2.0). Concurrent enrollment in NUR 250L. Provides opportunities to enhance nursing practice skills through managing nursing care of a group of hospitalized clients having acute cardiovascular, respiratory, renal, and multi-system dysfunction, as well as clients facing trauma, cancer, immunologic dysfunction, shock, and hemodynamic instability. Requires a concurrent lab course (NUR 250L). For successful completion, a grade of at least a "C" must be earned in this course and its concurrent lab course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. Credit can be earned in NUR 250 or NPT 250, but not both. (60-0)

**NUR 290-299 Special Projects in Nursing Sem Hr**

**Office Administration & Technology**

**OAT 105W Time Management 1 Sem Hr**

Prerequisite: WRITING LEVEL 2. Explores the principles of effective time and life management. Develops skills in time management using a traditional paper planner as well as an electronic calendar. (15-0)

**OAT 116 Introduction to the Medical Office 2 Sem Hrs**

Prerequisite: MATH LEVEL 2. Introduces the pegboard system including day sheets, patient ledgers and receipts; emphasizes the accurate recording of charges, payments and adjustments. Includes introduction of basic accounting procedures including journalizing, posting, banking, payroll, and preparation of the income statement and balance sheet. Credit may be earned in OSE 116 or OAT 116 but not in both. (30-0)

**OAT 150 Business English 3 Sem Hrs**

Prerequisite: READING LEVEL 2 and WRITING LEVEL 2. Emphasizes the development of sound English usage skills. Emphasizes language skills that will enable students to perform effectively and efficiently in an information-based work environment. (45-0)

**OAT 151 Business Communication I 3 Sem Hrs**

Prerequisite: READING LEVEL 4 and WRITING LEVEL 4; or C or higher in OAT 150. Includes principles and composition of effective basic business letters and memos as well as accuracy in grammar, spelling, punctuation, sentence structure, and format. Requires keyboarded assignments. (45-0)

**OAT 152 Business Communication II 3 Sem Hrs**

Prerequisite: Business Communication I (OAT 151 or OSE 151) with a C (2.0) grade minimum. Studies effective verbal and nonverbal communication in business. Emphasizes audience reaction, logical organization, tone, clarity, and accuracy. Involves career information, the research process, and reporting. Credit may be earned in OSE 152 or OAT 152 but not in both. (45-0)

**OAT 153 Police Report Writing 1 Sem Hr**

Concurrent enrollment in CJ 101, LWT 175, and LW 280. Requires a grade of "C" (2.0) or better to complete the Basic Police Training Academy. Develops and enhances writing skills necessary to law enforcement including preparation of police reports, incident reports, summaries of witness and complaint interviews, and criminal case summaries. Credit may be earned in OSE 153 or OAT 153 but not in both. (15-0)

**OAT 155W Editing 2 Sem Hrs**

Prerequisite: OAT 151 and OAT 171 or demonstrated keyboarding skills. Develops proofreading and editing skills. Reviews business writing principles and the use of revision symbols. Emphasizes revising both format and content of business documents. Requires a service learning experience. (30-0)

**OAT 157 File Management 2 Sem Hrs**

Prerequisite: OAT 170 Keyboarding with a "C" (2.0) grade minimum or equivalent touch typing and computer background. Covers principles and practices of effective records management for manual and automated records systems using alphabetic, numeric, chronologic, and subject methods. Introduces database concepts needed for understanding automated records storage and retrieval methods including adding, modifying, sorting, designing, searching and printing. Credit may be earned in OSE 157 or OAT 157 but not in both. (30-0)

**OAT 166W Office Internship 3 Sem Hrs**

(Prerequisite: Minimum 25 credits completed in Administrative Assistant program. Student must apply for placement in OAT 166 in semester previous to anticipated placement.) Integrates and reinforces the student's academic studies with related work of at least 180 hours at a designated work site. Seminars will be held on campus as a forum of discussion for career enhancement. (15-180)

**OAT 170 Keyboarding 2 Sem Hrs**

Develops the touch system of the alphabetic, numeric, symbol keys and the 10-key pad of the microcomputer keyboard. Credit may be earned in OSE 170 or OAT 170 but not in both. A waiver test is available for those who are proficient in typing. (30-0)

**OAT 171 Document Processing: Beginning 3 Sem Hrs**

Prerequisite: OAT 170 Keyboarding with "B" grade or better or equivalent computer background with accurate touch typing speed of at least 25 words per minute. Uses MS Word to introduce the formatting of business correspondence, reports, and tables. Develops speed and accuracy on the computer keyboard. (45-0)

**OAT 172 Document Processing: Intermediate 3 Sem Hrs**

Prerequisite: OAT 171 with a "C" (2.0) grade minimum or equivalent. Studies the efficient use of MS Word for the production of complex business correspondence, reports, and tables. Introduces the use of appropriate punctuation in business documents. Increases speed and accuracy on the computer keyboard. (45-0)

**OAT 175 Electronic Calculation 2 Sem Hrs**

Prerequisite: MATH LEVEL 2. Develops the touch system of data entry for addition and incorporates the functions of addition, subtraction, multiplication, and division for various business applications using electronic calculating tools. Credit may be earned in OAT 175 or OSE 175 but not in both. (30-0)

**OAT 243 Diagnostic Coding 3 Sem Hrs**

Prerequisite: HSC 105 and BIO 101W (or BIO 101 equivalent: BIO 140, or BIO 152 and 153, or BIO 171 and 172, or BIO 240 and 241). Presents diagnosis as it relates to physicians' health insurance claims processing; includes decision making necessary for accurate diagnosis code choices, abstracting diagnosis from health care documentation, and using the ICD-9-CM diagnosis coding system. Course may be taken concurrently with OAT 244 Procedure Coding. (45-0)

**OAT 244 Procedure Coding 3 Sem Hrs**

Prerequisite: HSC 105 and BIO 101W (or BIO 101 equivalent: BIO 140, or BIO 152 and 153, or BIO 171 and 172, or BIO 240 and 241). Presents procedure as it relates to physicians' health insurance claims processing; includes decision making necessary for accurate procedure code choices, abstracting procedure from health care documentation, and using CPT and HCPCS procedure coding systems. Course may be taken concurrently with OAT 243 Diagnostic Coding. (45-0)

**OAT 254 Medical Insurance I 3 Sem Hrs**

Prerequisite: OAT 243 and OAT 244; or OAT 250 with a minimum grade of C (2.0) or permission of instructor. Includes diagnostic and procedure coding, basic insurance concepts, and terminology used by health insurance carriers. Includes insurance claims for the major insurance carriers. (45-0)

**OAT 255 Medical Insurance II 3 Sem Hrs**

Prerequisite: OAT 254 with a minimum grade of C (2.0) or permission of instructor. Studies Michigan Insurance claims processing including case study, coordination of benefits, adjustments, deductibles, co-pays, posting of payments and resolution of reimbursement problems. Includes insurance claims for the major insurance carriers.

**OAT 260 Medical Transcription: Beginning 3 Sem Hrs**

Prerequisite: OAT 172, HSC 105, and one of the following: BIO 101, BIO 131, BIO 132, BIO 140, BIO 152, BIO 153, BIO 160, or BIO 240; all with a minimum grade of "C" (2.0). Introduces cassette transcription machine operation and microcomputer to record physicians' dictation of medical progress notes, operative reports, letters, and miscellaneous medical documents. Incorporates extensive practice and application of medical terminology, spelling, grammar, punctuation, and capitalization. Uses various medical form formats. Credit may be earned in OAT 260 or OSE 260 but not in both. (45-0)

**OAT 262 Medical Transcription: Intermediate 3 Sem Hrs**

Prerequisites: OAT 260 or OSE 260 or OSE 276 with a minimum grade of C (2.0). Develops increasing proficiency in medical transcription skills through the use of progressively more complex material and an emphasis on student self reliance in the production of accurate and/or mailable medical documents. (45-0)

**OAT 266 Medical Office Practice 4 Sem Hrs**

Prerequisites: OAT 151, OAT 172, OAT 254, and OAT 260, all with a C (2.0) grade minimum. Integrates medical office correspondence, reports, billing, appointments, medical records, medical-legal issues, priority setting, and electronic medical office management. Stresses job-task analysis and human relations. (60-0)

**OAT 268 Administrative Office Practices 3 Sem Hrs**

Prerequisites: OAT 151, OAT 172, CST 151, CST 257, and CST 147 with a C (2.0) grade minimum. Develops advanced office skills through the integration of MS Office programs and the use of Internet, e-mail, and electronic calendaring activities. Provides opportunities for problem solving, decision-making, and teamwork. (45-0)

**OAT 273 Document Processing: Advanced 3 Sem Hrs**

Prerequisite: OAT 172 with a "C" (2.0) grade minimum or equivalent. Develops proficiency in using the advanced features of MS Word to produce documents used in various business offices. Emphasizes the use of appropriate punctuation, grammar, and mechanics in business documents. Increases speed and accuracy on the computer keyboard. (45-0)

**OAT 285W Office Technology 3 Sem Hrs**

Prerequisite: Minimum of 25 credit hours completed in Administrative Assistant program or permission of instructor. Introduces students to technological innovations in business and industry. Includes topics such as electronic communication, audio conferencing, video conferencing, and source document automation including voice recognition. Requires on-site visitation. (45-0)

**OAT 290-299 Special Projects in Office Administration and Technology****Philosophy****PHL 203W Business Ethics 3 Sem Hrs**

Prerequisite: READING LEVEL 2 or WRITING LEVEL 2. Serves as a foundation for the analysis of ethical conflicts arising in modern business. Develops a practical background in critical thinking, ethical decision-making, argumentation, and the justification of ethical positions. Examines concepts, case studies and topics covering issues such as employee and employer rights, the nature of profit, the nature of the capitalist system, justice, technology, privacy, due process, affirmative action, fraud, and the environment. (45-0)

**PHL 205W Media Ethics & Law 3 Sem Hrs**

Studies and analyzes various ethical and legal issues within the mass media. Develops analytical decision-making skills for resolving conflicts regarding privacy, confidentiality, freedom of speech, and media responsibility within the areas of television and radio broadcasting, print media, advertising and computer based information systems. (45-0)

**PHL 207W Engineering Ethics 1 Sem Hr**

Provides a foundation for the study and analysis of various ethical issues and dilemmas within the engineering profession. Develops analytical decision-making skills for resolving ethical conflicts. Studies topics such as ethical standards versus legal standards, safety hazards, whistle blowing, disclosure of information, professionalism, enhancement of human welfare through engineering competence and individual ethics versus job security. (15-0)

**PHL 210W Information Technology Ethics & Law 2 Sem Hrs**

Studies and analyzes ethical and legal issues in computing and the information technology industry. Develops analytical decision-making skills for issues including intellectual property, product piracy, copyright laws, pertinent court decisions, privacy and security, and software product quality. Includes special issues related to use of the Internet for information technology professionals. (30-0)

**PHL 211 Introduction to Philosophy 3 Sem Hrs**  
Prerequisite: READING LEVEL 2 or WRITING LEVEL 2. Introduces the logic of philosophical thinking and to important philosophical issues. Covers such topics as proofs for the existence of God, the ultimate nature of reality, what it means to be human, and the nature of ethics. Presents historically important Western and non-Western philosophers and their theories. Allows opportunities to read about, discuss, analyze and write about course topics. Emphasizes understanding the issues, learning the various positions and arguments taken by philosophers, critically questioning those positions and arguments, and finally, reaching and defending personal philosophical conclusions. Credit may be earned in PHL 211 or PHL 211H but not in both. (45-0)

**PHL 211H Introduction to Philosophy - Honors 3 Sem Hrs**  
Prerequisite: READING LEVEL 4 and WRITING LEVEL 2 and permission of the Honors Office. Introduces the logic of philosophical thinking and to important philosophical issues. Covers such topics as proofs for the existence of God, the ultimate nature of reality, what it means to be human, and the nature of ethics. Presents historically important Western and non-Western philosophers and their theories. Allows opportunities to read about, discuss, analyze and write about course topics. Emphasizes understanding the issues, learning the various positions and arguments taken by philosophers, critically questioning those positions and arguments, and finally, reaching and defending personal philosophical conclusions. Provide opportunities to engage in independent intellectual inquiry to foster deeper learning. Credit may be earned in PHL 211 or PHL 211H but not in both. (45-0)

**PHL 213HW Introduction to Ethics - Honors 3 Sem Hrs**  
Prerequisite: READING LEVEL 4 and WRITING LEVEL 2 and permission of the Honors Office. Introduces historically important ethical issues, theories, concepts and philosophers. Teaches the basics of ethical decision-making and how to apply ethical concepts, theories and methods to their own personal ethical conflicts. Allows the opportunity to investigate, write about, and discuss controversial topics such as abortion, capital punishment, euthanasia, assisted suicide, social justice, affirmative action, sexuality, and environmental ethics. Emphasizes understanding and critically questioning the theories, positions and arguments made concerning the course topics, and to reach and defend their own conclusions on those topics. Provides opportunities to engage in independent intellectual inquiry to foster deeper learning. Credit may be earned in PHL 213 or PHL 213HW but not in both. (45-0)

**PHL 213W Introduction to Ethics 3 Sem Hrs**  
Prerequisite: READING LEVEL 2 or WRITING LEVEL 2. Introduces historically important ethical issues, theories, concepts and philosophers. Teaches the basics of ethical decision-making and how to apply ethical concepts, theories and methods to their own personal ethical conflicts. Allows the opportunity to investigate, write about, and discuss controversial topics such as abortion, capital punishment, euthanasia, assisted suicide, social justice, affirmative action, sexuality, and environmental ethics. Emphasizes understanding and critically questioning the theories, positions and arguments made concerning the course topics, and to reach and defend their own conclusions on those topics. Credit may be earned in PHL 213 or PHL 213H but not in both. (45-0)

**PHL 214W Philosophy of Religion 3 Sem Hrs**  
Investigates the rationality of religious beliefs, and the meaning of religious practices, religious language and questions of evidence. Focuses on questions concerning proof of the existence of a deity, the problem of evil, the interpretation of mystical experience, the nature of religious faith and more. (45-0)

**PHL 215W Health Care Ethics 3 Sem Hrs**  
Prerequisites: READING LEVEL 2 or WRITING LEVEL 2. Introduces ethical problems arising within the health care environment. Includes the identification of ethical issues, ethical decision-making using various ethical principles, and the analysis of ethical conflicts. Covers such topics as euthanasia, assisted suicide, Do Not Resuscitate (DNR) orders, definitions of death, allocation of scarce medical resources, informed consent, confidentiality, justice, access to health care and the nature of professionalism in health care. (45-0)

**PHL 221 Critical Thinking and Logic 4 Sem Hrs**  
Development of critical thinking skills through the study of formal and informal logic. Analysis of fallacies, methods of clear argumentation, syllogisms, inductive logic, scientific method and rational decision-making. (60-0)

**PHL 225W Philosophy and Film 3 Sem Hrs**  
Prerequisite: READING LEVEL 2 or WRITING LEVEL 2. Introduces philosophy as an academic discipline, to film as an artistic and intellectual medium, and to the relationship between them. Examines a wide variety of films, and the philosophical themes of the films may include the nature of reality, truth and knowledge, the existence of God, consciousness and identity, ethics, political theory, race and gender, and death. Emphasizes the interpretation, evaluation, and discussion of the philosophical aspects of films. Develops the ability to view film and other visual media with greater sophistication, and to defend personal analyses of film and philosophy, both orally and in writing. (45-0)

**PHL 230 Bioethics for Nursing 2 Sem Hrs**  
Addresses basic ethical concepts, principles, justification, and reasoning. Applies them to ethical issues and cases involving professionalism, confidentiality, veracity, paternalism, informed consent in the context of nursing. (30-0)

**PHL 240HW Social and Political Theory - Honors 3 Sem Hrs**  
Prerequisites: LEVEL 4 READING and LEVEL 2 WRITING and permission of the Honors office. Examines past and present political and social systems from theoretical perspective. Entails comparison and evaluation of major ideologies and philosophies of the relationship of individuals to political and social institutions. Political systems such as socialism, communism, fascism, anarchism and liberalism will be explored. Provides opportunities to engage in independent intellectual inquiry to foster deeper learning. Credit may be earned in one of the following: PHL 240HW or PHL 240W or POL 240. (45-0)

**PHL 240W Social and Political Theory 3 Sem Hrs**  
Examines past and present political and social systems from theoretical perspective. Entails comparison and evaluation of major ideologies and philosophies of the relationship of individuals to political and social institutions. Political systems such as socialism, communism, fascism, anarchism and liberalism explored. Credit may be earned in PHL 240 or POL 240 but not in both. (45-0)

**PHL 250 Philosophy of Science and Technology 3 Sem Hrs**  
Investigates the nature of science as social process and as product; the nature and role of creativity in scientific and technological research; the influence of society and politics on technology and scientific thinking and research; the uses of technology; myths about science and technology; the role of inductive and deductive logic in the scientific process; the nature and conditions of a good test of an hypothesis and theory; the nature of scientific evidence; science as debate in process and as established knowledge. (45-0)

**PHL 255W Philosophy of Art 3 Sem Hrs**  
Prerequisite: READING LEVEL 2 or WRITING LEVEL 2 and at least one previous Art or Philosophy course. Offers a serious philosophical investigation of the nature and value of art and theories about it. Investigates questions surrounding the history and practice of art, criticism, censorship, funding, the obligations of artists to society, the definition of art, and the standards for the evaluation of good and bad art. Develops the ability to apply classic theories to aesthetic issues and to critically assess analyses of art and aesthetics. Stresses the use of critical thinking skills in defense of personal analyses and opinions about art and aesthetic issues, both orally and in writing. (45-0)

**PHL 260HW Philosophy Seminar - Honors 3 Sem Hrs**  
Prerequisite: LEVEL 4 READING and LEVEL 2 WRITING and permission of Honors office. Students must have completed one philosophy course. Intensive examination and critical analysis of a specific philosopher's works or a specific philosophical issue within any branch of philosophy, e.g., ethics, metaphysics, epistemology, social or political philosophy. Designed as a seminar for the advanced student. Provides opportunities to engage in independent intellectual inquiry to foster deeper learning. Credit may be earned in PHL 260 or PHL 260HW but not in both. (45-0)

**PHL 260W Philosophy Seminar 3 Sem Hrs**  
Prerequisite: Students must have completed one philosophy course. Intensive examination and critical analysis of a specific philosopher's works or a specific philosophical issue within any branch of philosophy, e.g., ethics, metaphysics, epistemology, social or political philosophy. Designed as a seminar for the advanced student. Credit may be earned in either PHL 260W or PHL 260HW but not in both. (45-0)

**PHL 290-299 Special Projects in Philosophy Sem Hr**

## Pharmacology

**PHM 285 Pharmacology for Health Care Professionals 3 Sem Hrs**  
Prerequisite: Completion of BIO 152 or BIO 131 and 132 or BIO 240 and 241 with a minimum grade of C. Presents the basic foundation of pharmacology. Offers drug information in group classification format and includes drug indications, action, contraindications, side effects, implications for administration, and related client/family teaching, integrates anatomy and pathophysiology, microbiology and drug administration concepts. Credit may be earned in NUR 285 or PHM 285, but not both. (45-0)

**PHM 290-299 Special Projects in Pharmacology Sem Hr**

## Physics

**PHY 101 Applied Physics 4 Sem Hrs**  
Prerequisite: MATH LEVEL 5. Introduces the basic physical principles involving mechanics, fluids, heat, conservation of energy, electricity, and sound. (60-30)

**PHY 111 General Physics I 4 Sem Hrs**  
Prerequisites: Either trigonometry or both high school physics and MATH LEVEL 6. Examines the basic physical principles involving mechanics, heat, and sound. (60-45)

**PHY 112 General Physics II 4 Sem Hrs**  
Prerequisites: Successful completion of PHY 111, with a minimum grade of "C" (2.0). Introduces basic physical principles involving electricity, magnetism, light, and modern physics. (60-45)

**PHY 211 Physics I 5 Sem Hrs**  
Prerequisites: Successful completion of MTH 161, with a minimum grade of "C" (2.0). High school physics recommended. Examines the basic physical principles involving mechanics, heat, and sound. Meets the needs of Science and Engineering majors. (75-45)

**PHY 212 Physics II 5 Sem Hrs**  
Prerequisites: Successful completion of PHY 211 and MTH 162, with a minimum grade of "C" (2.0) in each. Examines the basic physical principles involving electricity, magnetism, light, and modern physics. Meets the needs of Science and Engineering majors. (75-45)

**PHY 213 Physics of Special Relativity 2 Sem Hrs**  
Prerequisite: MATH LEVEL 6 and "C" (2.0) minimum grade in PHY 111 or PHY 211 or Instructor's permission. Explores the implications of Einstein's Special Theory of Relativity. Includes both relativistic kinematics and dynamics. Discusses concepts of time dilation, length contraction, the famous equation  $E=mc^2$ , and standard problems such as the Twin Paradox. (30-0)

**PHY 290-299 Special Projects in Physics Sem Hr**

## Practical Nursing

**PNE 121LW Fundamentals of Practical Nursing Lab 3 Sem Hrs**

Prerequisite: Current validation for PN Program. Concurrent enrollment in PNE 121. Introduces the Provider of Care role and includes opportunities to practice clinical nursing skills and techniques in the care of adults in selected clinical facilities. Introduces the Member within the Discipline of Nursing role through identification of legal and ethical considerations for the practical nurse. For successful completion, a grade of at least a "C" must be earned in both this course and its concurrent theory course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. (0-135)

**PNE 121W Fundamentals of Nursing 6 Sem Hrs**

Prerequisite: Current validation for PN Program. Concurrent enrollment in PNE 121L. Focuses on the Nursing Process as applied to basic human needs, introduces concepts and theories related to holistic patient care and health education. Includes nutrition, cultural, psychosocial, basic mental health concepts and legal aspects pertaining to practical nursing. This theory course has a concurrent lab course. For successful completion, a grade of at least a "C" must be earned in this course and its concurrent lab course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. (90-0)

**PNE 122LW Care of Adult I Lab 3 Sem Hrs**

Prerequisite: PNE 121 and PNE 121L with a minimum grade of "C" (2.0). Concurrent enrollment in PNE 122. Provides clinical opportunities to apply the roles of Provider of Care and Member within the Discipline of Nursing while providing care for the adult medical/surgical patient. For successful completion, a grade of at least a "C" must be earned in both this course and its concurrent theory course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. (0-135)

**PNE 122W Care of the Adult I 6 Sem Hrs**

Prerequisite: PNE 121 and PNE 121L with a minimum grade of "C" (2.0). Concurrent enrollment in PNE 122L. Includes the study of altered systems: respiratory, endocrine, cardiac, neuro, hematology, immune, gastrointestinal, and renal. Study of concepts related to oncology, team dynamics, fluid and electrolyte balance, communication, teaching learning, nutrition, and pre- and post-operative care. This theory course has a concurrent lab course. For successful completion, a grade of at least a "C" must be earned in this course and its concurrent lab course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either course is not successfully completed. (90-0)

**PNE 123LW Care of Adult II Lab 2 Sem Hrs**  
Prerequisite: PNE 122 and PNE 122L with a minimum grade of "C" (2.0). Focuses on application of the provider of care and member within the discipline of nursing role while providing care for a group of clients and learning group dynamics. This lab course has a concurrent theory course (PNE 123). For successful completion, a grade of at least a "C" must be earned in this course and its concurrent theory course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either component is not successfully completed. (0-90)

**PNE 123W Care of the Adult II 2 Sem Hrs**  
Prerequisite: PNE 122 and PNE 122L with a minimum grade of "C" (2.0). Concurrent enrollment in PNE 123L. Focuses on care of the adult patient experiencing healing alterations related to the following systems: musculoskeletal, eye-ear, skin and reproductive. Requires a concurrent lab course. For successful completion, a grade of at least a "C" must be earned in this course and its concurrent lab course (lab grade will be same as theory grade). A final grade of "F" will be assigned in both theory and lab if either component is not successfully completed. (30-0)

**PNE 125LW Basic Maternal Child Lab 1 Sem Hr**  
Prerequisites: PNE 122 and PNE 122L with a minimum grade of "C" (2.0). Concurrent enrollment in PNE 123, 123L, and 125W is required. Provides clinical and laboratory opportunities that focus on basic family centered maternity care, growth and development, and care of pediatric patients and their families while working as a Provider of Care. For successful completion, a grade of at least a "C" must be earned in this course and its concurrent theory course (lab grade will be the same as theory grade). A final grade of "F" will be assigned in both theory and lab if either component is not successfully completed. Credit may be earned in PNE 125L or PNE 124L, but not both. (0-45)

**PNE 125W Basic Maternal Child 3 Sem Hrs**  
Prerequisite: PNE 122 and PNE 122L with a minimum grade of "C" (2.0). Concurrent enrollment in PNE 123, 123L, and 125LW is required. Focuses on basic family centered maternity care, growth and development, care of pediatric patients and their families, assisting with attaining optimal state of wellness. For successful completion, a grade of at least a "C" must be earned in this course and its concurrent lab course (theory grade will be the same as lab grade). A final grade of "F" will be assigned in both theory and lab if either component is not successfully completed. Credit may be earned in PNE 125 or PNE 124, but not both. (45-0)

**PNE 290-299 Special Projects in Practical Nursing**

## Political Science

**POL 103CW American Government 3 Sem Hrs**  
Introduces the development and maintenance of the U.S. system of government. Surveys the nature of American political institutions, behavior, ideas and their structure. Explores core beliefs and their affect on government participation. Explores the role of citizens in a diverse democracy. Intended to be taken only as part of a Learning Community. Credit may be earned any POL 103 course, any POL 104 course, or any POL 111 course but not in both. (This course satisfies the American Government graduation requirement in all curricula.) (45-0)

**POL 103HW American Government - Honors 3 Sem Hrs**  
Prerequisite: READING LEVEL 4 or 5B and WRITING LEVEL 4 or 4B and permission of the Honors Office. Introduces the development and maintenance of the U.S. system of government. Surveys the nature of American political institutions, behavior, ideas and their structure. Explores core beliefs and their affect on government participation. Explores the role of citizens in a diverse democracy. Credit may be earned in any POL 103 course, any POL 104 course, or any POL 111 course but not in more than one. (This course satisfies the American Government graduation requirement in all curricula.) (45-0)

**POL 103W American Government 3 Sem Hrs**  
Prerequisite: READING LEVEL 2 or WRITING LEVEL 2. Introduces the development and maintenance of the U.S. system of government. Surveys the nature of American political institutions, behavior, ideas and their structure. Explores core beliefs and their affect on government participation. Explores the role of citizens in a diverse democracy. Credit may be earned in any POL 103 course, any POL 104 course, or any POL 111 course but not in more than one. (This course satisfies the American Government graduation requirement in all curricula.) (45-0)

**POL 104CW American Government with Project 4 Sem Hrs**  
Introduces the development and maintenance of the U.S. system of government. Surveys the nature of American political institutions, behavior, ideas and their structure. Explores core beliefs and their affect on government participation. Explores the role of citizens in a diverse democracy. Requires participation in a 15 hour service learning project outside the classroom with a community agency or organization. Intended to be taken only as part of a Learning Community. Credit may be earned in any POL 103 course, any POL 104 course, or any POL 111 course but not in more than one. (This course satisfies the American Government graduation requirement in all curricula.) (45-15)

**POL 104HW American Government with Project - Honors 4 Sem Hrs**  
Prerequisite: READING LEVEL 4 or 5B and WRITING LEVEL 4 or 4B and permission of the Honors Office. Introduces the development and maintenance of the U.S. system of government. Surveys the nature of American political institutions, behavior, ideas and their structure. Explores core beliefs and their effect on government participation. Explores the role of citizens in a diverse democracy. Requires participation in a 15 hour service learning project outside the classroom with a community agency or organization. Credit may be earned in any POL 103 course, any POL 104 course, or any POL 111 course but not in both. (This course satisfies the American Government graduation requirement in all curricula.) (45-15)

**POL 104W American Government with Project 4 Sem Hrs**  
Prerequisite: READING LEVEL 2 or WRITING LEVEL 2. Introduces the development and maintenance of the U.S. system of government. Surveys the nature of American political institutions, behavior, ideas and their structure. Explores core beliefs and their affect on government participation. Explores the role of citizens in a diverse democracy. Requires participation in a 15 hour service learning project outside the classroom with a community agency or organization. Credit may be earned in any POL 103 course, POL 104 course, or POL 111 course, but not in more than one. (This course satisfies the American Government graduation requirement in all curricula.) (45-15)

**POL 212W State and Local Governments 3 Sem Hrs**  
Prerequisite: LEVEL 2 READING or LEVEL 2 WRITING or co-enrollment in ENG 98. Examines the development, structure, organization and problems of the state and local units of government, along with their relation to the federal government. (This course satisfies the American Government graduation requirement in all curricula.) (45-0)

**POL 215W Intro to American Political Thought and Culture 3 Sem Hrs**  
Prerequisite: LEVEL 2 READING or LEVEL 2 WRITING or co-enrollment in ENG 98. Introduces concepts central to American political thought, philosophy, and culture. Explores topics relevant to current political events. (This course satisfies the American Government graduation requirement in all curricula.) (45-0)

**POL 220W Minority Group Politics 3 Sem Hrs**  
Prerequisite: LEVEL 2 READING or LEVEL 2 WRITING or co-enrollment in ENG 098. Examines the dynamics of minority group politics in the American political system. Analyzes the nature, role, techniques, and objectives of ethnic groups in the United States with special emphasis on African-Americans and Hispanics. (This course satisfies the American Government graduation requirement in all curricula.) (45-0)

**POL 221W Comparative Government 3 Sem Hrs**

Prerequisite: LEVEL 2 READING or LEVEL 2 WRITING or co-enrollment in ENG 98. Studies major European and selected non-western political systems. Emphasizes the techniques of comparative analysis and concepts of modernization, political development, and political culture. (This course satisfies the American Government graduation requirement in all curricula.) (45-0)

**POL 222 Politics of the Middle East 3 Sem Hrs**

Examines the internal and external dynamics that shape the politics, economy, and social make-up of Middle Eastern societies. Uses a multidisciplinary approach to explain and evaluate the politics of the region. (45-0)

**POL 223W Judicial Process 3 Sem Hrs**

Prerequisite: LEVEL 2 READING or LEVEL 2 WRITING or co-enrollment in ENG 98. Examines state and federal court systems, including the selection of judges, the roles of primary and secondary appellate courts in civil and criminal cases, lawyers and the organized bar, pressure groups, relations between state and federal courts, as well as the legislative and executive branches, access to courts, and judicial review. Emphasizes judicial policymaking, including constitutional law and civil liberties. (This course satisfies the American government requirement in all curricula.) (45-0)

**POL 225W World Politics 3 Sem Hrs**

Prerequisite: LEVEL 2 READING or LEVEL 2 WRITING or co-enrollment in ENG 98. Examines the nature and structure of world politics. Emphasizes the dynamics of conflict and cooperation, processes of foreign policy decision-making, and analytical approaches used to explain and assess how nations behave. Emphasizes the influence of contemporary issues in world politics on American government and politics. (This course satisfies the American Government graduation requirement in all curricula.) (45-0)

**POL 228W Constitutional Issues 3 Sem Hrs**

Prerequisite: LEVEL 2 READING or LEVEL 2 WRITING or co-enrollment in ENG 98. Examines civil rights/civil liberties based on the Constitution and their interpretation by the U.S. Supreme Court. Assesses controversial issues, including freedom of expression, freedom of religion, abortion, euthanasia, affirmative action, and the rights of persons accused of crime. (This course satisfies the American Government graduation requirement in all curricula.) (45-0)

**POL 229W Political Terrorism 3 Sem Hrs**

Studies state- and non-state sponsored terrorism: definition, origins, purposes, and nature of terrorism; tactics and weapons; objects and audiences; responses of objects and audiences: theory and case studies. (45-0)

**POL 232W Campaigns and Elections 3 Sem Hrs**

Prerequisite: READING LEVEL 2. Examines state and local, congressional, and presidential campaigns. Emphasizes electoral rules; campaign organization and finance; candidate strategy; role of parties, interest groups, and media; campaign effects; and proposals for reform. (45-0)

**POL 241W Contemporary Feminist Thought 3 Sem Hrs**

Provides a theoretical introduction to feminist thought and relates feminist thought to American political thought and American society. (45-0)

**POL 268W International Studies in Political Science 1-4 Sem Hrs**

The student will elect to do either a survey study of the overall political system of a country other than the United States or an in-depth study of one or more aspects of that political system. Overseas study is an integral part of the course. Expenses for travel and overseas study must be borne by the student. (60-0)

**POL 290-299 Special Projects in Political Science**

**Physical Science**

**PSC 101 Physical Science I 4 Sem Hrs**

Physical Science is a general education science lab course in the Physics Discipline. It focuses on some general physics, meteorology, geology, and astronomy concepts. This course is a potpourri of physical science concepts that are taught in a lecture and experimental environment. Recommended for non-science majors, including education majors. (45-30)

**PSC 102 Physical Science II 4 Sem Hrs**

Prerequisite: PSC 101. Investigates fundamental concepts of chemistry and mechanics through a hands-on, applications based approach. Includes such topics as atomic structure, periodic table, bonding, chemical reactions, intermolecular forces, organic chemistry, motion of objects, forces and how they relate to simple machines, mechanical energy, and fluid mechanics. Complements Physical Science I, PSC 101. Recommended for non-science majors, including education majors. (45-30)

**PSC 290-299 Special Projects in Physical Science**

**Psychology**

**PSY 101CW Applied Psychology 3 Sem Hrs**

Introduces basic principles of human relations that may be used in business and industry. Emphasizes understanding motivation and behavior in practical situations; helps in developing an appreciation of our own behavior so that students may work more successfully with supervisors and with peers. Intended to only be taken in a learning community combination. Credit may be earned in PSY 101 or PSY 101C. (45-0)

**PSY 101W Applied Psychology 3 Sem Hrs**

Prerequisites: LEVEL 2 READING or LEVEL 2 WRITING. Introduces basic principles of human relations that may be used in business and industry. Emphasizes understanding motivation and behavior in practical situations; helps in developing an appreciation of our own behavior so that students may work more successfully with supervisors and with peers. (45-0)

**PSY 211CW General Psychology 4 Sem Hrs**

Studies the scientific principles underlying experience and behavior. Examines human behavior in terms of the intrapsychic, behavioral, physiological, and environmental viewpoints. Also examines basic research methods, learning, social factors, developmental changes, physiology, sensation, perception, motivation, intelligence, and personality. Intended to only be taken in a learning community combination. Credit may be earned in only one of PSY 211, PSY 211H, or PSY 211C. (60-0)

**PSY 211HW General Psychology - Honors 4 Sem Hrs**

Prerequisites: LEVEL 4 READING and LEVEL 2 WRITING and permission of the Honors Office. Studies the scientific principles underlying experience and behavior. Examines human behavior in terms of the intrapsychic, behavioral, physiological, and environmental viewpoints. Explores basic research methods, learning, social factors, developmental changes, physiology, sensation, perception, motivation, intelligence, and personality. Provides opportunities to engage in independent intellectual inquiry to foster deeper learning. Credit may be earned in PSY 211 or PSY 211H but not both. (60-0)

**PSY 211W General Psychology 4 Sem Hrs**

Prerequisites: LEVEL 2 READING or LEVEL 2 WRITING. Studies the scientific principles underlying experience and behavior. Examines human behavior in terms of the intrapsychic, behavioral, physiological, and environmental viewpoints. Also examines basic research methods, learning, social factors, developmental changes, physiology, sensation, perception, motivation, intelligence, and personality. Credit may be earned in PSY 211 or PSY 211H but not in both. (60-0)

**PSY 223W Child Psychology 3 Sem Hrs**

Prerequisite: PSY 211 with grade of "C" or better. Provides an in-depth understanding of the emotional, intellectual, social, and physical development in children from conception through adolescence. Considers the effect of heredity, environment, culture, and values on children's behavior, as well as the effect children have on adults' behavior. (45-0)

**PSY 225W Adolescent Psychology 3 Sem Hrs**

Prerequisite: PSY 211. Provides a comprehensive exploration of the dynamic interdependency of physical, social, emotional and cognitive development of adolescents, beginning at the onset of puberty and culminating with a transition into adulthood. Explores the significance of adolescence in the total life span. Examines the influence of family, social, and cultural environments on individual development. Considers the developmental tasks and personal adjustment challenges associated with adolescence. (45-0)

**PSY 230W Psychology of Substance Abuse 3 Sem Hrs**

Prerequisite: PSY 211. Studies the predominant theories developed to explain the origins and the prevalence of substance abuse. Examines social deprivation, addictive personality, X-factor, need state, ignorance, peer pressure, personality defects and socialization theories.

**PSY 231W Theories of Personality 3 Sem Hrs**

Prerequisite: PSY 211. Examines theories of personality development from a psychodynamic, social learning and humanistic perspective. Critiques Individual theories regarding personality development, abnormality, psychotherapy, research, and the concept of humanity. (45-0)

**PSY 235W Adult Development 3 Sem Hrs**

Prerequisites: PSY 211 and PSY 223. Examines human behavior and adaptation in the adult years. Discusses theories of adult development, psychological aspects of normal adulthood, and behavioral disorders due to aging. Emphasizes application of theoretical concepts and research findings. (45-0)

**PSY 241W Abnormal Psychology 3 Sem Hrs**

Prerequisite: PSY 211. An examination of symptoms, and treatment of psychological disorders, including the psychodynamic, behavioral, humanistic, and neuroscience views of abnormal behavior. (45-0)

**PSY 290-299 Special Projects in Psychology Sem Hr****PSY 300W Interviewing, Counseling, and the Helping Relationship 3 Sem Hrs**

Prerequisite: ENG 111 or ENG 111A or ENG 111H with a "C" or better. Establishes beginning social work interviewing and relationship skills as well as awareness of the use of self in the helping relationship. Presents specific interviewing strategies for generalist social work practice. Includes student participation in practice sessions using role plays, videotapes and self awareness exercises. Provides opportunities to practice formal and informal writing. Credit may be earned in PSY 300 or SOC 300 but not in both. (45-0)

**Physical Therapist Assistant****PTA 101 Applied Clinical Anatomy I 2 Sem Hrs**

Prerequisite: Admission to the Physical Therapist Assistant Program. Concurrent enrollment in PTA 101LW, PTA 105, PTA 105LW, PTA 110, PTA 110L, ENG 113, and LW 206A. Provides skeletal anatomy concepts necessary to implement procedures utilized in physical therapy practice. Provides the technical and data collection knowledge necessary to assist a physical therapist with goniometry. Prepares the student to perform physical therapy intervention as part of a physical therapist's plan of care, under the direction and supervision of the physical therapist. (30-0)

**PTA 101LW Applied Clinical Anatomy I Lab 1 Sem Hr**

Prerequisite: Admission to the Physical Therapist Assistant Program. Concurrent enrollment in PTA 101, PTA 105, PTA 105LW, PTA 110, PTA 110L, ENG113, and LW206A. Provides the skills necessary for palpation of bony landmarks. Prepares the student to perform PROM and goniometric measurements. Prepares the student to perform physical therapy intervention as part of a physical therapist's plan of care, under the direction and supervision of the physical therapist. (0-45)

**PTA 102 Clinical Neuroanatomy 2 Sem Hrs**

Prerequisite: PTA 101, PTA 101LW, PTA 105, PTA 105LW, PTA 110, PTA 110L, ENG 113, and LW 206A, with a "C" (2.0) minimum grade. Concurrent enrollment in PTA 120, PTA 120L, PTA 123W, PTA 123LW, PTA 124, PTA 125, PTA 125LW, and LWA 206B. Provides the neuroanatomy concepts necessary to implement procedures utilized in physical therapy practice. Prepares the student to perform physical therapy intervention as part of a physical therapist's plan of care, under the direction and supervision of the physical therapist. (30-0)

**PTA 105 Physical Agents I 2 Sem Hrs**

Prerequisite: Admission to the Physical Therapist Assistant program. Concurrent enrollment in PTA 101, PTA 101LW, PTA 105LW, PTA 110, PTA 110L, ENG113, and LW 206A. Provides the theory and principles of modalities including, but not limited to, hydrotherapy, therapeutic massage, thermal agents, ultrasound, traction, intermittent compression, and cryotherapy. Prepares the student to perform physical therapy intervention as part of a physical therapist's plan of care, under the direction and supervision of the physical therapist. (30-0)

**PTA 105LW Physical Agents I Lab 2 Sem Hrs**

Prerequisite: Admission to the Physical Therapist Assistant program. Concurrent enrollment in PTA 101, PTA 101LW, PTA 105, PTA 110, PTA 110L, ENG 113, and LW 206A. Provides the technical skills to perform modalities including, but not limited to, hydrotherapy, therapeutic massage, thermal agents, ultrasound, traction, intermittent compression, and cryotherapy. Prepares the student to perform physical therapy intervention as part of a physical therapist's plan of care, under the direction and supervision of the physical therapist. (0-75)

**PTA 110 Fundamentals of Patient Mobility 2 Sem Hrs**

Prerequisite: Admission to the PTA program. Concurrent enrollment in PTA 101, PTA 101LW, PTA 105, PTA 105LW, PTA 110L, ENG 113, and LW 206A. Introduces basic principles of patient mobility. Focuses on the analysis of gait, gait training, use of assistive devices, patient transfers, postural assessment, balance and flexibility. (30-0)

**PTA 110L Fundamentals of Patient Mobility Lab 1 Sem Hr**

Prerequisite: Admission to the PTA program. Concurrent enrollment in PTA 101, PTA 101LW, PTA 105, PTA 105LW, PTA 110, ENG 113, and LW 206A. Prepares student to perform and instruct basic therapeutic exercise, activities of daily living, kinematic gait analysis, gross postural assessment, transfer techniques, and gait training with assistive devices. Prepares the student to perform physical therapy intervention as part of a physical therapist's plan of care, under the direction and supervision of the physical therapist. (0-45)

**PTA 120 Orthopedic Rehabilitation 2 Sem Hrs**

Prerequisites: PTA 101, PTA 101LW, PTA 105, PTA 105LW, PTA 110, PTA 110L, ENG 113, and LW 206A with a "C" (2.0) minimum grade in each. Concurrent enrollment in PTA 102, PTA 120L, PTA 123W, PTA 123LW, PTA 124, PTA 125, PTA 125LW, and LWA 206B. Introduces common orthopedic injuries and disabilities that affect adults and children. Provides entry-level principles and rationale needed to administer rehabilitation exercise programs for orthopedic conditions. Prepares the student to perform physical therapy intervention as part of a physical therapist's plan of care, under the direction and supervision of the physical therapist. (30-0)

**PTA 120L Orthopedic Rehabilitation Lab 1 Sem Hr**

Prerequisites: PTA 101, PTA 101LW, PTA 105, PTA 105LW, PTA 110, PTA 110L, ENG 113, and LW 206A with a "C" (2.0) minimum grade. Concurrent enrollment in PTA 102, PTA 120, PTA 123W, PTA 123LW, PTA 124, PTA 125, PTA 125LW, and LWA 206B. Provides entry-level technical skills needed to administer rehabilitation exercise programs for orthopedic conditions. Prepares the student to perform physical therapy intervention as part of a physical therapist's plan of care, under the direction and supervision of the physical therapist. (0-45)

**PTA 121 Human Growth and Development 3 Sem Hrs**

Prerequisite: PTA 101, PTA 101LW, PTA 105, PTA 105LW, PTA 110, PTA 110L, ENG 113, and LW 206A, with a "C" (2.0) minimum grade. Provides theory in and observation of normal and abnormal physical development from birth through aging. Prepares the student to perform physical therapy intervention as part of a physical therapist's plan of care, under the direction and supervision of the physical therapist. (45-0)

**PTA 123LW Clinical Medicine Lab .5 Sem Hr**

Prerequisites: PTA 101, PTA 101LW, PTA 105, PTA 105LW, PTA 110, PTA 110L, ENG 113, and LW 206A with a "C" (2.0) minimum grade. Concurrent enrollment in PTA 102, PTA 120, PTA 120L, PTA 123W, PTA 124, PTA 125, PTA 125LW, and LWA 206B. Exposes the student to health care practices performed in the acute care environment. Prepares the student to perform physical therapy intervention as part of a physical therapist's plan of care, under the direction of the physical therapist. (0-15)

**PTA 123W Clinical Medicine 2.5 Sem Hrs**

Prerequisite: PTA 101, PTA 101LW, PTA 105, PTA 105LW, PTA 110, PTA 110L, ENG 113, and LW 206A with a "C" (2.0) minimum grade in each. Concurrent enrollment in PTA 102, PTA 120, PTA 120L, PTA 123LW, PTA 124, PTA 125, PTA 125LW, and LWA 206B. Introduces acute and chronic pathological conditions resulting from disease or injury that are commonly treated in physical therapy. Prepares the student to perform physical therapy intervention as part of a physical therapist's plan of care, under the direction of the physical therapist. (45-0)

**PTA 124 PTA Clinic I 2 Sem Hrs**

Prerequisite: PTA 101, PTA 101LW, PTA 105, PTA 105LW, PTA 110, PTA 110L, ENG 113, and LW 206A each with a "C" (2.0) minimum grade. Concurrent enrollment in PTA 102, PTA 120, PTA 120L, PTA 123W, PTA 123LW, PTA 125, PTA 125LW, and LWA 206B. Structures clinical experience to provide the opportunity to observe and assist with physical therapy procedures. Prepares the student to perform physical therapy intervention as part of a physical therapist's plan of care, under the direction and supervision of the physical therapist. (0-80)

**PTA 125 Applied Clinical Anatomy II 1 Sem Hr**

Prerequisite: PTA 101, PTA 101LW, PTA 105, PTA 105LW, PTA 110, PTA 110L, ENG 113, and LW 206A with a "C" (2.0) minimum grade. Concurrent enrollment in PTA 102, PTA 120, PTA 120L, PTA 123W, PTA 123LW, PTA 124, PTA 125LW, and LWA 206B. Provides the technical and data collection knowledge necessary to assist a physical therapist with goniometry and muscle testing. Prepares the student to perform physical therapy intervention as part of a physical therapist's plan of care, under the direction and supervision of the physical therapist. (15-0)

**PTA 125LW Applied Clinical Anatomy II Lab 1 Sem Hr**

Prerequisite: PTA 101, PTA 101LW, PTA 105, PTA 105LW, PTA 110, PTA 110L, ENG 113, and LW 206A with a "C" (2.0) minimum grade. Concurrent enrollment in PTA 102, PTA 120, PTA 120L, PTA 123W, PTA 123LW, PTA 124, PTA 125, and LWA 206B. Provides the technical and data collection skills necessary to assist a physical therapist with goniometry and muscle testing. Prepares the student to perform physical therapy intervention as part of a physical therapist's plan of care, under the direction and supervision of the physical therapist. (0-45)

**PTA 205 Physical Agents II .5 Sem Hr**

Prerequisites: PTA 102, PTA 120, PTA 120L, PTA 121, PTA 123W, PTA 123LW, PTA 124, PTA 125, PTA 125LW, ENG 113, and LWA 206B, with a "C" (2.0) minimum grade. Concurrent enrollment in PTA 205L PTA 210, PTA 210LW, PTA 213, PTA 213L, PTA 214W, and LWA 206C. Provides the theory and principles necessary to understand electrical stimulation and other advanced modalities. Prepares the student to provide physical therapy intervention as part of a physical therapist's plan of care, under the direction and supervision of the physical therapist. (12-0)

**PTA 205L Physical Agents II Lab .5 Sem Hr**

Prerequisite: PTA 102, PTA 120, PTA 120L, PTA 123W, PTA 123LW, PTA 124, PTA 125, PTA 125LW, and LWA 206B, with a "C" (2.0) minimum grade. Concurrent enrollment in PTA 205, PTA 210, PTA 210LW, PTA 213, PTA 213L, PTA 214W, and LWA 206C. Provides the technical skills necessary to perform electrical stimulation and other advanced modalities. Prepares the student to perform physical therapy intervention as part of a physical therapist's plan of care, under the direction and supervision of the physical therapist. (0-24)

**PTA 209 Fundamentals of Pediatric Rehabilitation .5 Sem Hr**

Prerequisites: PTA 102, PTA 120, PTA 120L, PTA 123, PTA 123L, PTA 124, PTA 124, PTA 125, and PTA 125L with a "C" (2.0) minimum grade. Concurrent enrollment in PTA 209L. Introduces students to various aspects of pediatric rehabilitation techniques for orthopedic and neurological disorders. Assesses abnormal behavior and discusses treatment techniques to enhance motor functions. Covers required documentation, legislative issues, and current topics related to providing physical therapy services for children. Prepares the student to perform physical therapy intervention as part of a physical therapist's plan of care, under the direction and supervision of the physical therapist. (10-0)

**PTA 209L Fundamentals of Pediatric Rehabilitation Lab .5 Sem Hr**

Prerequisite: Prerequisites: PTA 102, PTA 120, PTA 120L, PTA 123, PTA 123L, PTA 124, PTA 124, PTA 125, and PTA 125L with a "C" (2.0) minimum grade. Concurrent enrollment in PTA 209. Prepares students to perform pediatric rehabilitation techniques for orthopedic and neurological disorders. Improves independence and function of the child by assessing equipment needs, utilizing adaptive devices, specific positioning techniques, and utilizing treatment techniques to enhance motor functions. Prepares the student to perform physical therapy intervention as part of a physical therapist's plan of care, under the direction and supervision of the physical therapist. (0-10)

**PTA 210 Neuro-Rehabilitation Techniques 2 Sem Hrs**

Prerequisites: PTA 102, PTA 120, PTA 120L, PTA 121, PTA 123W, PTA 123LW, PTA 124, PTA 125, PTA 125LW, and LWA 206B, with a "C" (2.0) minimum grade. Concurrent enrollment in PTA 205, PTA 205L, PTA 210LW, PTA 213, PTA 213L, PTA 214W, and LWA 206C. Studies the advanced theory and treatment of patients with diagnosis of stroke, spinal cord injury, traumatic brain injury, as well as the treatments of sensor motor facilitation and inhibition techniques. Prepares the student to perform physical therapy intervention as part of a physical therapist's plan of care, under the direction and supervision of the physical therapist. (30-0)

**PTA 210LW Neuro-Rehabilitation Techniques Lab 1 Sem Hr**

Prerequisites: PTA 102, PTA 120, PTA 120L, PTA 121, PTA 123W, PTA 123LW, PTA 124, PTA 125, PTA 125LW, and LWA 206B, with a "C" (2.0) minimum grade. Concurrent enrollment in PTA 205, PTA 205L, PTA 210, PTA 213, PTA 213L, PTA 214W, and LWA 206C. Prepares student to utilize and perform treatment techniques for patients diagnosed with stroke, spinal cord injury, and traumatic brain injury. Prepares students to perform sensory motor facilitation and inhibition techniques. (0-60)

**PTA 213 Orthotics and Prosthetics .5 Sem Hr**

Prerequisites: PTA 102, PTA 120, PTA 120L, PTA 121, PTA 123W, PTA 123LW, PTA 124, PTA 125, PTA 125LW, and LWA 206B, with a "C" (2.0) minimum grade. Concurrent enrollment in PTA 205, PTA 205L, PTA 210, PTA 210LW, PTA 213L, PTA 214W, and LWA 206C. Promotes understanding of orthotic and prosthetic technologies. Studies appropriate use of these technologies. Prepares the student to perform physical therapy intervention as part of a physical therapist's plan of care, under the direction and supervision of the physical therapist. (12-0)

**PTA 213L Orthotics and Prosthetics Lab .5 Sem Hr**

Prerequisite: PTA 102, PTA 120, PTA 120L, PTA 121, PTA 123W, PTA 123LW, PTA 124, PTA 125, PTA 125LW, and LWA 206B, with a "C" (2.0) minimum grade. Concurrent enrollment in PTA 205, PTA 205L, PTA 210, PTA 210LW, PTA 213, PTA 214W, and LWA 206C. Prepares student to utilize orthotics and prosthetics, as well as to instruct patients to use this equipment. Prepares the student to perform physical therapy intervention as part of a physical therapist's plan of care, under the direction and supervision of the physical therapist. (0-15)

**PTA 214W PTA Clinic 2 3 Sem Hrs**

Prerequisite: PTA 102, PTA 120, PTA 120L, PTA 121, PTA 123W, PTA 123LW, PTA 124, PTA 125, PTA 125LW, and LWA 206B, with a "C" (2.0) minimum grade. Concurrent enrollment in PTA 205, PTA 205L, PTA 210, PTA 210LW, PTA 213, PTA 213L, and LWA 206C. Structures clinical experience to provide the opportunity to observe and assist physical therapy procedures. Prepares the student to perform physical therapy intervention as part of a physical therapist's plan of care, under the direction and supervision of the physical therapist. (0-160)

**PTA 216W Introduction to Evidence Based Practice 1 Sem Hr**

Prerequisites: PTA 102, PTA 120, PTA 120L, PTA 123, PTA 123L, PTA 124, PTA 125, PTA 125L. Corequisites: PTA 205, PTA 205L, PTA 210, PTA 210L, PTA 213, PTA 213L, PTA 214. Introduces the use of Evidence Based Practice (EBP) in Physical Therapy. Focuses on defining EBP, designing clinical questions and searching common physical therapy research databases to support clinical decision making in the treatment of patients. Presents and utilizes basic research designs. Includes practical application of a clinical situation. (15-0)

**PTA 221 Clinical Seminar 2 Sem Hrs**

Prerequisite: PTA 205, PTA 205L, PTA 209, PTA 209L, PTA 210, PTA 210LW, PTA 213, PTA 213L, PTA 214W, and LWA 206C with a "C" (2.0) minimum grade. Concurrent enrollment in PTA 224. Studies professional, ethical, legal, and diversity issues related to clinical practice. Analyzes continuity and change in the health care system. Prepares the student to perform physical therapy intervention as part of a physical therapist's plan of care, under the direction and supervision of the physical therapist. (30-0)

**PTA 224W PTA Clinic 3 9 Sem Hrs**

Prerequisite: PTA 205, PTA 205L, PTA 209, PTA 209L, PTA 210, PTA 210LW, PTA 213, PTA 213L, PTA 214W, and LWA 206C with a "C" (2.0) minimum grade. Concurrent enrollment in PTA 221. Structures clinical experience to provide opportunity for integration and refinement of the knowledge and skills necessary for entry level employment. (0-480)

**PTA 290-299 Special Projects in Physical Therapy Assisting****Quality Assurance****QA 110 Quality Problem Solving Tools 1 Sem Hr**

Develops basic skills in the use of charts and graphs as tools used in solving problems in a Quality Management organization. Demonstrates twenty-six tools such as Pareto chart, flow charts, cause/effect diagrams, control charts, etc. (15-0)

**QA 120 Quality & Productivity Management 2 Sem Hrs**

Personnel in management and supervisory positions will demonstrate the skills and insight needed to manage effectively in a quality-conscious work environment. This is done through the study of the philosophies of Deming, Juran, Crosby, Shainin, Taguchi, and with statistical problem solving techniques. (30-0)

**QA 122 ISO 9000/QS 9000 Standards 1 Sem Hr**

Provides overview of the International Quality System standard, ISO 9000, and the Automotive Quality System Standard based on QS 9000. Covers the history of the standards, their elements and requirements, the levels of documentation needed to prove compliance and steps a company must take to implement standards with the registration process. (15-0)

**QA 124 Quality Systems I 3 Sem Hrs**

Prerequisite QA 120 or permission of instructor. Personnel in management and supervisory positions will demonstrate the skills to effectively plan and implement a quality system and show its relationship to other functions in an organization. This is done through the study of the Quality Function and its applications applied to service, business and industry. (45-0)

**QA 125 Quality System Design 3 Sem Hrs**

Introduces quality assurance methods used by manufacturing and service industries. Examines the concept of a system and identifies techniques used to reduce variation and optimize the system so it produces its intended outcome. Includes quality philosophy, statistical methods for process improvement, variation reduction methods, statistical process control and problem-solving, processes capabilities and data acquisition. (45-0)

**QA 126 Quality Systems II 3 Sem Hrs**

Prerequisite: QA 120. Demonstrates the skills to interface internal quality systems with external quality systems. Emphasizes applications for service, business and industry. (45-0)

**QA 130 Audit Preparation 1 Sem Hr**

Prerequisite: QA 120. Explores how to prepare for non-financial audits with managers and supervisors. Focuses on audit function, understanding requirements, and the documentation to meet those requirements. Defines ISO-9000 and other assessment criteria. Explores applications for service, business and industry. (15-0)

**QA 131 Quality Auditing 2 Sem Hrs**

Explores, with managers and supervisors, the preparation for and performance of non-financial audits. Focuses on selecting audit team, planning, conducting, and summarizing the audit data and issuing a written report on the audit results. Defines auditing functions, both internal and external. Explores applications for service, business and industry. (30-0)

**QA 140 Measurement Systems 3 Sem Hrs**

Introduces skill development in measurement analysis and measurement systems management. Emphasizes industrial measurement issues involving mechanical gauging and inspection instruments. Determines gauge and dimensional relationships along with describing the various types of industrial gauges and their usage. Explores gauge management issues and ISO 9000 requirements. Credit may be earned in either QA 140 or SKQA 140 but not in both. (45-0)

**QA 191 Quality Teamwork 1 Sem Hr**  
Builds the student's ability to respond to the needs of groups as a team member and a team leader. Studies team structures, roles of team members, and tools used in facilitating teams that contribute to organizational quality. Provides opportunities to model effective team operations. Credit may be earned in only one of the following: QA 191, GB 191, or MGT 191. (15-0)

**QA 244 Statistical Process Control 3 Sem Hrs**  
Prerequisite: MTH 208 Develops skill in the use of control charts to monitor processes. Selects proper control chart, constructs the control chart from process data, and analyzes it for statistical stability. Includes both attribute and variable data control charts to determine process capability. (45-0)

**QA 290-299 Special Projects in Quality Assurance**

## Radiography

**RAD 100 Basic Science of Medical Imaging 2 Sem Hrs**  
Prerequisites: Admission to Radiography program. Concurrent enrollment in RAD 104W, RAD 105, RAD 108, RAD 110, and LW 206A. Presents the basic operations of generating equipment including electrodynamics, electromagnetism, rectification, and circuitry related to the production of x-radiation. Credit may be earned in RAD 232 or RAD 100 but not both. (30-0)

**RAD 104W Introduction to Medical Imaging 2 Sem Hrs**  
Prerequisite: Admission to the Radiography Program. Concurrent enrollment in RAD 100, RAD 105, RAD 108, RAD 110, and LW 206A. Provides an introduction to medical imaging and its role in patient diagnosis and care and basic imaging concepts, systems, and techniques. Includes the structure and operation of health care organizations and health care distribution. Emphasizes professional, legal, and ethical issues related to diagnostic imaging. (30-0)

**RAD 105 Fundamentals of Radiography 3 Sem Hrs**  
Prerequisite: Admission to the Radiography Program. Concurrent enrollment in RAD 100, RAD 104W, RAD 108, RAD 110, and LW 206A. Provides the fundamental theory and skills related to the production of x-radiation. Emphasizes the basic components of radiographic equipment, the characteristics of radiation, and imaging formation. Includes methods of control of radiation and image recording systems. (24-21)

**RAD 108 Patient Care and Management 2 Sem Hrs**  
Prerequisite: Admission to Radiography Program. Concurrent enrollment in RAD 100, RAD 104W, RAD 105, RAD 110, and LW 206A. Develops knowledge and skills in basic concepts of patient care. Includes emergency care procedures, infection control, patient safety and transfers, communication, and patient education. (30-0)

**RAD 110 Principles of Radiographic Exposure 2 Sem Hrs**  
Prerequisite: Admission to Radiography Program. Concurrent enrollment in RAD 100, RAD 104W, RAD 105, RAD 108, and LW 206A. Provides the theory and skills necessary to analyze the diagnostic quality of a radiograph and effectively manipulate exposure variables to produce a diagnostic radiograph. (15-23)

**RAD 120W Principles of Radiation Biology and Protection 2 Sem Hrs**  
Prerequisite: RAD 100, RAD 104, RAD 105, RAD 108, RAD 110, and LW 206A, each with a minimum grade of "C" (2.0). Concurrent enrollment in RAD 130, RAD 135, RAD 140, LWA 206B, and LWA 206C. Examines biological effects of radiation on cells, organs, and systems. Emphasizes methods of practice including radiation exposure standards and radiation monitoring. (30-0)

**RAD 130 Radiographic Procedures 1 2 Sem Hrs**  
Prerequisite: RAD 100, RAD 104, RAD 105, RAD 108, RAD 110, and LW 206A, each with a "C" (2.0) minimum grade. Concurrent enrollment in RAD 120, RAD 135, RAD 140, LWA 206B, and LWA 206C. Introduces the basic terminology of radiographic positioning. Provides the knowledge and skill necessary to perform radiographic procedures of the chest, upper and lower limbs. Includes the study of pathology affecting the chest and limbs. (15-23)

**RAD 135 Clinical Education 1 6 Sem Hrs**  
Prerequisites: RAD 100, RAD 104W, RAD 105, RAD 108, RAD 110, and LW 206A, each with a "C" (2.0) minimum grade. Concurrent enrollment in RAD 120W, RAD 130, RAD 140W, LWA 206B, and LWA 206C. Provides structured clinical experience necessary to perform radiographic procedures of the chest, and upper and lower limbs. (0-285)

**RAD 140W Clinical Seminar 1 1 Sem Hr**  
Prerequisites: RAD 100, RAD 104W, RAD 105, RAD 108, RAD 110, and LW 206A, each with a "C" (2.0) minimum grade. Concurrent enrollment in RAD 120W, RAD 130, RAD 135, LWA 206B, and LWA 206C. Provides a clinical overview of radiographic procedures of the chest and upper and lower limbs. Emphasizes the correlation of all aspects of a radiographic procedure. (15-0)

**RAD 150 Radiographic Procedures 2 2 Sem Hrs**  
Prerequisites: RAD 120W, RAD 130, RAD 135, RAD 140W, LWA 206B, and LWA 206C each with a "C" (2.0) minimum grade. Concurrent enrollment in RAD 160 and RAD 165W. Continues radiographic positioning and provides the knowledge and skill necessary to perform radiographic procedures of the abdomen and gastrointestinal, biliary, and urinary systems. Includes image intensification and tomography. Demonstrates the knowledge and skills necessary to perform venipuncture. (15-23)

**RAD 160 Clinical Education 2 7 Sem Hrs**  
Prerequisite: RAD 120W, RAD 130, RAD 135, RAD 140W, LWA 206B, and LWA 206C each with a "C" (2.0) minimum grade. Concurrent enrollment in RAD 150 and RAD 165W. Provides structured clinical experience necessary to perform radiographic procedures of the abdomen and biliary, gastrointestinal, and urinary systems. Requires weekend and evening assignments. (0-395)

**RAD 165W Clinical Seminar 2 1 Sem Hr**  
Prerequisites: RAD 120W, RAD 130, RAD 135, RAD 140W, LWA 206B, and LWA 206C each with a "C" (2.0) minimum grade. Concurrent enrollment in RAD 150 and RAD 160. Provides a clinical overview of radiographic procedures of the abdomen and gastrointestinal, biliary, and urinary systems. Emphasizes the correlation of all aspects of a radiographic procedure. (15-0)

**RAD 205W Pharmacology In Imaging 1 Sem Hr**  
Prerequisites: RAD 150, RAD 160, and RAD 165 each with a "C" (2.0) minimum grade. Concurrent enrollment in RAD 210, RAD 212, RAD 215, RAD 220, and RAD 225. Presents the basic principles of pharmacology in imaging. Includes the basic techniques of venipuncture and the administration of diagnostic contrast agents and intravenous medications. (15-0)

**RAD 210W Pathology in Radiography 1 Sem Hr**  
Prerequisites: RAD 150, RAD 160, and RAD 165, each with a "C" (2.0) minimum grade. Concurrent enrollment in RAD 205, RAD 212, RAD 215, RAD 220, and RAD 225. Provides an overview of the pathological processes that occur as a consequence of aging, disease, heredity, or trauma including signs, symptoms, and clinical manifestations. (15-0)

**RAD 212 Advanced Imaging Equipment 1 Sem Hr**  
Prerequisites: RAD 150, RAD 160, and RAD 165 each with a "C" (2.0) minimum grade. Concurrent enrollment in RAD 205, RAD 210, RAD 215, RAD 220, and RAD 225. Must successfully complete RAD 205W with a "C" (2.0) minimum grade. Presents the basic principles of operation of CT, MRI, PET, Ultrasound, Nuclear Medicine, Fluoroscopy, Mammography, Tomography, Radiation Therapy, Bone Densitometry, Angiography and Subtraction/Duplication equipment. (15-0)

**RAD 215 Radiographic Procedures 3 2 Sem Hrs**

Prerequisite: RAD 150, RAD 160, and RAD 165, each with a "C" (2.0) minimum grade. Concurrent enrollment in RAD 205, RAD 210, RAD 212, RAD 220, and RAD 225. Continues radiographic positioning. Provides the knowledge and skill necessary to perform radiographic procedures of the shoulder girdle, bony thorax, cervical spine, thoracic spine, lumbar spine, pelvis and hips. Includes pathologic and traumatic conditions affecting the bony thorax, spine, and hips. (15-23)

**RAD 220 Clinical Education 3 7 Sem Hrs**

Prerequisites: RAD 150, RAD 160 and RAD 165 each with a "C" (2.0) minimum grade. Concurrent enrollment in RAD 205, RAD 210, RAD 212, RAD 215, and RAD 225. Provides structured clinical experience necessary to perform radiographic procedures of the shoulder girdle, bony thorax, cervical spine, thoracic spine, lumbar spine, pelvis, and hips. May require weekend and evening assignments. (0-395)

**RAD 225W Clinical Seminar 3 1 Sem Hr**

Prerequisites: RAD 150, RAD 160, and RAD 165 each with a "C" (2.0) minimum grade. Concurrent enrollment in RAD 205, RAD 210, RAD 212, RAD 215, and RAD 220. Provides a clinical overview of radiographic procedures of the shoulder girdle, bony thorax, cervical spine, thoracic spine, lumbar spine, pelvis, and hips. Emphasizes the correlation of all aspects of a radiographic procedure. (15-0)

**RAD 230 Quality Improvement in Imaging 1 Sem Hr**

Prerequisite: RAD 205, RAD 210, RAD 212, RAD 215, RAD 220, and RAD 225 each with a "C" (2.0) minimum grade. Concurrent enrollment in RAD 235, RAD 245 and RAD 258. Introduces the principles of continuous quality improvement in radiology. Includes risk management, problem identification and analysis and quality assurance of the imaging systems (15-0)

**RAD 235 Radiographic Procedures 4 2 Sem Hrs**

Prerequisite: RAD 205, RAD 210, RAD 212, RAD 215, RAD 220, and RAD 225 each with a "C" (2.0) minimum grade. Concurrent enrollment in RAD 230, RAD 245, and RAD 258. Continues radiographic positioning. Provides the knowledge and skill necessary to perform radiographic procedures of the skull and facial cranium. Includes the study of pathology affecting the skull. (15-23)

**RAD 245 Clinical Education 4 7 Sem Hrs**

Prerequisite: RAD 205, RAD 210, RAD 212, RAD 215, RAD 220, and RAD 225 each with a "C" (2.0) minimum grade. Concurrent enrollment in RAD 230, RAD 235, and RAD 258. Provides structured clinical experience necessary to perform radiographic procedures of the skull and facial cranium. Requires weekend and evening assignments. (0-395)

**RAD 258W Radiography Capstone Seminar 2 Sem Hrs**

Prerequisites: RAD 205, RAD 210, RAD 212, RAD 215, RAD 220, and RAD 225. Concurrent enrollment in RAD 230, RAD 235, and RAD 245. Provides strategies and opportunities to enhance the likelihood of success on the national ARRT registry examination. Credit may be earned in RAD 258 or RAD 250 but not in both. (30-0)

**RAD 264 Cross Sectional Imaging 1 Sem Hr**

RAD 205, RAD 210, RAD 212, RAD 215, RAD 220, and RAD 225 each with a "C" (2.0) minimum grade. Concurrent enrollment in RAD 230, RAD 235, RAD 245, and RAD 258. Introduces sectional anatomy as imaged in modalities such as Computed Tomography, Magnetic Resonance Imaging (MRI), and Positron Emission Tomography (PET). (15-0)

**RAD 290-299 Special Projects in Radiography Sem Hr****Residential Construction****RC 101 Construction Print Interpretation 3 Sem Hrs**

Instruction in this course includes trade terminology and description of the various views of working drawings, pictorial drawings, and the basic procedures in development of these drawings. Also included is the interpretation of specifications and job information as they pertain to construction and layout. Credit may be earned in either RC 101 or SKCT 111 but not both. (45-0)

**RC 104 Construction Lab 3 Sem Hrs**

Studies the care and use of woodworking tools. Includes tool terminology, purpose and uses of various tools and the functional principles of woodworking hand tools, including those which are power or pneumatically driven. (15-60)

**RC 106 Concrete and Foundations 3 Sem Hrs**

Prerequisite: ARC 101. Studies practical methods and procedures of preparing and setting concrete forms for such areas as basement floors, garage floors, driveways, sidewalks, patios, etc. (45-15)

**RC 108 Construction Safety 2 Sem Hrs**

Studies Occupational Safety and Health Administration (OSHA) safety and health standards required of residential builders. Includes training in first aid and cardio pulmonary resuscitation (CPR) to treat on-the-job injuries. Students will produce a MIOSHA approved safety program. (30-0)

**RC 114 Framing Square 4 Sem Hrs**

Uses the framing square and speed square in construction. Credit may be earned in either RC 114 or SKCT 114 but not both. (60-0)

**RC 200W Construction Contracting Rules and Regulations 3 Sem Hrs**

Prerequisite: A "C" grade or better in a college level composition I course. Introduces contracting laws, rules, and regulations as they apply to residential builders. Covers builder's law, builder's license, insurance, deeds and abstracts, loans and land development. (45-0)

**RC 201 Rough and Outside Framing 4 Sem Hrs**

Prerequisite: RC 104. Provides instruction in the techniques of construction used in all phases of framing and exterior finishing. Credit may be earned in either RC 201 or SKCT 201 but not in both. (30-60)

**RC 203 Residential CAD 3 Sem Hrs**

Introduces residential design using a 3-D drawing program. Moves from basic plan replication to the designing, drawing, and plotting of a set of construction drawings. (15-60)

**RC 204 Inside Finishing and Hardware 4 Sem Hrs**

Prerequisites: RC 104, RC 114, and RC 201. Includes principles of interior construction, joinery and installation, and finishing of all types of interior trim. (45-45)

**RC 205 Cabinet Making and Millwork 5 Sem Hrs**

Prerequisite: RC 104. Studies the construction, placement, and installation procedures of cabinets used in residential buildings. (45-60)

**RC 206 Plumbing, Heating, and Electrical Equipment 3 Sem Hrs**

Designed to study equipment installation as it pertains to construction and carpentry. Credit may be earned in RC 206 or ARC 111 but not in both. (45-0)

**RC 290-299 Special Projects in Residential Construction**

## Refrigeration, Heating & Air Conditioning

**RHA 121 Fundamentals of Refrigeration & A/C 3 Sem Hrs**  
Examines the physical, gas, and chemical laws of refrigeration. Develops an understanding of the theory of heat, temperatures, pressures of gases and thermodynamics. Analyzes basic refrigeration cycle and components such as vacuum pumps, gauges, and (PT) Pressure Temperature Charts. Develops an understanding of units on safety and EPA Refrigerant Certification. Credit may be earned in RHA 121 or SKPT 121 but not in both. (35-10)

**RHA 122 Refrigeration & A/C Service I 3 Sem Hrs**  
Prerequisites: RHA 121. Focuses on concepts of common types of domestic refrigerators, dehumidifiers, and portable air conditioners. Develops an understanding of special references involving the essentials of construction of complete refrigeration systems. Presents theory and principles underlying repairing refrigeration appliances and practical shop work through classroom demonstrations and lab experiments. Credit may be earned in either RHA 122 or SKPT 122 but not in both. (35-10)

**RHA 123 Commercial Refrigeration Flow Controls I 3 Sem Hrs**  
Prerequisite: RHA 122. Develops an understanding of basic skills necessary for servicing of commercial units such as walk-in coolers, reach-ins, display cases, and commercial icemakers. Analyzes refrigeration flow-control components, system components, and piping practices. Credit may be earned in either RHA 123 or SKPT 123 but not in both. (35-10)

**RHA 124 Refrigeration & A/C Service II 3 Sem Hrs**  
Prerequisite: RHA 122. Develops an understanding of operational skills in trouble shooting domestic refrigeration and air conditioning systems. Focuses on electrical components and system parts in frost-free, conventional and cyclematic units, and portable air conditioning units. Credit may be earned in either RHA 124 or SKPT 124 but not in both. (35-10)

**RHA 126 Refrigerant Piping & Practices 3 Sem Hrs**  
Provides instruction in proper methods of brazing joint design using oxyacetylene torches. Develops skills to correctly size, lay out, and install tubing and piping in refrigeration and heating systems. Covers flow capacities of tubing and piping. Examines techniques to cut pipe threads, use pipe fittings, form swag and flare joints, work with plastic vent pipe and plastic drainpipe, work with high temperature solders and fluxes and learn about fastening devices. (35-10)

**RHA 135 Heating System Fundamentals 3 Sem Hrs**  
Focuses on the principles of heating systems, types of fuels, electric heating, venting for combustion furnaces, and the methods of correct duct design through lecture and demonstration. Develops skills and basic knowledge of furnace components, testing, and operations. Reviews indoor air quality enhancements and basic mechanical codes for heating and gas piping installations. Credit may be earned in RHA 135 or SKPT 126 but not in both. (35-10)

**RHA 136 Heating Service Fundamentals 3 Sem Hrs**  
Prerequisite RHA 140 and RHA 135. Examines the electrical schematics on most gas furnace manufacturers' equipment and perform live diagnostics using the multi meters wiring diagrams and shop furnaces. Tests for gas pressures, gas flow rates, and correct air flow measurement. Focuses on diagnostics involving the electrical circuits, airflow rates, gas pressures, gas flow rates and trouble-shooting the furnaces. (35-10)

**RHA 140 Applied Electricity I 3 Sem Hrs**  
Prerequisite: MATH LEVEL 4. Covers basic fundamentals of electricity that include introductory schematic symbols and basic electrical circuits, Ohms law, power formulas, series and parallel circuit rules, combination circuits, magnetism, capacitance, inductance and reactance in electrical DC and AC circuits. Applies the above fundamentals to electrical circuits and electrical schematics; calculate voltage, current, resistance and wattage as they apply in an electrical circuit; interpret electrical problems on the refrigeration or heating unit. Uses the multi meter as an Ohmmeter, as a voltmeter, and as an amp meter. Credit may be earned in RHA 140 or SKET 106 but not in both. (45-0)

**RHA 142 Sheetmetal Layout I 3 Sem Hrs**  
Analyzes and develops geometrical structures, intersections by radial and triangulation methods of sheet metal layout, the drawing of development layouts, and the forming of actual models with sheet metal. Credit may be earned in RHA 142 or SKMT 171, but not both. (35-10)

**RHA 146 Residential Air Conditioning Systems 3 Sem Hrs**  
Prerequisite: RHA 121, RHA 122, and RHA 126. RHA 122 may be taken as a corequisite. Develops skills related to mechanical air conditioning equipment used in comfort cooling and heat pump applications. Examines split and self-contained air conditioning systems. Evaluates and trouble-shoots diagnostics, proper piping, charging methods, and wire diagrams. (35-10)

**RHA 150 Refrigerant Certification 1 Sem Hr**  
Focuses on the EPA mandates for refrigerant recovery instruction and testing. Prepares for the EPA Refrigeration Certification test. Covers concepts of information a technician will require to successfully complete the test. You must achieve a score of 80% or higher in 4 test areas to be eligible for certification. Those tests are the Core Area Test, Type I Certification, Type II Certification, and Type III or Universal Certification. To earn an EPA approved Refrigeration Certification License you must pass the Refrigeration Certification test. (15-0)

**RHA 210W Commercial Air Conditioning 3 Sem Hrs**  
Prerequisite: MATH LEVEL 4 and RHA 146. Develops an understanding of AC electrical fundamentals concerning the operation, installation, and analysis of HVACR components and control circuits used in commercial air conditioning systems. Examines single- and poly-phase transformers and motors, heating and air conditioning controls, commercial timers, motor starters, contactors, relays, and other control devices. Focuses on rooftop units, split system air-conditioning units, and self-contained air-conditioning units. Includes hands-on training on wiring diagrams, wiring projects, and sealed systems. (35-10)

**RHA 225 Commercial Refrigeration II 3 Sem Hrs**  
Prerequisite: RHA 123. Develops additional skills and understanding in the servicing of commercial units such as walk-in coolers, reach-ins, display cases, and commercial icemakers. Focuses on electrical systems and diagrams. Analyzes single-phase systems and three-phase systems. Credit may be earned in either RHA 225 or SKPT 225, but not in both. (35-10)

**RHA 230 Design of HVAC Systems 5 Sem Hrs**  
Prerequisite: RHA 135. Focuses on heat gain and loss in residential and commercial structures with both forced air and hydronics representation. Explores computerized and manual load calculations and air system instrumentation in the lab sessions. Develops skills in use of Manual J and Manual D computer editions for heat load and duct sizing. (45-30)

**RHA 233W Commercial Refrigeration III 5 Sem Hrs**  
Prerequisite: RHA 122 and RHA 225. Examines and identify refrigeration units associated with supermarket applications and the food industry. Diagnoses multiplex systems and self-contained equipment for medium/low temperature applications such as piping and trouble shooting mechanical and electrical components. (45-30)

**RHA 235 Hydronic and Oil Heating Fundamentals 3 Sem Hrs**  
 Prerequisite: RHA 135. Explains parts of the hydronic systems and oil furnaces that include the operating sequences for safe, efficient combustion and flame safety. Trouble-shoots electrical and electronic control systems, flame safety, and mechanical problems on oil fired furnaces, boilers, hydronic systems, and wire diagrams. (35-10)

**RHA 290-299 Special Projects in Refrigeration/Heating & Air Conditioning**

## Respiratory Care

**RT 100 Basic Sciences for Respiratory Care 2 Sem Hrs**  
 Prerequisite: MATH LEVEL 4 or MTH 097 with "C" (2.0) minimum grade within the past five years. Introduces the basic principles of math, chemistry, and physics utilized in the field of respiratory care. Emphasis is placed on the physical and chemical principles relating to liquids and gases as they provide a foundation for the study of respiratory care. (30-0)

**RT 117 Basic Respiratory Care I 3 Sem Hrs**  
 Prerequisite: Admission to the Respiratory Care Program. RT 118, RT 121, RT 126, and RT 131 must be taken concurrently. Presents the theory and application of skills required for the delivery of the basic respiratory care modalities of medical gases, humidity, and aerosol therapy. Emphasizes treatment of adult and pediatric patients with application to specific disease states. (39-12)

**RT 118 Basic Respiratory Care II 3 Sem Hrs**  
 Prerequisite: Admission to the Respiratory Care Program. RT 117, RT 121, RT 126, and RT 131 must be taken concurrently. Presents the theory and application of skills required to control transmissible diseases, to perform an appropriate physical assessment of the respiratory care patient, and for the delivery of the basic respiratory care modalities of pharmacology, incentive spirometry, and chest physical therapy. Emphasizes treatment related to adult and pediatric patients with application to the specific disease states. (38-14)

**RT 121 Orientation to RC 2 Sem Hrs**  
 Prerequisite: Admission to the Respiratory Care Program. RT 117, RT 118, RT 126, and RT 131 must be taken concurrently. Introduces the role of a professional respiratory therapist from an historical, professional, and management perspective as well as the clinical setting. Includes CPR for the Professional Rescuer. (15-30)

**RT 126 Clinical Education I 3 Sem Hrs**  
 Prerequisite: Admission to the Respiratory Care program. RT 117, RT 118, RT 121, and RT 131 must be taken concurrently. Provides the opportunity in the clinical setting to apply and practice skills learned. (0-120)

**RT 131 Artificial Airway Care and Manual Ventilation 2 Sem Hrs**  
 Prerequisite: Admission to the Respiratory Care Program. RT 117, RT 118, RT 121, & RT 126 must be taken concurrently. Presents the theory and application of skills required to provide care of the patient with an artificial airway and manual ventilation. (26-8)

**RT 132 Adult Ventilatory Care 3 Sem Hrs**  
 Prerequisites: RT 117, RT 118, RT 121, RT 126, and RT 131. RT 135, RT 146, and RT 149 must be taken concurrently. Presents the theory and application of skills required to provide adult mechanical ventilatory care. (39-12)

**RT 135 Diagnostics and Special Procedures 4 Sem Hrs**  
 Prerequisites: RT 117, RT 118, RT 121, RT 126, & RT 131. RT 132, RT 146, and RT 149 must be taken concurrently. Presents the theory and application of skills required to perform arterial and mixed venous blood sampling and analysis, basic pulmonary function testing, and to interpret the results of and make recommendations for care based on these diagnostic procedures. Emphasizes the respiratory therapist's role in chest and lateral neck x-ray evaluation, bronchoscopy, and chest tube drainage. (54-12)

**RT 146 Clinical Education II 6 Sem Hrs**  
 Prerequisites: RT 117, RT 118, RT 121, RT 126 and RT 131. RT 132, RT 135, and RT 149 must be taken concurrently. Provides the opportunity to apply clinical skills with emphasis on the critically ill patient. (0-240)

**RT 149 Clinical Ed 2 Seminar 1 Sem Hr**  
 Prerequisites: RT 117, RT 118, RT 121, RT 126, and RT 131. RT 132, RT 135, and RT 146 must be taken concurrently. Provides the opportunity to integrate the classroom and clinical activities of the concurrent courses in a seminar format. (15-0)

**RT 150 Cardiovascular Evaluation and Monitoring 3 Sem Hrs**  
 Prerequisites: RT 132, RT 135, RT 146, & RT 149. Presents the theory and application of skills required to provide adult hemodynamic and ECG monitoring and interpretation. (41-8)

**RT 160 Transition-Technician to Therapist 2 Sem Hrs**  
 Completion of an AMA-approved Respiratory Therapy Technician Program within the last 2 years or completion of a Technician program with at least one year of work experience in the last 2 years; or certification (CRTT) by the National Board of Respiratory Care with at least 3 years of work experience in the last 5 years. Must be taken concurrently with RT 235. Emphasis will be upon material in RT 116, 133, and 134. Successful completion of this course and RT 235 will enable technicians to enter the second year of the therapist program. Will only be offered if space in the program permits. (30-0)

**RT 207 Cardiopulmonary Pathophysiology 3 Sem Hrs**  
 Prerequisites: RT 150 or RT 105 and RT 160 for the transition student. RT 211, RT 212, RT 214, RT 216, RT 229, RT 226 must be taken concurrently. Presents the cause, clinical presentation, and treatment of common cardiopulmonary diseases. (45-0)

**RT 211 Advanced Cardiopulmonary Physiology 3 Sem Hrs**  
 Prerequisites: RT 150 or RT 150 and RT 160 for the transition student. RT 207, RT 212, RT 214, RT 216, RT 229, & RT 226 must be taken concurrently. Presents the study of advanced cardiopulmonary physiology as the basis for evaluation and treatment of cardiopulmonary pathophysiology. (45-0)

**RT 212 Advanced Ventilator Management 2 Sem Hrs**  
 Prerequisites: RT 150 or RT 150 and RT 160 for the transition student. RT 207, RT 211, RT 214, RT 216, RT 229, & RT 226 must be taken concurrently. Presents the advanced theory and application of skills required to monitor, manage, and wean patients on mechanical ventilation. (26-8)

**RT 214 Seminar I 1 Sem Hr**  
 Prerequisites: RT 150 or RT 150 and RT 160 for the transition student. RT 207, RT 211, RT 212, RT 216, RT 226, & RT 229 must be taken concurrently. Provides an opportunity to research, write a report, and make an oral presentation on an area of interest in the field of respiratory care. (15-0)

**RT 216 Rehabilitation and Home Care 1 Sem Hr**  
 Prerequisites: RT 150 or RT 150 and RT 160 for the transition student. RT 207, RT 211, RT 212, RT 214, RT 229 and RT 226 must be taken concurrently. Presents the theory and application of skills required to provide pulmonary rehabilitation and home care. (13-4)

**RT 226 Clinical Education III 6 Sem Hrs**  
 Prerequisites: RT 150 or RT 150 and RT 160 for the transition student. RT 207, RT 211, RT 212, RT 214, RT 216, and RT 229 must be taken concurrently. Provides the opportunity to review the theory and practice clinical skills. (0-240)

**RT 229 Clinical Ed 3 Seminar 1 Sem Hr**  
 Prerequisites: RT 150 or RT 150 and RT 160 for the transition student. RT 207, RT 211, RT 212, RT 214, RT 216, and RT 226 must be taken concurrently. Provides the opportunity to integrate the classroom and clinical activities of the concurrent courses in a seminar format. (15-0)

**RT 231 Maternal and Neonatal Respiratory Care 2 Sem Hrs**

Prerequisite: RT 207, 211, 212, 214, 216, 226 and 229. RT 234, RT 240, RT 244, RT 246 must be taken concurrently. Presents the theory and application of maternal and neonatal respiratory care. Emphasizes fetal development, the birth process, cardiopulmonary changes following birth, and neonatal cardiopulmonary pathophysiology. (27-6)

**RT 234 Seminar II 1 Sem Hr**

Prerequisites: RT 207, RT 211, RT 212, RT 214, RT 216, RT 226 and RT 229. RT 231, RT 240, RT 244 and RT 246 must be taken concurrently. Provides an opportunity to research, write a report, and make an oral presentation on any area of interest in the field of respiratory care. (15-0)

**RT 240 Advanced Respiratory Care Pharmacology 3 Sem Hrs**

Prerequisite: RT 207, RT 211, RT 212, RT 214, RT 216, RT 226 and RT 229. RT 231, RT 234, RT 244 and RT 246 must be taken concurrently. Presents the theory and application of advanced respiratory care pharmacology as it relates to cardiopulmonary pathophysiology. (45-0)

**RT 244 Optional Rotation/Special Project 1 Sem Hr**

Prerequisites: RT 207, RT 211, RT 212, RT 214, RT 216, RT 226 and RT 229. RT 231, RT 240, RT 234, and RT 246 must be taken concurrently. Provides an opportunity to choose a rotation or special project to meet their personal goals in the field of respiratory care. Emphasizes the design, completion, and summarization of the project. (15-0)

**RT 246 Comprehensive Clinical Education 8 Sem Hrs**

Prerequisites: RT 207, RT 211, RT 212, RT 214, RT 216, RT 226, and RT 229. RT 231, RT 234, RT 240, and RT 244 must be taken concurrently. Provides the opportunity to apply all of the knowledge and skills presented in the program. Emphasizes the integration of all levels of knowledge and skills as a prelude to functioning as a graduate respiratory therapist. (0-320)

**RT 290-299 Special Projects in Respiratory Care**

## Interdisciplinary Science

**SCI 099 Foundation For Science 4 Sem Hrs**

Develops competency in content and skills in college science classes and intended for students unsure of adequacy of preparation for college science. Includes use of scientific method, measurement practices in metrics, communicating and presenting scientific data, classification techniques, spatial relationships, and maps. Presents methods for improving science study skills, note taking, data recording and analysis. (Cannot be counted toward Natural Science or lab credit.) Does not earn credit toward graduation. Credit may be earned in SCI 099 or in SCI 100 but not both. (75-15)

**SCI 250 Research Project In Science 2-6 Sem Hrs**

Prerequisites: CHM 112 or CHM 230. Designed to provide science student with opportunity to design, carry out a science research project under the supervision of a faculty advisor. A research report will be prepared that includes a library search, problem identification, procedure documentation, data, data analysis, and conclusion. Evaluation will be handled by a team of faculty and/or experts. Credits awarded will be based on the nature of the project and its evaluation. Two credits are minimum requirement. Beneficial to all science majors in Biology, Chemistry, and Engineering. (0-30)

**SCI 290-299 Special Projects in Interdisciplinary Science**

**SCI 299 Food Science and Nutrition 3 Sem Hrs**

Recommended prerequisite: BIO 111 and CHM 111 recommended. Introduces the fundamental concepts in digestion and metabolism at the cellular, organ system and organismal levels (seeds, yeast, gold fish, and plants). Reviews and implements laboratory research techniques involved in quantitative analysis of food ingredients. Explores the following topics: Enzyme kinetics, balanced/healthy diet, physical fitness, popular weight loss programs, and food diversity and society. Includes a field trip to local restaurants. (45-0)

## Skilled Trades

**SKCA 114 Introduction to CAD 2 Sem Hrs**

Prerequisites: Either SKDR 101, DRF 104, 105, 121, or ARC 105. CST 103 suggested or basic knowledge of the Windows Operating System. Introduces 2D CAD drawing, including basic drawing and editing commands as related to architectural, mechanical and civil applications. Studies CAD system interface, hardware, a current operating system, file management techniques, creating templates, creating and modifying geometry, dimension and text styles, block and external reference insertion, model space/paper space layouts, and plotting techniques. Credit may be earned in CAD 114 or SKCA 114 but not in both. (30-15)

**SKCA 120 Introduction to CAM 3 Sem Hrs**

Prerequisites: DRF 104 or DRF 105 or SKDR 101; and CST 103 or CAD 114; or permission of instructor. Introduces the basics in computer geometry creation including line, arc, curve creation and manipulation. Gives a foundation to build on advanced CAD/CAM techniques. Instructs students on file transfer systems from CAD to CAM with emphasis on proper drawing techniques, including file type-save-transfer. Projects will be drawn, checked and created on appropriate equipment. Shows links between CNC machines on the shop floor and their relationship with the design process. Generates code from created drawings to be run on Computer Numerical Controlled equipment. Credit may be earned in CAD 120 or SKCA 120 but not in both. (30-30)

**SKCN 162 Computer Numerical Control Theory 4SemHrs**

Prerequisites: MS 181 or SKTR 181, and SKMA 103 or MTH 103 or MT 110 or Instructor permission. Uses various methods, such as a text editor, machine control unit, and CAD/CAM (MasterCam) to produce alpha-numeric code (G-Code) which will run CNC machinery. Uses blueprints to problem solve and program both point-to-point and complex contours on machining centers and turning centers. Discusses machines with 2, 3, 4, and 5 axis controls. Emphasizes common formats of programming. Discusses machine tool controllers including HAAS, Funac, and Okuma. Includes hands-on activities. Credit may be earned in either CNC 162 or SKCN 162 but not in both. (40-20)

**SKCN 216 CNC with Machining Applications 4 Sem Hrs**

Prerequisites: CAD 120 or SKCA 120, MS 181 or SKTR 181, CNC 162 or SKCN 162, MS 182 or SKTR 182. Emphasizes the programming methodology for producing quality parts using the CNC machines. Discusses conversational programming language with secondary emphasis on tooling setups, part setups, and machining. Utilizes horizontal and vertical machining center for program testing. Credit may be earned in SKCN 216 or CNC 216 but not both. (0-60)

**SKCN 225 Mastercam 4 Sem Hrs**  
Prerequisites: CAD 120 or SKCA 120, and CNC 162 or SKCN 162 or instructor permission. Teaches the advanced concepts of CNC programming for lathe work, mill 3 and 4 axis work, and/or other machinery, shop floor programming, and the principles of CNC operations. Emphasizes various machining operations, accompanied by demonstrations, student programming, and hands-on setup and machine operation. Emphasizes the creation of error free part programs using the MASTERCAM programming language, including part geometry, tool path, and debugging with secondary emphasis on the downloading of a program to the turning center, mill, machining center/system, or wire EDM. Credit may be earned in either SKCN 225 or CNC 225 but not in both. (15-45)

**SKCN 285W Computer Numerical Control Capstone 4 Sem Hrs**  
Prerequisites: Permission of instructor. Demonstrates application-based activities that tie a majority of your previous manufacturing learning together. Incorporates skills learned in drafting, CAD, manual and CNC machine tools, and CAM to complete the capstone project. Applies critical thinking and spatial analysis abilities in the processing of this project. Applies the fundamentals of ID tool design and tool making, fixture building, and geometric dimensioning and tolerancing (GD&T). Credit may be earned in CNC 285 or SKCN 285 but not in both. (30-60)

**SKCT 101 Industrial Millwright Procedures 3 Sem Hrs**  
Prerequisite: SKDR 101. A course for millwrights emphasizing blueprint reading, layout of typical industrial construction, equipment, and safety and guarding. Topics covered include plan and elevation prints of building footings and foundation, mechanical services, equipment and machinery foundations, ventilation systems, catwalks, decking, platforms, and various conveying systems. (45-0)

**SKCT 102 Building Materials 3 Sem Hrs**  
To learn development, properties, and composition of various building materials. To develop perception for economical and appropriate application of building materials. To learn various sources of technical data about residential and industrial building materials. To develop skills of building material application. (45)

**SKCT 105 Building Site Surveying 3 Sem Hrs**  
Prerequisite: MATH LEVEL 4. Studies fundamentals of site analysis, including utility services, metes and bounds, solar access and restrictions. Teaches elements of surveying including use of instruments, leveling, measurement of angles and distances, contours, location of site elements and development of a site plan from field data. Interprets engineering surveys, introduces landscape design, and studies computer aided design examples. Credit may be earned in ARC 221 or SKCT 105, but not in both. (45-0)

**SKCT 106 Concrete and Foundations 3 Sem Hrs**  
Prerequisite: SKCT 102. Studies practical methods and procedures of preparing and setting concrete forms for such areas as basement floors, garage floors, driveways, sidewalks, patios, etc. (45-15)

**SKCT 111 Construction Print Interpretation 3 Sem Hrs**  
Instruction in this course includes trade terminology and description of the various views of working drawings, pictorial drawings, and the basic procedures in development of these drawings. Also included is the interpretation of specifications and job information as they pertain to construction and layout. Credit may be earned in either SKCT 111 or RC 101 but not both. (45)

**SKCT 114 Framing Square 4 Sem Hrs**  
Uses the framing square and speed square in construction. Credit may be earned in either SKCT 114 or RC 114 but not in both. (60-0)

**SKCT 201 Rough and Outside Framing 4 Sem Hrs**  
Prerequisite: SKCT 114 and RC 104. Provides instruction in the techniques of construction used in all phases of framing and exterior finishing. Credit may be earned in either SKCT 201 or RC 201 but not in both. (30-60)

**SKCT 204 Inside Finishing and Hardware 4 Sem Hrs**  
Prerequisite: SKCT 114. Includes principles of interior construction, joinery and installation, and finishing of all types of interior trim. Credit may be earned in either SKCT 204 or RC 204 but not in both. (45-45)

**SKCT 205 Cabinet Making and Millwork 5 Sem Hrs**  
Prerequisite: SKCT 204. A study is made of the construction of, the placement of, and installation procedures of cabinets used in residential and commercial building. (45-60)

**SKDR 101 Sketching and Blueprint Reading 4 Sem Hrs**  
Topics include: The graphic language and design, lettering, sketching, and shape descriptions, multiview projections, sectional views, auxiliary views, shop processes, thread fasteners and springs, and print reading of typical shop blueprints. (60)

**SKDR 111 Drawing II 3 Sem Hrs**  
Prerequisite: SKDR 101. A continuation of SKDR 101. Topics include multiview and pictorial sketching and drawing, sections drawing, dimensioning and tolerancing. (45)

**SKDR 121 Descriptive Geometry 3 Sem Hrs**  
Prerequisite: SKDR 111. Topics include orthographic projections, primary auxiliary views and lines, planes, successive auxiliary views, piercing points, intersection of planes, and angle between planes. (45)

**SKDR 128 Geometric Tolerancing 2 Sem Hrs**  
Prerequisite: SKDR 111. Primary emphasis is on geometric symbols used in place of written notes on industrial drawings including datums, symbols, and other items tolerancing to the geometry of the part. Credit may be earned in either SKDR 128 or DRF 128 but not both. (30)

**SKDR 130 Tool and Die Design 4 Sem Hrs**  
Prerequisite: SKDR 111. Topics include: design of jigs and fixtures, design of gaging mechanisms, design of automatic tooling, machining cost calculations. The student will use this data to make class presentations with questions and answer sessions. (60)

**SKDR 131 Pattern Design I 3 Sem Hrs**  
Prerequisite: SKDR 111. Course covers terms and definitions of pattern design. Students will learn how to make calculations from tables and drawing, estimate weights from pattern charts and materials codes, and sketch and detail typical pattern designs. (45-0)

**SKDR 141 Pipe and Tube Isometrics 3 Sem Hrs**  
Sketching course for industrial pipefitters includes all mensurations for layout and construction. (45)

**SKEL 101 Basic Electronics 6 Sem Hrs**  
Prerequisite: SKMA 113. The first course in a series to train electrician apprentices in the theory and application of electronics to industrial control systems. Basic electronic devices will be discussed, along with how they work and their electrical characteristics. Simple electronic circuits will be set up on trainers to illustrate the application of the devices. Troubleshooting techniques and basic test instruments will be discussed and used. (90)

**SKEL 102 Industrial Electronics 4 Sem Hrs**  
Prerequisite: SKEL 101. The second course in a series to train electrician apprentices in the theory and application of electronics to industrial control systems. Application of basic electronic devices to industrial control systems will be discussed. Major topics will be digital solid state logic and power control using SCR's and TRIAC's. Troubleshooting techniques and basic test instruments will be discussed and used. (60-0)

**SKEL 103 OSHA Safety and Michigan Electrical Laws 2 Sem Hrs**

Introduces students to Occupational Safety and Health Standards (OSHA), and Michigan Electrical Laws. Provides a basic understanding of the OSHA rules and regulations, and how to locate and apply published OSHA information. Covers requirements for compliance with the State of Michigan Model Training Program for related Technical Instruction (Referred to as RTI), for Apprentice Electricians as approved by the State Electrical Board on October 2, 2009. (30-0)

**SKEL 104 Electric Substation Worker Orientation 2 Sem Hrs**

Provides participants with a basic understanding of a career as an electric substation worker: installing, maintaining, and troubleshooting electrical substation equipment comprised of power transformers, circuit breakers, switches, conductors, insulators, and instrumentation & controls. (18-12)

**SKEL 105 Electrical Utility/Lineworker Orientation 2 Sem Hrs**

Orients student to basic requirements of electrical utility/lineworker career. Requires application of safety protocol. Includes mandatory classroom and outside activities. Requires use of safety equipment and practice of all activities. (15-15)

**SKEL 111 Conventional Controls 3 Sem Hrs**

Prerequisite: SKMA 111. Develops competencies in reading basic electrical blueprints and troubleshooting through familiarization of basic control devices. Develops visual and analytical relationships between the device and the corresponding blueprint configurations and symbols. Discusses and applies basic troubleshooting skills using the electro-pneumatic laboratory simulation training board. (45-0)

**SKEL 121 Advanced Controls I 5 Sem Hrs**

Prerequisite: SKEL 102. Topics include: vacuum and vapor tubes, resistance welding controls, induction heating, motors, inverters, polyphase rectifiers, op-amps transducers, instrumentation, closed loop controls, servo systems, temperature controls, troubleshooting. (75)

**SKEL 122 Advanced Controls II 4 Sem Hrs**

Prerequisite: SKEL 121. Present students with basic concepts and hands-on experience with programmable digital control systems. Emphasis placed on hardware, program (software) entry, R-T-C math, documentation, trouble-shooting, communication links (generic) and peripheral equipment. (60-0)

**SKEL 131 AC/DC Machinery 3 Sem Hrs**

Prerequisite: SKMA 113. This course is one in a series of courses on conventional industrial controls. Topics include physics of electromotive forces, armature reaction, induction, DC generator types, AC generators, DC motors, DC motor starters, transformers, AC motors and variable speed drive systems. (45-0)

**SKEL 134 Lineworker Climbing Techniques 5 Sem Hrs**

Prerequisite: Current validation for Lineworker Level I program. Corequisites: SKEL 136 and SKEL 138. Provides participants with the basic knowledge and pole climbing skills necessary to progress through the Lineworker/Electrical Utility Program. Student is responsible for climbing equipment, tools, and foul weather gear as required. Cost may exceed \$200. (15-63)

**SKEL 136 Utility Worker Training 5 Sem Hrs**

Prerequisites: Current validation for Lineworker Level I program. Corequisites: SKEL 134 and SKEL 138. Provides participants with the basic Ground Worker/Utility Worker knowledge and skills necessary to progress through the Lineworker/Electrical Utility Program. (15-63)

**SKEL 138 Lineworker Level I 6 Sem Hrs**

Prerequisites: Current validation for Lineworker Level I program. Corequisites: SKEL 134 and SKEL 136. Provides hands-on experience with energized equipment with voltages up to 240V. (30-74)

**SKEL 141 Industrial Electrical Codes & Standards 3 Sem Hrs**

Prerequisite: SKEL111 AND SKEL131. Develops competency in the application of the National Electrical Code (NEC) and its relationship to industry and some residential wiring as written by the National Fire Protection Association (NFPA). Includes the Joint Industrial Council (JIC) standards for industrial electrical mass production operations and equipment. Emphasizes safety regarding hazardous locations, electrical grounding, ground faults, fusing, motor circuit protection and controls as well as electro-mechanical and hydraulic devices. (45-0)

**SKET 106 Applied Electricity I 3 Sem Hrs**

Prerequisite: MATH LEVEL 4. Covers basic fundamentals of electricity that include introductory schematic symbols and basic electrical circuits, Ohms law, power formulas, series and parallel circuit rules, combination circuits, magnetism, capacitance, inductance and reactance in electrical DC and AC circuits. Applies the above fundamentals to electrical circuits and electrical schematics; calculate voltage, current, resistance and wattage as they apply in an electrical circuit; interpret electrical problems on the refrigeration or heating unit. Uses the multi meter as an Ohmmeter, as a voltmeter, and as an amp meter. Credit may be earned in SKET 106 or RHA 140 but not in both. (45-0)

**SKET 107 Applied Electricity II 2 Sem Hrs**

Prerequisite: SKET 106 or permission of Technical, Trades, and Manufacturing Division Office. Furthers the study of electrical applications. Provides an in-depth study of frequency, peak-effective-average voltage, inductance, capacitance, three phase power, resistive circuits, coils, capacitors, lost power, and power factor correction. (30-0)

**SKET 162 Industrial Robotics I 3 Sem Hrs**

Prerequisites: SKET 107 and SKMT 101. Studies modern industrial robotic systems. Introduces the operation, use and safety of industrial robots. Discusses feedback mechanisms, actuators, sensors, power supplies, micro-controllers, P.C. computer control and programming. Emphasizes a hands-on approach to system analysis, critical thinking, solution to open-ended problems, computer usage, and teamwork. Credit may be earned in SKET 162 or ET 162 but not both. (15-30)

**SKET 164 Robotics Electrical Service & Troubleshooting 3 Sem Hrs**

Perequisites: SKET 107 and SKMT 101. Identifies the electrical component of robots, theory of operation. Introduces proper troubleshooting procedures for the robot controller and manipulator. Approximately 50 percent of the course will be hands-on troubleshooting of actual robot system and controller. Credit may be earned in SKET 164 or ET 164 but not both. (15-30)

**SKET 262 Industrial Robotics II 3 Sem Hrs**

Prerequisite: SKET 162. Emphasizes programming, advanced manipulation, grip load instructions, velocity, and acceleration instruction, offline editing, handling errors, and robot configuration. Discusses programming concepts and structures in the C+ programming language, industry-like applications and system integration projects. Emphasizes a hands-on approach to system analysis, critical thinking, solutions to open-ended problems, computer usage, and teamwork. Credit may be earned in SKET 262 or ET 262 but not both. (15-30)

**SKGM 110 Automotive Electronics Service 4 Sem Hrs**

Introduces the operation, maintenance, and service of battery, charging, starting systems and GM electrical and electronic systems. Credit may be earned in AGM 110 or ACD 110 or SKGM 110 or AGM 131 but not in more than one. (40-40)

**SKGM 112W Engine Service 6 Sem Hrs**

Introduces the operation, maintenance, and service of GM engines for mechanical performance. Stresses proper repair techniques and diagnosis of engine noises. Credit may be earned in AGM 112 or ACD 112 or SKGM 112 or AGM 141 but not in more than one. (45-75)

**SKGM 114 Brakes, ABS, TCS Service 5 Sem Hrs**  
Introduces the operation, maintenance, and service of GM base brakes, anti-lock and traction control. Presents general auto lab equipment operation and stresses safety. Credit may be earned in AGM 114 or ACD 114 or SKGM 114 or AGM 132 but not in more than one. (40-60)

**SKGM 142 Electronic Engine and Emission Controls Service 9 Sem Hrs**  
Prerequisite: SKGM 112. Introduces the operation, maintenance, and service of GM engines for drivability performance. Stresses proper repair techniques and diagnosis of engine drivability problems. Credit may be earned in SKGM 142 or AGM 142 or ACD 142 but not in more than one. (81-144)

**SKGM 210 Body Electronics Service 3 Sem Hrs**  
Prerequisite: SKGM 110. Stresses the operation, diagnosis, and service of GM body electrical and electronics systems. Credit may be earned in AGM 210 or SKGM 210 or ACD 210 or AGM 241, but not in more than one. (30-30)

**SKGM 212W Suspension System Service 7 Sem Hrs**  
Introduces the operation, maintenance, and service of GM steering and suspension systems. Credit may be earned in AGM 212 or SKGM 212 or ACD 212 or AGM 133 but not in more than one. (56-84)

**SKGM 214 Heating/Air Conditioning 5 Sem Hrs**  
Introduces the operation, maintenance, and service of GM Heating, Ventilation, and Air Conditioning systems and their controls. Credit may be earned in AGM 214 or SKGM 214 or ACD 214 or AGM 233, but not in more than one. (50-50)

**SKGM 216 Driveline Service 6 Sem Hrs**  
Prerequisite: SKGM 143. Studies GM passenger car and light truck clutch, manual transmission, driveshaft, differential, transaxle, front driving axle, and transfer case terminology, operation, and diagnosis. Develops skills in diagnosis, adjustment, and repair of clutches, manual transmissions, driveshafts, differentials, transaxles, front driving axles, and transfer cases. Credit may be earned in AGM 216 or SKGM 216 or ACD 216 or AGM 231 but not in more than one. (60-60)

**SKGM 218W Automatic Electronic Transmission Service 8 Sem Hrs**  
Introduces the operation, maintenance, and service of GM electronically controlled transmissions. Credit may be earned in AGM 218W or SKGM 218W or ACD 218W or AGM 232, but not in more than one. (80-100)

**SKMA 096 Pre-Algebra 2 Sem Hrs**  
Prerequisite: MATH LEVEL 2. Provides preparation for algebra. Includes fractions, decimals, integers, ratios, and percentages with an introduction to equations, graphs, and functions. May receive credit in only one of the following: MTH 096 or SKMA 096 or SKMA 101 or MTH 106. Does not earn credit toward graduation. (30-0)

**SKMA 097 Algebra I 3 Sem Hrs**  
Prerequisite: MATH LEVEL 3. Includes natural number, integers, first-degree equations and inequalities, special products, factoring, rational expressions and equations, graphs, and linear systems, exponents, and quadratic equations. May receive credit in only one of the following: MTH 107 or MTH 097 or SKMA 097 or SKMA 102. Does not earn credit toward graduation. (45-0)

**SKMA 099 Pre-Apprenticeship Basic Skills 2 Sem Hrs**  
Explores basic mathematics principles. Discusses whole numbers, fractions, decimals, percentages, metric system, rational numbers, polynomials, equations, exponents, and radicals. Reviews algebra, geometry and graphical math. Introduces spatial skills and blue print reading. Examines orthographic projections, three view drawings, missing line(s), point and surface identification, fitting pieces together, rotated/flipped and cube unfolding and folding. Includes mechanical comprehension. Analyze physical principles, simple machines, vectors, hydraulics, liquids, density and circular motion. Completion of this course does not guarantee an apprenticeship. Does not earn credit toward graduation. (30)

**SKMA 103 Applied Geometry and Trigonometry 4 Sem Hrs**  
Prerequisite: Math Level 4. Includes the following geometry topics: angles, triangles, polygons, circles, prisms, cylinders, and cones. Includes right-triangle trigonometry, radian measure, oblique-triangle trigonometry, and graphs of trigonometric functions. May receive credit in only one of the following: SKMA 103, MTH 103, or MT 110. (60-0)

**SKMA 111 Applied Integrated Electrical Math I 6 Sem Hrs**  
Prerequisite: MATH LEVEL 3. Develops competency in the application of mathematics principles to electrical circuit configurations. Includes mathematical equations and formulas necessary to solve D.C. circuit applications applied to electrical, mechanical and process industrial control equipment. Covers non-mathematical theory related to electricity and electronics. (90-0)

**SKMA 112 Applied Integrated Electrical Mathematics II 3 Sem Hrs**  
Prerequisite: SKMA 111. Develops further competency in the application of mathematics principles to electrical circuit configurations including DC and AC circuit applications. Includes trigonometry as applied to electrical-circuit theory and non-mathematical theory related to electricity and electronics. (45-0)

**SKMA 113 Applied Integrated Electrical Math III 3 Sem Hrs**  
Prerequisite: SKMA 112. This course is the third in a series of electrical mathematics and circuit analysis intended to give an electrical apprentice the necessary background to maintain and service industrial control equipment. It will include a study of capacitance, capacitive reactance, vectors, phasers, series AC circuits, power factor and three-phase systems. Trigonometry and pythagorean mathematics will be used in the computation of the phase relationships of the various quantities studied. (45)

**SKMT 101 Hydraulics and Pneumatics I 3 Sem Hrs**  
Prerequisite: MATH LEVEL 3. Focuses on the operation and function of fluids, pumps, compressors, valves, cylinders, motors, filters, and other components used in the power and control of machine tools, construction and agricultural equipment. Uses algebraic formulas, charts, and graphic symbols for design and diagnosis of basic circuits. (30-30)

**SKMT 102 Hydraulics and Pneumatics II 3 Sem Hrs**  
Prerequisite: SKMT 101. Advanced course in fluid power designed for machine repair, pipefitters and plumber trades. Analysis of common hydraulic and pneumatic components and circuits. Includes building of machine tool circuits and troubleshooting. Special systems such as hydrostatic transmissions and electrohydraulic servos, and ladder diagramming of pneumatic control circuits. Mathematics and graphic symbols used in troubleshooting. (45)

**SKMT 111 Metals 3 Sem Hrs**  
Prerequisite: SKMA 097 or MTH 097 with a grade of "C" or better. Distinguishes temperature measurement by color, hardness, strengths, fatigue properties, steels, plastics, cast iron, copper, brass bronze, aluminum, their applications with respect to wear, corrosion, and design. (45-0)

**SKMT 112 Ferrous Heat Treatment 2 Sem Hrs**  
Designed to acquaint students with various forms of heat treatment applied to plain carbon steels, cast iron, alloy tool steel, and stainless steel. Course will also include steel classification and machinability. (30)

**SKMT 151 Power Transmission 3 Sem Hrs**  
Prerequisite: MATH LEVEL 5: Identifies and explains safety rules, regulations, test procedures, installation, removal, and operation of belt drives, chain drives, mechanical couplings, and mechanical drive systems. Demonstrates the concepts of shaft alignment. Credit may be earned in SKMT 151 or MT 151 but not both. (30-15)

**SKMT 161 Industrial Rigging and Safety 2 Sem Hrs**

This course is a study of the methods of safe transfer of loads, It provides comprehensive, easy-to-understand, and reliable information of the entire field of rigging operations. It also discusses techniques and methods to accomplish the rigger's task with the greatest safety for all of the workers on a project, as well as for passers-by and the public in general. "Safety is no accident" is stressed. (30)

**SKMT 171 Sheetmetal Layout I 3 Sem Hrs**

Analyzes and develops geometrical structures, intersections by radial and triangulation methods of sheet metal layout, the drawing of development layouts, and the forming of actual models with sheet metal. Credit may be earned in SKMT 171 or RHA 142, but not both. (35-10)

**SKMT 172 Sheetmetal II 3 Sem Hrs**

Prerequisite: SKMT 171. Continuation of Sheetmetal I. Projects involve fabrication of complex pieces to actual specification using tools common to the trade. (45)

**SKMT 173 Sheetmetal III 3 Sem Hrs**

Prerequisite: SKMT 172. Continuation of Sheetmetal Layout II. Emphasis placed on the layout and construction of patterns found in the industrial plant. Special projects will be assigned. (20-25)

**SKMT 231 Fundamentals of Foundry Technology 3 Sem Hrs**

Prerequisite: Foundry experience or permission of department. Provides an overview of all the components that make up a modern foundry. Participants will become familiar with the interrelationship between the metallurgy, melting, production engineering, core, molding, finishing, and reliability and quality control departments. Special emphasis is placed on how each department is dependent upon the other and what affect each has on the production of a quality product at a competitive cost, through the use of a statistical process control. (45)

**SKMT 241W Introduction to Monitoring Controls 3 Sem Hrs**

Prerequisite: MATH LEVEL 4. Focuses on the theory of planned/predictive maintenance strategies and the familiarization of the technological tools available to support those strategies. Presents the theory and application of each of the technologies but is not intended to prepare for certification in any of the technologies discussed above. (45-0)

**SKOT 191 Machine Controls 1 3 Sem Hrs**

Present students with mechanical background the essentials of wiring and troubleshooting controls in production machinery. Studies AC/DC circuits, fundamentals of hydraulics and pneumatics as they pertain to machine control circuitry. Emphasizes relay ladder diagrams, simple debugging and nomenclature necessary to communicate with design engineers and other trades in the installation and troubleshooting of panel wiring. (45-0)

**SKOT 192 Machine Controls II 3 Sem Hrs**

Prerequisite: SKOT 191. Machine Controls II is a continuation of Controls I with special emphasis placed on diagnostic troubleshooting techniques. Primary objective of the course is to enable maintenance personnel to discuss machine functions or malfunctions with machine and control system designers. The course will also benefit toolmakers and machine builders to understand the overall operation of complex machinery they build and/or assemble. (45-0)

**SKPH 101 Applied Physics 4 Sem Hrs**

Prerequisite: Math Level 5. Introduces the basic physical principles involving mechanics, fluids, heat, conservation of energy, electricity, and sound. (60-30)

**SKPT 101 Industrial Piping 4 Sem Hrs**

Basic sanitation principles, terminology, materials classification, drainage systems, waste disposal system, pipe sizing and layout. Industrial piping situations involving gasoline, acid plating solutions, gases, safety, code requirements. (60)

**SKPT 106 Pipefitters Handbook 3 Sem Hrs**

Prerequisite: SKMA097 or MTH097 with a grade of "C" or better. Explores mathematical calculations including geometry and trigonometry. Includes: pipe bends, linear expansion of piping, tank capacities, leverage, methods of layout angles, pipe-fitting calculations, pipe-welding layout, and reference tables. (45-0)

**SKPT 111 Stationary Boiler Engineering I 2 Sem Hrs**

Orientation to power plant operations including boiler safety rules and regulations. General operating procedures for various types of boilers, uses and types of fuels and their sources; elementary chemistry of combustion. Credit may be earned in either SKPT 111 or CVI 1037 but not both. (30)

**SKPT 112 Stationary Boiler Engineering II 2 Sem Hrs**

Prerequisite: SKPT 111. This course includes boiler settings, combustion equipment, operation and maintenance of boilers, pumps, reciprocating steam engines, valve operating mechanisms. Credit may be earned in SKPT 112 or CVI 1038 but not in both. (30)

**SKPT 113 Stationary Boiler Engineering III 2 Sem Hrs**

Prerequisite: SKPT 112. Automatic boiler operation. Forced and induced draft systems. Steam turbines and auxiliaries, auxiliary steamplant equipment, cooling towers, boiler feed water treatment and heating. Credit may be earned in SKPT 113 or CVI 1039 but not in both. (30)

**SKPT 114 Stationary Boiler Engineering IV 3 Sem Hrs**

Prerequisite: SKPT 113 or permission of department. This course includes air compressors of the following types: centrifugal, rotary screw, large reciprocating compressors and drives; boiler feed water chemical treatment. Credit may be earned in either SKPT 114 or CVI 1040 but not both. (45-0)

**SKPT 121 Fundamentals of Refrigeration & A/C 3 Sem Hrs**

Examines the physical, gas, and chemical laws of refrigeration. Develops an understanding of the theory of heat, temperatures, pressures of gases and thermodynamics. Analyzes basic refrigeration cycle and components such as vacuum pumps, gauges, and (PT) Pressure Temperature Charts. Develops an understanding of units on safety and EPA Refrigerant Certification. Credit may be earned in SKPT 121 or in RHA 121, but not in both. (35-10)

**SKPT 122 Refrigeration and A/C Service I 3 Sem Hrs**

Prerequisites: SKPT 121. Focuses on concepts of common types of domestic refrigerators, dehumidifiers, and portable air conditioners. Develops an understanding of special references involving the essentials of construction of complete refrigeration systems. Presents theory and principles underlying repairing refrigeration appliances and practical shop work through classroom demonstrations and lab experiments. Credits may be earned in either SKPT 122 or RHA 122, but not in both. (35-10)

**SKPT 123 Commercial Refrigeration Flow Controls I 3 Sem Hrs**

Prerequisite: SKPT 122. Develops an understanding of basic skills necessary for servicing of commercial units such as walk-in coolers, reach-ins, display cases, and commercial icemakers. Analyzes refrigeration flow-control components, system components, and piping practices. Credit may be earned in either RHA 123 or SKPT 123 but not in both. (35-10)

**SKPT 124 Refrigeration and A/C Service II 3 Sem Hrs**

Prerequisite: SKPT 122. Develops understanding and operational skills in trouble shooting domestic refrigeration and air conditioning systems. Focuses on electrical components and system parts in frost-free, conventional and cyclematic units, and portable air conditioning units. Credit may be earned in either SKPT 124 or RHA 124 but not in both. (35-10)

**SKPT 126 Heating System Fundamentals 3 Sem Hrs**

Focuses on the principles of heating systems, types of fuels, electric heating, venting for combustion furnaces, and the methods of correct duct design through lecture and demonstration. Develops skills and basic knowledge of furnace components, testing, and operations. Reviews indoor air quality enhancements and basic mechanical codes for heating and gas piping installations. Credit may be earned in RHA 135 or SKPT 126 but not in both. (35-10)

**SKPT 225 Commercial Refrigeration II 3 Sem Hrs**

Prerequisite: SKPT 123. Develops additional skills and understanding in the servicing of commercial units such as walk-in coolers, reach-ins, display cases, and commercial icemakers. Focuses on electrical systems and diagrams. Analyzes single-phase systems and three-phase systems. Credit may be earned in either SKPT 225 or RHA 225, but not in both. (35-10)

**SKQA 140 Measurement Systems 3 Sem Hrs**

Introduces skill development in measurement analysis and measurement systems management. Emphasizes industrial measurement issues involving mechanical gauging and inspection instruments. Determines gauge and dimensional relationships along with describing the various types of industrial gauges and their usage. Explores gauge management issues and ISO 9000 requirements. Credit may be earned in either QA 140 or SKQA 140 but not in both. (45-0)

**SKTR 181W Machine Tools I 4 Sem Hrs**

Prerequisite: MS 113 or instructor permission. Introduces the manufacturing facility. Utilizes safety, materials, hand tools, precision instruments, drill presses, lathes, mills, pedestal grinders, and saws. Studies fundamentals and procedures to provide an understanding of manufacturing processes. Demonstrates greater knowledge of machine tool practices and applies that knowledge to educate others. Credit may be earned in MS 181 or SKTR 181 but not both. (30-60)

**SKTR 182 Machine Tools II 4 Sem Hrs**

Prerequisite: MS181 or SKTR 181. Trains in the set up and operation of various metal working machines and construction of projects from engineering drawings. Trains in use of a variety of measuring instruments to take measurements of one thousandth of an inch or closer. Utilizes safety, milles, lathes, drill presses, saws, grinders, speeds and feeds to complete duty and task list. Credit may be earned in only one of: MS 130, SKTR 182, or MS 182. (45-45)

**SKTR 183 Machinery's Handbook 3 Sem Hrs**

Prerequisite: Prerequisite: SKTR 182 and SKMA 103, or MS 113 or MS 114 and MT 110 or MTH 103. Focuses on learning how to use and understand the Machinery's Handbook. Credit may be earned in either SKTR 183 or MS 120 but not both. (45-0)

**SKWL 103 Introduction to Plasma, Carbon Arc, and Fuel Gas Cutting 3 Sem Hrs**

Addresses safety in use of equipment for oxy-fuel gas welding and cutting, and equipment set-up. Includes oxy-fuel welding of flat strips 1/8" or less in thickness, and cutting, beveling, and piercing plate and pipe in laboratory experience. Credit may be earned in one of the following courses WELD 103, SKWL 101, SKWL 103 but in more than one. (30-15)

**SKWL 104 Introduction to Shielded Metal Arc Welding 3 Sem Hrs**

Addresses safety in arc welding, welding terms and definitions, electrode selection, and welding joints. Includes striking an arc, running beads, pad welding, and fillet welds in lab. Credit may be earned in either WELD 104 or SKWL 104 but not in both. (30-15)

**Sociology****SOC 157 Projects in Community Service 1 Sem Hr**

Student volunteers will be assigned in groups to assist agency staff in programs in the tri-city area working with populations of need. Students will be assigned on the basis of preferred interests. Supportive seminar will provide structure and supervision for an experience in the field of human services. Students may elect to take SOC 157, 158 and 159, however, only a total of three (3) credit hours can be earned in these courses. (15-30)

**SOC 158 Projects in Community Service 2 Sem Hrs**

Student volunteers will be assigned in groups to assist agency staff in programs in the tri-city area working with populations of need. Students will be assigned on the basis of preferred interests. Supportive seminar will provide structure and supervision for an experience in the field of human services. Students may elect to take SOC 157, 158, and 159, however, only a total of three (3) credit hours can be earned in these courses. (15-60)

**SOC 159 Projects in Community Services 3 Sem Hrs**

Student volunteers will be assigned in groups to assist agency staff in programs in the tri-city area working will populations of need. Students will be assigned on the basis of preferred interests. Supportive seminar will provide structure and supervision for an experience in the field of human services. Students may elect to take SOC 157, 158, and 159, however, only a total of three (3) credit hours can be earned in these courses. (15-90)

**SOC 161 Projects in Cross-Cultural Learning 1 Sem Hr**

Assigns student volunteers to either community agencies providing cross-cultural experiences or to an international work experience. Provides support seminars dealing with structure and background knowledge of the particular country involved. (A minimum of 30 hours volunteer placement is required). Credit may be earned in IHU 161 or SOC 161, but not both. (15-30)

**SOC 162 Projects in Cross-Cultural Learning 2 Sem Hrs**

Assigns student volunteers to either community agencies providing cross-cultural experiences or to an international work experience. Provides support seminars dealing with structure and background knowledge of the particular country involved. (A minimum of 60 hours volunteer placement is required.) Credit may be earned in IHU 162 or SOC 162, but not both. (15-60)

**SOC 211HW Principles of Sociology - Honors 3 Sem Hrs**

Prerequisites: LEVEL 4 READING and LEVEL 2 WRITING and instruction of the Honors Office, Introduces the scientific study of society and social behavior including the basic concepts, theories, and methods of sociology. Provides opportunities to engage in independent intellectual inquiry to foster deeper learning. Credit may be earned in SOC 211 or SOC 211H but not both. (45-0)

**SOC 211W Principles of Sociology 3 Sem Hrs**

Prerequisites: LEVEL 2 READING or LEVEL 2 WRITING. Introduces the scientific study of society and social behavior including the basic concepts, theories, and methods of sociology. Credit may be earned in SOC 211 or SOC 211H but not both. (45-0)

**SOC 212W Social Problems 3 Sem Hrs**

Prerequisite: SOC 211. Analyzes contemporary social problems within the theoretical framework of social change, value conflicts, and social deviation and examines resulting implications for social policy. (45-0)

**SOC 215W Sociology of Minority Groups 3 Sem Hrs**

Prerequisite: SOC 211 with a "C" or better. Studies prejudice and discrimination against minority groups, primarily in the United States, using the sociological approach. Emphasizes the analysis of both causes and solutions to the problems of prejudice and discrimination. (45-0)

**SOC 216W The Black Experience 4 Sem Hrs**  
Surveys Black life using an inter-disciplinary approach. Studies Black culture, power and politics, Black family, business and economic development, and Black psychology. Presents a historical analysis as well as an overview of contemporary research and/or thought in the field. (60-0)

**SOC 221W Marriage and Family 3 Sem Hrs**  
Prerequisites: SOC 211 or SOC 231 with a "C" or better. Studies the family as an institution in society. Encompasses aspects of historical and cross societal evidence of this institution as well as contemporary American pairing and child rearing practices with a broad research approach. (45-0)

**SOC 230HW Physical Anthropology and Archeology - Honors 4 Sem Hrs**  
Prerequisites: LEVEL 4 READING and LEVEL 2 WRITING and permission of Honors Office. Introduces the origin and evolution of humankind's physical and cultural development. Emphasizes the evidence and theories of human evolution and a survey of Old World and New World archeology. Provides opportunities to engage in Independent intellectual inquiry to foster deeper learning. Credit may be earned in only one of SOC 230, SOC 230H, BIO 230, or BIO 230H. (60-0)

**SOC 230W Physical Anthropology and Archeology 4 Sem Hrs**  
Prerequisites: READING LEVEL 2 or WRITING LEVEL 2. Introduces the origin and evolution of humankind's physical and cultural development. Emphasizes the evidence and theories of human evolution and a survey of Old World and New World archeology. Credit may be earned in only one of SOC 230, SOC 230H, BIO 230, or BIO 230H. (60-0)

**SOC 231HW Cultural Anthropology - Honors 3 Sem Hrs**  
Prerequisites: LEVEL 4 READING and LEVEL 2 WRITING and permission of the Honors Office. Introduces humanity in its cultural setting. Emphasizes the study of diversity of non-industrialized cultures and the implications of that study for understanding our own culture. Provides opportunities to engage in independent intellectual inquiry to foster deeper learning. Credit may be earned in SOC 231, or SOC 231H, but not both. (45-0)

**SOC 231W Cultural Anthropology 3 Sem Hrs**  
Prerequisites: LEVEL 2 READING or LEVEL 2 WRITING. Introduces humanity in its cultural setting. Emphasizes the study of diversity of non-industrialized cultures and the implications of that study for understanding our own culture. Credit may be earned in SOC 231 or SOC 231H but not both. (45-0)

**SOC 233W Archaeology Field Methods 2 Sem Hrs**  
Provides a guided field experience in the basic techniques of land site analysis. Introduces commonly used methods of surveying and mapping; excavation; dating; artifact and ecofact identification and conservation; data recording, including photography and scaled drawing; and site interpretation. Examines criteria for selecting techniques appropriate to specific site conditions. Emphasizes the Michigan prehistoric and historic context. (30-0)

**SOC 242W Nanotechnology: Content and Context 3 Sem Hrs**  
Prerequisite: READING LEVEL 2 or WRITING LEVEL 2. Explores nanotechnology and its impact on society. Discusses the current status of nanotechnology and projected technologies and applications. Focuses on the societal implications of emerging technologies and their impact on social institutions. Includes how technological change in the past has altered societies, and considers how possible future changes predicted with the accomplishment of nanofabrication and other nanotechnologies may impact societies. (45-0)

**SOC 250W Introduction to Social Work 3 Sem Hrs**  
Prerequisites: LEVEL 2 READING or LEVEL 2 WRITING. Introduces social work as a helping profession within the field of human services. Explores social work values, practice strategies, and helping skills in the context of the social welfare institution. Requires 45 hours of internship, which meets the experience requirement necessary for admittance to the social work program at transfer institutions. (45-45)

**SOC 265W Third World Development 4 Sem Hrs**  
Using a multidisciplinary approach, describes and analyzes processes and conditions which created and maintain the "third world." Addresses population, physical environment, historical, political, social and economic factors. Explores and applies current concepts and development theories. Credit may be earned in SOC 265 or GEO 255, but not in both. (60-0)

**SOC 268 International Studies in Sociology 1-4 Sem Hrs**  
The student will select a major institution of society for the purpose of comparative study. An analysis and comparison of that institution in preselected societies will be the major focus of the course. Includes classroom lectures, individual consultation and international field study. Expenses for field study must be borne by the student. By prior arrangement with appropriate faculty, students may also take International studies in the following disciplines: GEO 268, ECN 268, MGT 268 (or former GB268). (60-0)

**SOC 279W Introduction to Social/Behavioral Science Research 3 Sem Hrs**  
Prerequisite: One of the following courses ECN 221, POL 103, POL 111, PSY 211, SOC 211, or permission of instructor. Introduces social and behavioral research utilizing a multidisciplinary approach. Shows how to formulate research questions, search the literature, select a research design, collect and analyze data, and draw useful conclusions. Credit may be earned in SOC 279 or SOC 280, but not in both. (45-0)

**SOC 280HW Introduction to Social/Behavioral Science Research/Project - Honors 4 Sem Hrs**  
Prerequisites: LEVEL 4 READING and LEVEL 2 WRITING and permission of the Honors Office and concurrent enrollment in SOC 281 and one of the following courses: ECN 221, POL 103, POL 111, PSY 211, SOC 211, or permission of the instructor. Introduces social and behavioral research utilizing a multidisciplinary approach. Shows how to formulate research questions, search the literature, select a research design, collect and analyze data, and draw useful conclusions. Requires a research paper. Provides opportunities to engage in independent intellectual inquiry to foster deeper learning. Credit may be earned in only one of SOC 280, SOC 280H, or SOC 279. (60-0)

**SOC 280W Introduction to Social/Behavioral Science Research/Project 4 Sem Hrs**  
Prerequisite: Concurrent enrollment in SOC 281 and one of the following courses: ECN 221, POL 103, POL 111, PSY 211, SOC 211, or permission of instructor. Introduces social and behavioral research utilizing a multidisciplinary approach. Shows how to formulate research questions, search the literature, select a research design, collect and analyze data, and draw useful conclusions. Requires a research paper. Credit may be earned in only one of SOC 280, SOC 280H, or SOC 279. (60-0)

**SOC 281W An Introduction to SPSS 1 Sem Hr**  
Prerequisite: Concurrent enrollment in SOC 280, or permission of instructor. Introduces the Statistical Package for the Social Sciences (SPSS), a comprehensive set of statistical tools for many types of data analysis. Emphasizes the basic procedures, commands, and tools of SPSS. Credit may be earned in SOC 281 or CPS 108 but not in both. (15-0)

**SOC 282HW Seminar in Social Issues - Honors 3 Sem Hrs**  
Prerequisite: LEVEL4 READING and LEVEL2 WRITING and permission of the Honors Office. An integrated study involving exploration and development of critical thinking, analysis and problem-solving skills with an interdisciplinary approach focusing on a selected social issue. Provides opportunities to engage in independent intellectual inquiry to foster deeper learning. Same as IHU 282HW and may be taken for SOC or IHU credit but not both. (45-0)

**SOC 290-299 Special Projects in Sociology Sem Hr**

**SOC 300W Interviewing, Counseling, and the Helping Relationship 3 Sem Hrs**  
Prerequisite: ENG 111 or ENG 111A or ENG 111H with a "C" or better. Establishes beginning social work interviewing and relationship skills as well as awareness of the use of self in the helping relationship. Presents specific interviewing strategies for generalist social work practice. Includes student participation in practice sessions using role plays, videotapes and self awareness exercises. Provides opportunities to practice formal and informal writing. Credit may be earned in PSY 300 or SOC 300 but not in both. (45-0)

## Spanish

**SPA 101 Hispanic Civilizations 2 Sem Hrs**  
An introduction to some basic concepts concerning educational systems, religious thought, marriage customs, attitudes toward death, role of man and woman, historical highlights, cultural and natural resources, and relevant contributions in the area of art, music, literature, foods, and clothing of the Spanish-speaking world (Europe, the Americas, and the U.S.A.). Course will be conducted in English. (30-0)

**SPA 105 Conversational Spanish - Introduction 2 Sem Hrs**  
Prerequisite: No previous formal study of Spanish. Designed to emphasize the acquisition of oral skills. Successful completion of SPA 105 and 106 is considered equivalent to the successful completion of Spanish One. (30-0)

**SPA 106 Conversational Spanish - Continuation 2 Sem Hrs**  
Prerequisite: SPA 105 or permission of instructor. A continuation of SPA 105 with more emphasis on reading and writing Spanish. Successful completion of SPA 105 and 106 is considered equivalent to the successful completion of Spanish One. (30-0)

**SPA 109 Spanish for Health Care Professionals I 2 Sem Hrs**  
Prerequisite: READING LEVEL 5 and SPA 111 or some High School or College Spanish, or permission of instructor. Introduces basic conversational Spanish for health care personnel. Practices basic conversational skills and vocabulary appropriate to various job related situations. Practices correct pronunciation patterns by means of oral-aural practice, small group interaction, and role-playing situations. Introduces certain aspects of Hispanic culture and some of the differences between the Spanish and the English languages. (30-0)

**SPA 110 Spanish for Health Care Professionals II 2 Sem Hrs**  
Prerequisite: READING LEVEL 5 and SPA 109, or permission of instructor. Continues to introduce basic conversational Spanish for health care personnel. Practices basic conversational skills and vocabulary appropriate to various job related situations. Practices correct pronunciation patterns by means of oral-aural practice, small group interaction, and role-playing situations. Continues introduction to certain aspects of Hispanic culture and to some of the differences between the Spanish and the English languages. (30-0)

**SPA 111 Spanish One 4 Sem Hrs**  
Prerequisite: READING LEVEL 5 and no previous formal study in Spanish, or departmental approval. Introduces basic grammatical structures and vocabulary of modern spoken and written Spanish and correct pronunciation patterns by means of oral-aural practice, small group interaction, reading of simple texts, and written exercises. Introduces certain aspects of Hispanic culture and the differences between the Spanish and the English languages. Requires supplemental (outside of class) listening, reading, speaking, and written work using ancillary materials and the textbook's Internet site. (60-0)

**SPA 112 Spanish Two 4 Sem Hrs**  
Prerequisite: READING LEVEL 5 and SPA 111, or one semester college-level Spanish course, or one year of High School Spanish, or permission of instructor. Continues to introduce students to the basic grammatical structures and vocabulary of modern spoken and written Spanish and to correct pronunciation patterns by means of oral-aural practice, small group interaction, reading of simple texts, and written exercises. Continues introduction of certain aspects of Hispanic culture and differences between the Spanish and the English languages. Requires supplemental (outside of class) listening, reading, speaking, and written work using ancillary materials and the textbook's Internet site. (60-0)

**SPA 211 Spanish Three 4 Sem Hrs**  
Prerequisite: READING LEVEL 5 and SPA 112, or 2 semesters of college-level Spanish, or two years of High School Spanish, or permission of instructor. This third semester course continues to introduce the basic grammatical structures and vocabulary of modern spoken and written Spanish and correct pronunciation patterns by means of oral-aural practice, small group interaction, reading of simple texts, and written exercises. Continues introducing certain aspects of Hispanic culture and differences between the Spanish and the English languages. Conducts class in Spanish as much as possible. Requires supplemental (outside of class) listening, reading, speaking, and written work using ancillary materials and the textbook's Internet site. (60-0)

**SPA 212 Spanish Four 4 Sem Hrs**  
Prerequisite: READING LEVEL 5 and SPA 211, or three semesters of college-level Spanish, or three years of High School Spanish, or permission of instructor. Instructs at the Intermediate level. Increases and expands vocabulary and written and verbal accuracy and fluency through a review of grammar covered in previous courses. Increases ability to understand written and spoken Spanish. Provides the opportunity to deepen cultural awareness and sensitivity, as well as expand awareness of the cultural richness and diversity that characterizes the Hispanic world. Conducts course in Spanish. Requires supplemental (outside of class) listening, reading, speaking, and written work using ancillary materials and the textbook's Internet site. (60-0)

**SPA 268 International Studies in Spanish 1-4 Sem Hrs**  
Studies ancient, colonial and modern civilization in a Spanish-speaking country. Visits archeological and historical sites with unassigned time for individual interests. Student must meet all course and travel requirements in addition to paying tuition and expenses. (60-0)

**SPA 275 Introduction of Hispanic Fiction 3 Sem Hrs**  
Prerequisite: Ability to speak and read Spanish (completion of fourth year of high school Spanish or fourth semester of college Spanish, or permission of the instructor). Reading, research, and discussion based on a study of representative literature of the Hispanic world (Europe, North America, and South America). Students will read, discuss, and write about three selected novels and/or plays under guided supervision. Course will be conducted in Spanish. (45-0)

**SPA 290-299 Special Projects in Spanish Sem Hr**

## Social Science Interdisciplinary

### SSI 110W Introduction to Genealogy 1 Sem Hr

Introduces and broadly examines genealogy from an interdisciplinary perspective. Examines family and ethnic history and pursues family history for personal and professional growth. Covers research methods, record keeping, and problem solving. Emphasizes the use of archival and printed sources, and the Internet. Credit may be earned in SSI 110 or IHU 110 but not in both. (15-0)

### SSI 120W Introduction to Global Peace Studies 3 Sem Hrs

Prerequisites: READING LEVEL 2 or WRITING LEVEL 2. Provides an interdisciplinary foundation for global peace studies. Focuses on identifying the various factors that interact to generate peace and/or conflict at the personal, local, national, and international levels. Includes analysis of how the interaction of economic and political influences, as well as the availability of environmental resources and cultural norms and values can result in peace or conflict. Explores and applies to case studies the distinction between positive and negative peace and methods of conflict analysis and resolution. Provides participation in cross-cultural training and mediation, as well as practices designed to enhance emotional self-regulation and perspective-taking, skills necessary for effecting positive change in the world. (45-0)

### SSI 232W Exploring Human Nature 3 Sem Hrs

Prerequisite: A "C" grade or better in a college level composition I course and WRITING LEVEL 4. Explores the question "What does it mean to be human?" from interdisciplinary perspectives. Identifies and discusses the relative importance of traits and characteristics that "make us human." Examines and evaluates major traditional and contemporary views of human nature and introduces alternative ways of understanding the self in relation to nature, society, religion, and the state. Credit may be earned in only one of IHU 232, SSI 232, or PSY 232. (45-0)

### SSI 234W World Religions 4 Sem Hrs

Prerequisites: READING LEVEL 2 or WRITING LEVEL 2. Introduces religion and the primary "living" religions of the world. Examines the principles and functions of religion, the origins and cultures of the world's major religions, and their beliefs and primary rituals practices. Discusses and critically examines how religious belief systems and practices influence the thoughts and behaviors of adherents in everyday life. Credit may be earned in SSI 234 or IHU 234 but not in both. (60-0)

### SSI 240W Leadership for Positive Change 3 Sem Hrs

Prerequisites: READING LEVEL 2 or WRITING LEVEL 2. Prepares students to lead positive change in a variety of contexts (personal, family, community/social and organizational). Includes: leadership development, problem solving, service learning, team work, global citizenship, sustainability, and social action. Provides opportunities for individual practice and reflection and requires "change" project in service to family, community, or place of employment. (45-0)

### SSI 268W International Studies in Social Science 1-4 Sem Hrs

Provides interdisciplinary examination through the Social Sciences of the human experience in another social and cultural context. Requires travel and foreign study with travel expenses borne by the student. (15-60, 0)

### SSI 288W Exploring Diversity 2 Sem Hrs

Prerequisites: LEVEL 2 Reading and LEVEL 2 Writing. Provides a foundation in knowledge and application of issues and principles surrounding diversity. Provides an opportunity to explore, reflect and practice an interdisciplinary approach to the study of diversity. Credit may be earned in only one of the following: SSI 288, SSI 289, ED 388, ED 389, IHU 280 or IHU 281. (30-0)

### SSI 289HW Exploring Diversity with project - Honors 3 Sem Hrs

Prerequisites: LEVEL 4 READING and LEVEL 2 WRITING and permission of the Honors Office. Provides a foundation in knowledge and application of issues and principles surrounding diversity. Provides an opportunity to explore, reflect and practice an interdisciplinary approach to the study of diversity. Includes completion of project. Provides opportunities to engage in independent intellectual inquiry to foster deeper learning. Credit may be earned in only one of the following: SSI 288, SSI 289, ED 388, ED 389, IHU 280 or IHU 281. (45-0)

### SSI 289W Exploring Diversity/With Project 3 Sem Hrs

Prerequisites: LEVEL 2 Reading and LEVEL 2 Writing. Provides a foundation in knowledge and application of issues and principles surrounding diversity. Provides an opportunity to explore, reflect and practice an interdisciplinary approach to the study of diversity. Includes completion of project. Credit may be earned in only one of the following: SSI 288, SSI 289, ED 388, ED 389, IHU 280 or IHU 281. (45-0)

### SSI 290-299 Special Projects in Social Science Interdisciplinary

#### SSI 294W Special Projects: The Great Lakes Indians and European Experience 3 Sem Hrs

Prerequisites: READING LEVEL 2 or WRITING LEVEL 2. Examines American Indian history and culture in the Great Lakes from pre-contact to 1934. Considers and explores the approaches of studying Native Americans from a historical and sociological perspective; including the political, cultural, and social consequences of contact with Europeans. Provides a thorough historical and cultural background of the Great Lakes Indians, specifically the "People of the Three Fires," known as the "Anishnaabeg" and "People of the Calumet" of the Great Lakes. Credit may be earned in SSI 294 or IHU 294 but not both. (45-0)

#### SSI 295W Special Projects in Interdisciplinary Social Science - The Sixties 3 Sem Hrs

Prerequisite: A "C" grade or better in a college level composition I course and WRITING LEVEL 2 or permission of instructor. Examines, through an interdisciplinary approach, the literature, film, music and other types of media of 1960s America and explores their interrelationships with history, psychology, sociology and philosophy to discover the causes and effects of the upheaval of the era. Discusses the social movements of the era and the changes in the way democracy has been perceived. Credit may be earned in IHU 295W or SSI 295W but not both. (45-0)

## Surgical Technology

### ST 100 Introduction to Health Care Service 3 Sem Hrs

Prerequisite: BIO 152 and BIO 153 or BIO 152 and concurrent enrollment in BIO 153. Presents the history of medicine, epidemiological methods, and current problems and trends in the health care system. Discusses selected global health care issues are discussed. Includes professional, legal, and ethical aspects of a multidisciplinary care system. (45-0)

### ST 207 Pharmacology in the Operating Room 2 Sem Hrs

Prerequisites: Admission to the Surgical Technology program and concurrent enrollment in ST 210, ST 220, ST 230, and ST 240. Introduces anesthetic agents and other drugs commonly used in the perioperative setting: their uses, methods of administration, physiologic effects, and hazards or untoward effects. Credit may be used in ST 107 or ST 207 but not in both. (30-0)

### ST 210 The Surgical Patient 2 Sem Hrs

Prerequisites: Admission to the Surgical Technology program and concurrent enrollment in ST 207, ST 220, ST 230, ST 240. Introduces basic concepts of operative patient care, such as preparation of a patient for surgery, patient transportation, surgical incisions, wound healing, operative records, special procedures in the operating room, and the legal, moral and ethical responsibilities of surgical care. Credit may be earned in ST 110 or ST 210 but not in both. (30-0)

**ST 220 Fundamentals of Surgical Technology 6 Sem Hrs**  
Prerequisites: Admission to the Surgical Technology program and concurrent enrollment in ST 207, ST 210, ST 230, and ST 240. Demonstrates fundamental principles of operating room function: roles of surgical team members, sterilization and disinfection methods, aseptic technique, surgical instruments, sutures and equipment, electrical safety, patient positioning and preparation, draping the sterile field, and care of supplies. Develops beginning technical skills through laboratory practice; later, operating room observational experiences are provided. Credit may be earned in ST 120 or ST 220 but not in both. (45-120)

**ST 230 Surgical Anatomy 4 Sem Hrs**  
Prerequisites: Admission to the Surgical Technology program and concurrent enrollment in ST 207, ST 210, ST 220, and ST 240. Presents comprehensive regional study of human anatomy as encountered during surgery. Provides the basis for studies of surgical pathology, operative procedures and practical skills of surgical patient care. Credit may be earned in ST 130 or ST 230 but not in both. (45-45)

**ST 240 Operative Procedures 4 Sem Hrs**  
Prerequisites: Admission to the Surgical Technology program and concurrent enrollment in ST 207, ST 210, ST 220, and ST 230. Studies selected commonly-performed types of surgical procedures. Discusses the pathology leading to surgical invention, the purposes of the surgery, problems which may arise, and the consequences of the surgery for the patient, in addition to the basic techniques utilized during the procedure and any special instrumentation and supplies. Credit may be earned in ST 140 or ST 240 but not in both. (60-0)

**ST 250 Clinical Externship 12 Sem Hrs**  
Prerequisites: ST 207, ST 210, ST 220, ST 230, ST 240, each with a minimum C (2.0) grade, and consent of the Program Coordinator. Gains supervised clinical experience in hospital operating room suites. Evaluates each student's progress in the theoretical, behavioral, and practical application of concepts of surgical technology. Credit may be earned in ST 200 or ST 250 but not in both. (0-540)

**ST 251W Operating Room Seminar 3 Sem Hrs**  
Prerequisite: ST 207, ST 210, ST 220, ST 230, and ST 240, each with a minimum "C" (2.0) grade, and consent of the Program Coordinator. Discusses patient-monitoring devices and diagnostic tests, abnormalities and correlations with surgical patient conditions, and surgery for traumatic injuries. Includes discussion of students' clinical experiences, the professional role of the Surgical Technologist, general review, and assigned research studies. Credit may be earned in ST 201 or ST 251 but not in both. (45-0)

**ST 290-299 Special Projects in Surgical Technology**

## Technical Trades Interdisciplinary

**TTI 100W Introduction to Sustainability 3 Sem Hrs**  
Prerequisite: READING LEVEL 2 or WRITING LEVEL 2. Explores the many facets of sustainability. Investigates how social, economic, and environmental activities shape all aspects of our planet. Develops sustainability literacy by studying, in a multidisciplinary framework, the interdependence of humans and the environment within historical and current contexts. Explores the working definition of sustainability and relationships among social, economic and environmental factors. (45-0)

**TTI 101 Exploring Careers in Technology, Trades and Manufacturing 2 Sem Hrs**  
Emphasizes career education in the Technical, Trades and Manufacturing disciplines including opportunities, wages, working conditions, and curriculum. Includes hands-on projects in each of the disciplines. (15-15)

**TTI 110 Sustainable Building Principles 2 Sem Hrs**  
Discusses sustainable (green) building concepts including rating systems such as LEED for Homes and NAHB Model GREEN Home Building. Follows green building from design and site selection to the finishes used, with special emphasis on current case studies, the economics of green building, benefits and barriers, and sources of information. (30-0)

**TTI 120 Energy Auditing and Weatherization 3 Sem Hrs**  
Provides training in the principles of energy auditing and weatherization inspection. Covers the principles of energy, energy and the building shell, energy auditing, air leakage, insulation, windows and doors, heating and cooling systems, indoor air quality, lighting and appliances, and water heating. Provides training to conduct energy audits and use this data to form a cost effective weatherization plan. Begins steps in acquiring knowledge for those considering energy auditing certification. (35-10)

## Welding Engineering Technology

**WELD 101 Exploratory Oxy-Fuel Welding and Cutting 1 Sem Hr**  
Addresses safety in the use of oxy-fuel gas equipment and equipment set-up. Explores oxy-fuel welding and brazing of flat strips 1/8" or less in thickness, and cutting plate in laboratory experience. Intended for non-welding majors. (10-5)

**WELD 102 Exploratory Shielded Metal Arc Welding 1 Sem Hr**  
Addresses safety in arc welding, welding terms and definitions and electrode selection. Includes striking an arc and running boards.

**WELD 103 Introduction to Plasma, Carbon Arc, and Fuel Gas Cutting 3 Sem Hrs**  
Addresses safety in use of equipment for oxy-fuel gas welding and cutting, and equipment set-up. Include oxy-fuel welding of flat strips 1/8" or less in thickness, and cutting, beveling, and piercing plate and pipe in laboratory experience. Credit may be earned in one of the following courses WELD 103, SKWL 103, or SKWL 101 but not in more than one. (30-15)

**WELD 104 Introduction to Shielded Metal Arc Welding 3 Sem Hrs**  
Addresses safety in arc welding, welding terms and definitions, electrode selection, and welding joints. Includes striking an arc, running beads, pad welding, and fillet welds in lab. Credit may be earned in either WELD 104 or SKWL 104 but not both. (30-15)

**WELD 106 Exploratory Gas Tungsten Arc Welding 1 Sem Hr**  
Discuss general safety, Gas Tungsten Arc Welding (GTAW) safety, welding terms and definitions, filler metal, electrode and gas selection. Includes laboratory exercises in starting an arc and running bead on plate. (10-5)

**WELD 108 Exploratory Gas Metal Arc Welding 1 Sem Hr**  
Discusses general safety, Gas Metal Arc Welding (GMAW) safety, welding terms and definitions, electrode and gas selection. Includes laboratory exercises in starting an arc and running beads. (10-5)

**WELD 114W Intermediate Shielded Metal Arc Welding 8 Sem Hrs**  
Discusses Shielded Metal Arc Welding (SMAW) safety, welding terms and definitions, welding electronics, and welding joints. Includes laboratory exercises in groove welds in fixed positions. (60-60)

**WELD 120 Beginning Industrial Blueprint Reading 2 Sem Hrs**  
Includes manipulation of basic fractions and decimals as applied to the reading of blueprints, reading measuring instruments, basic geometric figures, drafting and blueprinting procedures, basic orthographic projection auxiliary and sectional views, detail and assembly drawings, dimensioning and tolerances, title block, change block, list of materials, and notes. Credit may be earned in WELD 120 or DRF 120 but not both. (30-0)

**WELD 122 Blueprint Reading for Welders and Fabricators 2 Sem Hrs**

Prerequisite: WELD 120 or DRF 120 or DRF 121 or SKDR 101. Applies principles specifically designed for welders and fabricators working with welding drawings. Interprets basic blueprint information, orthographic projection, assembly drawings, and geometric tolerancing. Places emphasis on welding symbols and welding drawings. Credit may be earned in WELD 122 or DRF 122 but not both. (30-0)

**WELD 220 Weld Qualification-Plate 4 Sem Hrs**

Prerequisites: WELD 114 and WELD 235 with a "C" (2.0) in each class or better. Teaches welding safety, welding terms and definitions, welding electronics, and AWS welder performance testing procedures. Includes qualification tests in the 3G and 4G positions as laboratory exercises. (15-45)

**WELD 224W Advanced Shielded Metal Arc Welding 8 Sem Hrs**

Prerequisite: WELD 114 with a C (2.0) average. Discusses Shielded Metal Arc Welding (SMAW) safety, nominal pipe size and thickness standards, and welding joints. Includes laboratory exercises in groove welds on pipe in fixed positions. (60-60)

**WELD 226W Gas Tungsten Arc Welding 8 Sem Hrs**

Discusses general safety, Gas Tungsten Arc Welding (GTAW) safety, welding terms and definitions, filler metal, electrode and gas selection, nominal pipe size and thickness standards, and welding joints. Includes laboratory exercises in starting an arc, running beads, pad welding, and groove welds on plate and pipe in fixed positions. (60-60)

**WELD 235W Gas Metal Arc Welding 8 Sem Hrs**

Discusses general safety, Gas Metal Arc Welding (GMAW) safety, welding terms and definitions, electrode and gas selection, nominal pipe size and thickness standards, and welding joints. Includes laboratory exercises in starting an arc, running beads, pad welding, and groove welds on plate and pipe in fixed positions. (60-60)

**WELD 290-299 Special Projects in Welding  
Sem Hr**

## Water Environment Technology

**WET 110 Water Treatment Technologies 3 Sem Hrs**

Studies conventional water treatment processes. Includes preliminary treatment, coagulation and flocculation, sedimentation and clarification, filtration, and disinfection. Includes tours of municipal water treatment facilities and related field discussions. Credit may be earned in WWT 110 or WET 110, but not in both. (45-0)

**WET 112 Wastewater Treatment Technology 3 Sem Hrs**

Provides an introduction to the causes of water pollution, the reasons for treating polluted waters and the fundamentals of wastewater treatment. Studies the basic principles of treatment plant operation and the processes commonly used in pollution control facilities. Investigates terms, mathematics and problem solving techniques commonly used by wastewater treatment personnel. Credit may be earned in WWT 112 or WET 112, but not in both. (45-0)

**WET 210 Advanced Wastewater Treatment Technologies 3 Sem Hrs**

Prerequisites: WET 112 and MATH LEVEL 6 or permission from instructor. Discusses wastewater treatment technologies beyond conventional processes. Includes the processes and techniques commonly used for advanced wastewater treatment, disinfection, solids stabilization and disposal, nutrient reduction and toxics removal. Includes field tours and discussion of safety and health, sampling procedures, record keeping, data preparation and report writing, and analytical procedures used to determine optimal plant operation and compliance with regulatory requirements. (45-0)

**WET 212 Advanced Water Treatment Technologies 3 Sem Hrs**

Prerequisites: WET 110 and MATH LEVEL 6 or permission of instructor. Considers drinking water treatment technologies beyond conventional processes. Includes softening, ion exchange, activated carbon absorption, aeration, air stripping, and membrane processes. Includes participation in field tours and discussions on safety and health, sampling procedures, record keeping, data preparation, report writing and the analytical procedures used to determine and measure drinking water quality. (45-0)

**WET 215 Water Quality Analysis And Wet Instrumentation 3 Sem Hrs**

Prerequisites: WET 110 and WET 112 and CHM 105 or CHM 111 and MATH LEVEL 6 or permission of the instructor. Investigates conventional water and wastewater laboratory test procedures, with particular emphasis on those analytical techniques that require an understanding and practical use of laboratory instrumentation. Water Quality Lab tests include BOD, TSS, temperature, DO, pH, conductivity, TDS, total and volatile solids, alkalinity, TRC, and others common to the daily operation of both drinking water and wastewater plants; includes discussions of basic stream ecology and applied environmental science principles. Instrumentation Lab includes the use of pH, millivolt and specific ion meters and probes and an introduction to Spectrophotometry, atomic absorption (AA), and gas chromatography/mass spectrometry (GC/MS). Includes field tours of municipal water and wastewater treatment facility labs and related field study discussions. (30-30)

**WET 220 Water Microbiology 3 Sem Hrs**

Prerequisites: WET 210 and WET 212 and WET 215 or permission from instructor. Investigates more advanced water quality analytical techniques and the microbiology of water, including microscopic examination and identification of microorganisms commonly found in water supplies, water and wastewater treatment processes and polluted bodies of water. Water Quality Analysis lab work involves more advanced analytical procedures to determine nutrients, heavy metals and toxic materials. Focuses on lab safety and health, proper lab technique, representative sampling procedures, record keeping, data preparation and handling, and report writing. Continues field studies and analysis using Atomic Absorption and/or Gas Chromatography/Mass Spectrometer instruments. Includes lab work involving organisms commonly found in water and wastewater samples and with specific bacteriological analytical techniques. (30-30)

**WET 230 Water/Wastewater Utility Management 3 Sem Hrs**

Prerequisites: WET 110 and WET 112 or permission of instructor. Investigates, in depth, the management elements of planning, organizing, staffing, directing and controlling as they relate to the management, supervision and administration of Water and Wastewater facilities. Presents management styles, problem recognition and problem solving techniques, budget and report preparation activities, federal and state regulatory issues, employee/employer (labor/management) relations and leadership topics. (45-0)

**WET 240 Applied Hydraulics 3 Sem Hrs**

Prerequisite: MATH LEVEL 6 or permission of instructor. Studies applied hydraulic principles utilized in water distribution and wastewater collection systems. Includes pumpage, headloss, piping, valving, metering, cross connection control, storage, corrosion, and an introduction to hydraulic modeling. Discusses the principles of force, pressure, hydraulic grade line, and pump curves. Includes tours of municipal/industrial water pump stations and storage reservoirs and related field discussions. Credit may be earned in WWT 240 or WET 240, but not in both. (45-0)

**WET 244 Water/Wastewater Utility Equipment Maintenance 3 Sem Hrs**

Prerequisite: WET 110 or WET 112. Provides the student with basic knowledge of mechanical equipment and repair techniques used in both water and wastewater facilities. Uses shop drawings and blueprints during disassembly and reassembly of a variety of mechanical devices. Studies pumps, valves, piping systems, and chlorination equipment. Credit may be earned in WWT 244 or WET 244, but not in both. (45-0)

**WET 246 Water/Wastewater Utility Electrical Maintenance 2 Sem Hrs**

Prerequisite: WET 110 or WET 112. Studies basic electricity and instrumentation utilized in water and wastewater treatment facilities. Emphasizes the use of testing equipment to troubleshoot electrical and instrumental failures, maintenance problems, and evaluation of equipment performance. Includes discussion of energy conservation methods. Credit may be earned in WWT 246 or WET 246, but not in both. (30-0)

**WET 265 Practicum In Water/Wastewater Treatment 4 Sem Hrs**

Prerequisites: WET 210, WET 212, WET 215, WET 244, WET 246, each with a minimum "C" (2.0) grade, and must be taken during final semester with permission of program director. Provides opportunities to perform technical procedures through structured field experience in water and wastewater treatment plants. Emphasizes gaining experience under plant managers and operating personnel with goal of developing organizational skills and responsibility necessary for entry-level employment. Uses rotation through assigned areas of experience in water treatment for 160 hours and continuous experience in wastewater treatment for 160 hours of in-plant services for total of 320 hours minimum required. Credit may be earned in WWT 265 or WET 265, but not in both. (0-320 OJT)

**WET 290-299 Special Projects in Water Environment Technology**

## Wind Turbine Technology

**WTT 100 Introduction to Wind Energy 3 Sem Hrs**

Prerequisite: MATH LEVEL 6. Introduces students to the fundamental concepts of turning energy from the wind into electricity. Explores the history and projected future of producing energy from the wind. Identifies the various scales of wind turbines, design types and requirements, and their major subcomponents. Performs a general analysis of sites where wind turbine installations are developing, along with analyzing Federal and State policies regarding the production of power from large-and small- scale wind turbines. (45-0)

**WTT 110 Climb Safety and Rescue Safety Training 2 Sem Hrs**

Prerequisite: MATH LEVEL 6 and LWT 165. Identifies industry safety standards and regulatory requirements for fall hazards associated with wind turbine maintenance activities. Identifies the function and use of basic fall protection equipment and also selects, inspects, assembles, and uses fall protection and rescue equipment. Upon completion of this course, participants will be capable of using a planned approach to tower climbing and rescues using state-of-the art techniques and equipment. (15-15)

**WTT 120 Wind Turbine Mechanical Systems 3 Sem Hrs**

Prerequisites: MT 151, MT 161 each with a grade of "C" or better: Identifies and explains the operation and construction of wind turbine mechanical systems. Explains preventative maintenance activities and lubrication requirements while emphasizing potential mechanical failures that are associated with the maintenance activities. Provides opportunities to inspect, disassemble, and reassemble wind turbine mechanical systems. Demonstrates proper lubrication and preventative maintenance techniques along with applicable mechanical repair procedures. (30-15)

**WTT 215 Wind Turbine Blade Design 2 Sem Hrs**

Prerequisite: WTT 120 with a grade of "C" or better. Prepares for working with wind turbine blades to include terms, manufacture and identification of necessary repairs of wind turbine blades to ensure effective and efficient operation. Studies the facets of the blades of the wind turbine industry. Covers the aerodynamic basics of the turbine blades using the wind to convert one form of energy to another. Studies composite materials as they are used in the manufacturing process of wind turbine blades. Explores modes of blade failure and identification. (15-15)

**WTT 230 Wind Turbine Schematics 1 Sem Hr**

Prerequisite: WTT 120 with a grade of "C" or better. Identifies National and European schematic symbols, analyzes operating characteristics, and explains the operation of interrelated wind turbine systems. Covers applied schematics as well as the overall operation of a wind turbine. (15-0)

**WTT 240 Power Generation, Transmission, and Distribution 3 Sem Hrs**

Prerequisite: ET122, ET140 each with a grade of "C" or better. Identifies and explains the regulatory requirements as well as the risks and hazards associated with working on high voltage systems. Applies three-phase electrical power generation characteristics to utility scale transformers, relays, capacitors, switchgear, and related components for both common Delta and Wye configurations. (45-0)

**WTT 280 Fundamentals of Data Acquisition 2 Sem Hrs**

Prerequisite: ET122, ET130 each with a grade of "C" or better. Examines how wind resource data is collected and analyzed for use in the development of wind powered generation of electricity. Identifies and explains the function and operation of sensors and transducers. Develops skills of selecting, connecting, and operating sensors and transducers in an industrial environment in order to perform maintenance actions. (15-15)



# Regulations and References



# Student Rights & Responsibilities

In joining the academic community, students enjoy the right of freedom to learn and share the responsibility in exercising that freedom. Students are expected to conduct themselves in accordance with standards which are designed to perpetuate the educational purposes of the College.

The College has developed procedures and channels by which students may have a fair and objective hearing for their grievances in regard to academic evaluation, students' rights and privacy, and disciplinary action. Students have the right of protection against prejudice, capricious academic evaluation, or loss of personal rights and freedom. At the same time, however, students are responsible for maintaining standards of academic performance established for each course in which they are enrolled and for following the rules of conduct established by the College.

## Student Rights of Association and Expression

- A. Students are free to organize and join associations to promote their common interests. In order to use College facilities and resources and to request financial assistance, student groups are required to register with the Student Engagement Office, submitting a statement of purpose and a current list of officers or designated representatives. Groups are also encouraged to choose a faculty or staff advisor to assist them.
- B. Students and student organizations are free to examine and discuss all questions of interest to them and to express opinions publicly and privately, including their views on issues of College policy.
- C. Generally, students or student organizations may distribute written material without prior approval. Hand-to-hand distribution shall be permitted in areas of public passage (commons, hallways, sidewalks, etc.), providing distribution does not interfere with normal College activity or routine. Posting and other types of distribution shall be limited to those places established by written College regulations. For more information see "Public Information Posting Guidelines" in this section.
- D. Students and student organizations are free to invite speakers, to hear any person, and to plan programs of their own choosing subject only to those written requirements established by the College to ensure proper scheduling and use of facilities.
- E. No policy, procedure, or guideline of Delta College shall discriminate on the basis of the political, social, or other opinions of students individually or collectively.
- F. No record will be kept by Delta College which reflects the lawful political activities or beliefs of students, unless requested by the student in writing. Information about a student's views, beliefs, and/or political associations acquired by the faculty or other College employees in the normal course of their work will be considered confidential and will not be disclosed without the knowledge and consent of the student unless under legal compulsion.
- G. Nothing in this policy shall be construed to imply approval or endorsement by Delta College of the views expressed by students or student organizations.
- H. Nothing in this policy shall be construed to relieve any person of obligations under Regulations and Rules of Conduct.

## Regulations and Rules of Conduct

### I. Introduction

- A. **General Responsibility:** Delta College has the responsibility to adopt and enforce rules which are consistent with Delta College goals and operations and to establish due process procedures in disciplinary cases.

- B. **Authority to Establish Standards of Conduct:** Standards of conduct are established by rules of the College, as adopted by the Board of Trustees, and made known through College publications or by notices distributed or prominently posted on College Bulletin Boards; and by laws of the United States, State of Michigan and County of Bay (public laws).

Except in the case of interim or emergency rules as granted by Michigan Public Act No. 26 of 1970, such regulations shall be established and amended with the advice of the College Senate. Final authority is through either the Delta College Board of Trustees or the laws of the United States, State of Michigan, or County of Bay.

- C. **Individual Responsibility:** An individual having an institutional relationship to Delta College (members of College community) is automatically placed under the rules of the College. "Institutional relationship to the College" means any connection of employment, enrollment, or service existing between any person and Delta College. As used herein, this phraseology is intended to prevent the application of these rules to purely personal or social relationships between or among students, faculty members, administration, or staff members outside the College proper. It is therefore important for all members of the College community to familiarize themselves with the rules and regulations affecting them.
- D. **Effect of Violating Rules:** A member of the College community violating any of the rules of the College or a public law, on-Campus or off-Campus, at a Delta College-sponsored activity, is subject to disciplinary action by Delta College that is appropriate to the nature of the offense. Such disciplinary action will be taken in accordance with the procedures governing cases of violations as outlined in the Delta College judicial process. For more information see "Student Violation of College Rules and Regulations" in this section.
- E. **Reports of Violations:** Reporting of violations shall be within the province of all members of the College community, because they have a common responsibility in maintaining an orderly and efficient community for their mutual benefit. Violations may fall in one of several categories: 1. Minor offenses which are dealt with by reprimand; 2. Violations by students which are to be reported to the Office of the Vice President of Student Services; 3. Violations by faculty or staff members which are to be reported to the Office of the President; and 4. Civil or criminal violations which are to be reported to the Department of Public Safety.
- F. **Severance Provision:** If any of the foregoing rules or any part of any such rule shall be adjudged invalid by a court of competent jurisdiction, then such adjudication shall not affect the validity of these rules as a whole or any provision or part of any such rules not so adjudged invalid.

### II. Rules and Regulations

- A. **Physical Force:** No member of the College community shall use physical force, threaten physical force, or use intimidation against any person engaged in an activity properly undertaken as part of an institutional relationship of the College except as permitted under normal law enforcement procedures.
- B. **Disruption:** No member of the College community shall interfere with a College function by depriving any person of needed safety, quiet, or other physical conditions of work or study.
- C. **Interference:** No member of the College community shall interfere with the free movement of any person engaged in an activity properly undertaken as part of an institutional relationship to the College.
- D. **Compliance:** In keeping with the system of voluntary compliance that underlies the College Regulations and Rules of Conduct, no member of the College community shall fail to follow the reasonable

instructions given by an appropriate College official to cease specified conduct, if such conduct threatens disruption or interference with the rights of others, College discipline, College functions, and/or order in the College community.

- E. **Identification:** No member of the College community shall refuse to provide identification when requested to do so by an identified employee of the College.
- F. **Forbidden Occupation:** No member of the College community shall, subsequent to reasonable notice to leave given by the College President or the authorized designee, continue occupation of any College facility or property which is under the direct control or responsibility of the College, especially if such occupation interferes with a College function or risks injury to a person or property.
- G. **Facility Entry and Usage:** No member of the College community shall gain or attempt to gain unauthorized entry to or make unauthorized use of the College facilities or property.
- H. **Property:** No member of the College community shall damage, deface, destroy, steal, or misappropriate the property of the College, any member of the College community, or any visitor to the College Campus.
- I. **Unauthorized use of College Credit, Property, Etc.:** No unauthorized member of the College community shall use the College telephones, postal machines and meters, duplicating machines, computer, motor vehicles, or other equipment. This provision shall be deemed to also include College billing, charging, and credit card numbers utilized for communications or transportation purposes. Further it shall be a violation for any member of the College community who has not been issued a key by the College to possess or use College keys for any purpose whatsoever.
- J. **Counterfeiting, Altering, and Copying:** No member of the College community, shall falsely make, forge, manufacture, print, reproduce, copy, tamper with, or alter any writing, document, record, or identification used or maintained by the College or by members of the College community.

No member of the College community shall knowingly possess, display, or cause or permit to be displayed any writing, record, document, or identification form used or maintained by the College or by members of the College community, knowing the same to be fictitious, altered, forged, counterfeited, or made without authority.

- K. **Confidentiality of College Records:** No person shall inspect, investigate, or use College files (i.e., counseling, financial aid, placement, records, registration) without proper College authorization.
- L. **Firearms and other Dangerous Materials:** The possession or use of firearms, firecrackers, explosives, toxic or dangerous chemicals, or other lethal weapons, equipment, or material is not permitted on College property at any time except when specifically authorized by the College for educational purposes or when firearms used for recreational purposes and transported through the Campus meet the regulations of the Department of Public Safety.
- M. **Alcoholic Beverages:** No member of the College community shall sell, be under the influence of, possess or consume beer, wine, or other alcoholic beverages on College property, or any property which is under the direct control or responsibility of the College. This regulation shall not apply to the President's home. This rule may be suspended from time to time by authorization of the President.
- N. **Drugs:** No member of the College community shall possess, sell, distribute, be under the influence of or use any controlled substance in either the refined or crude form, except: (1) controlled substances for personal usage, and these must be under a current prescription of a licensed physician, or (2) those specifically authorized to Delta College by Federal or State authorizing agencies for educational purposes. Nor shall any member of the College Community possess property which is used, or intended for use, as a container for

any controlled substance, except where prescribed or authorized as described in this paragraph.

- O. **Tobacco Free Policy:** Effective August 1, 2007, Delta College became a tobacco free campus. Smoking and use of tobacco products will not be permitted anywhere on the campus; including centers, campus buildings, sidewalks, parking lots, building entrances and common areas, and in College-owned vehicles. The Administration shall fully implement this policy and all applicable laws, regulations, and local ordinances related to smoking and tobacco use.
- P. **Selling, Soliciting, and Distributing:** Any person who wishes to distribute, solicit, or sell information, materials, goods, or services not within the normal College activities and routine, must have the written permission of the Vice President of Student Services or the Vice President of Business and Finance or their designee.
- Q. **Private Business Ventures:** Delta College facilities such as offices, computers, copiers, etc. are not to be used for private business ventures. Also, Delta College's name is not to be associated in any way (such as use of letterhead, e-mail or return address) with private business ventures.
- R. **Animals:** People may not bring animals on Campus or into College buildings. Leader dogs and animals used for educational purposes are exceptions; however, all animals must remain under the control of their owners and be properly licensed and medically treated as required by law.
- S. **Federal, State, and Local Laws:** Violations of Federal, State, or local laws on-Campus, or off-Campus in connection with College-sponsored activities shall constitute violations of College rules.

Questions regarding the rights and responsibilities of Delta College students and guests should be addressed to the Vice President or Dean of Student and Educational Services, 686-9339 or 686-9512.

## Integrity of Academic Work

### I. Statement of Values

The principles of truth and honesty are fundamental to a community of learners. All members of the Delta College Community are expected to honor these principles and are responsible for maintaining the integrity of academic work at the College.

Plagiarism or any misrepresentation of work, unsanctioned collaboration, use of prohibited materials, and participation in any form of dishonesty all constitute violation of this policy.

Violations of this policy will result in the actions and consequences specified within this policy.

### II. Faculty determine standards of integrity for academic coursework.

Examples of academic dishonesty that would constitute violations of this policy include, but are not limited to, the following:

- A. Plagiarism<sup>1</sup>
- B. Cheating on tests, quizzes, or any assignments
- C. Fabrication
- D. Aiding and abetting dishonesty
- E. Falsification of records and official documents

### III. Faculty and Staff Responsibilities.

Faculty should do the following, where applicable and when appropriate:

- A. Provide clarification about the nature of academic dishonesty.
- B. Clarify expectations for homework, assignments, collaborative student efforts, research papers, exams, etc.
- C. Identify any specific style/format requirements for assignments.

D. Communicate ethical and professional standards associated with courses and programs.

E. Honor principles of truth and honesty and in so doing protect the validity of college grades.

<sup>1</sup>Plagiarism is defined as, "the false assumption of authorship; the wrongful act of taking the product of another person's mind and presenting it as one's own." As developed by Alexander Lindey in "Plagiarism and Originality" (N.Y.: Harper, 1952)

#### IV. Student Responsibilities and Rights

Delta College Students are responsible for understanding/following

A. All provisions of this policy including, but not limited to, examples under I and II above.

B. Specific course policies for academic work.

C. Other College policies as specified in the current Delta College Catalog.

D. Commonly understood principles of personal honesty and integrity.

The student may appeal, through the Disputed Final Grades policy, any grade affected by a charge of academic dishonesty.

#### V. Process for Policy Violations by Students

A. Faculty may use their discretion and judgment in any suspected violation of this policy, including limiting action to a warning. If the faculty member determines that this policy has been violated, then the process outlined below will be followed.

1. If the faculty member decides that a violation of this policy will not affect the student's assignment or course grade, the faculty member will explain the violation to the student and warn the student of future consequences for similar behavior.

2. If a faculty member decides that a violation of this policy will affect the student's grade in the course, then the faculty member will explain the decision in writing to the student within a reasonable time frame. The faculty member will then send copies of the written explanation to the appropriate Division Chair, Academic Dean, and the Chief Academic Officer of the College.

Both the Division Office and Academic Office will maintain permanent records of these violations.

B. When a violation is reported to the Academic Office, the Chief Academic Officer of the College will determine appropriate consequences beyond the course grade for the student, including, particularly in the case of a repeated violation of this policy, possible dismissal from the College.

#### VI. Process for Policy Violations by Delta College Faculty and Staff

Suspected violations will be reviewed by the Senate President and the College President and may be investigated by an ad hoc committee appointed and charged by them. The membership of any such committee will represent the appropriate College groups. After an investigation of suspected violation, this committee may recommend further action to the College President.

## Student Code of Ethical Conduct

We students acknowledge that Delta College is an educational institution that values equality of opportunity, academic freedom, academic excellence, diversity, and life-long learning. We respect the mission and values of Delta College, and recognize our obligations to fellow students, to faculty, to staff, and to the community.

Obligations to our fellow students and to faculty: we treat all students and instructors with respect, honesty, and fairness, and uphold their rights to autonomy, privacy, and safety. We support the rights of others to express their views in the spirit of academic freedom, and will not ridicule, intimidate, or coerce students or instructors. We encourage academic excellence and discourage academic misconduct. We are committed to learning, to our obligations as students, and to the highest standards of academic integrity.

Obligations to staff and to our community: We read, understand, and comply with all Delta College policies, rules, and regulations in our roles as students. We treat staff and all members of the Delta College community with respect, honesty, and fairness. We are devoted to safeguarding the resources of Delta College, and to using those resources for the benefit of the College and its surrounding communities

## Disruptive Students

Disruptive student conduct is defined as student behavior or a pattern of behavior that interferes with a positive educational atmosphere, the civil exchange of ideas, classroom/campus order or may endanger the safety of students and staff. Senate policy 4.020, Disruptive Students, and these procedures identify the progressive steps designed to remedy situations in which a student's behavior is judged to be disruptive or threatening. If the behavior is such that the faculty/staff member reasonably fears immediate harm, then campus police should be called and Policy 8.045, Student Violation of College Rules and Regulations, will be followed.

Disruptive conduct taints the educational atmosphere and may endanger the safety of students and staff. Accordingly, when student conduct creates a serious enough disruption such that the only reasonable solution is removal of the student, a student may be temporarily removed from a class/campus area, permanently removed from the class/campus area, or expelled from class/campus. All persons involved in implementing this policy and procedure should exercise caution to ensure that the behavior is severe enough to warrant the response and that the student is afforded appropriate due process consisting of notice and an opportunity to be heard.

The disruptive student policy and accompanying procedures assume that the faculty/staff will make every attempt to resolve this issue with the student through such informal methods as individual conferences and/or written messages. If these informal methods have not met with success, the following formal procedures will be implemented:

1. The student will be verbally warned by the faculty or staff member that the student's behavior is considered to be disruptive (describe the behavior to which the faculty/staff member is referring) and that if the student continues the behavior, he/she will be asked to leave the class/ campus area.
2. If the student persists with the disruptive behavior, the faculty/ staff member can then ask the student to leave the class or campus area. At this time the faculty/staff must warn the student that failure to leave may result in police intervention. The faculty/staff must indicate whether the suspension is just for that day or if the student must appeal to the appropriate Division Chair/Supervisor to reenter the class/campus area.
3. If after the previous verbal warnings the student continues to demonstrate disruptive behavior, the faculty/staff has the option to summon the appropriate police agency who will have the option of arresting the student for criminal trespass, if necessary. The faculty/ staff member's request for the student to leave provides the police agency with sufficient probable cause to effect an arrest.
4. The faculty/staff will notify his/her Division Chair or immediate supervisor in writing within twenty-four (24) hours of any removal from the class/campus area. The written report must include the student's identity and the behavior that was considered to be disruptive and witnesses to the behavior. Sufficient detail must be provided to allow the Chair/Supervisor to assess whether or not

the policy and this procedure was followed.

5. Upon receipt of this notice, the Division Chair/Supervisor must immediately attempt to contact the student by phone, with a follow-up by e-mail, notifying him/her of the opportunity to explain the incident from the student's point of view. In addition, this notice will include the date by which the student must respond back to the Division Chair/Supervisor (or designee) or else forfeit his/her right to appeal. Generally, the student will be given three (3) class\* days to respond in person, by phone, or mail (postmarked).
6. Within twenty-four (24) hours of the conclusion of the meeting to review the removal, the Chair/Supervisor will decide if the removal was justified. The Chair/Supervisor may find it necessary to consult with other College employees, students, or records for additional information upon which to base his/her decision. The Chair/Supervisor may support or deny the removal, or make other arrangements for the student.
7. Expulsion from the college is an extraordinary remedy that must be approved by the Chair/Supervisor, the appropriate Dean, and either the Vice President of Instruction or the Vice President of Student and Educational Services.
8. The decision will be conveyed to the student and the faculty/staff member who caused the removal as soon as possible, either in person or by phone or e-mail. A written confirmation of the decision will be sent to both the staff member and the student within three (3) class days.
9. Within three (3) class days of the receipt of the written decision, the student or the faculty/staff member may appeal the decision in person, by phone, by e-mail or in writing to the appropriate decision maker (identified in the written decision) whose decision will be final.
10. Each step of the process should proceed as quickly as possible, while maintaining fairness and objectivity.

## Student Violation of College Rules and Regulations

This process is to be used to file complaints involving violations of College rules or regulations by Delta College students. Every effort will be made to first resolve conflicts through informal discussion with the involved parties. If this fails, a written complaint may be filed as outlined below. In computing any time limits specified under these procedures, Saturdays, Sundays, official school closings, and holidays will be excluded. These time limits may be adjusted by written mutual consent of the parties concerned or by the Office of Vice President of Student and Educational Services based on mitigating circumstances. Both parties to the complaint have the right at all levels of this policy to present evidence and to question the evidence of the other. Both parties may have a College employee or College student who is not an attorney serve as their advisor or advocate during proceedings under this policy, and that advisor or advocate may take an active role in the proceedings. The Senate President will, in a manner consistent with the spirit of the Grievance policy, take all reasonable actions necessary to guarantee that all proceedings occur in a fair and objective manner.

### I. Complaint Filing

- A. A complaint alleging violations of a College rule and/or regulation may be filed in writing against any student through the Office of the Vice President of Student and Educational Services, or the Office of the Campus Department of Public Safety on a State of Michigan Standard Incident Report form. Complaints must be filed within 7 working days of the incident or within 7 working days of the date the violation becomes known. This report will then be forwarded to the Office of Vice President of Student and Educational Services for action.

- B. The Vice President of Student and Educational Services or designee will take one (1) of the following actions after consultation with the parties involved and undertaking other investigations that may be appropriate under the circumstances:

1. Dismiss the complaint.
2. Conduct an informal hearing and invoke a sanction if the alleged violation is admitted.
3. Refer to a Case Review Officer selected from a list prepared by the first day of fall semester each year by the Office of the President. The Case Review Officer will be named within seven (7) working days of the receipt of the complaint.

- C. The action taken by the Office of Vice President of Student and Educational Services (or designee) will be communicated to the parties involved in writing.

### II. Case Review

- A. Purpose: To consider complaints referred by the Office of the Vice President of Student and Educational Services and to recommend appropriate action to be taken by the Office of the Vice President of Student and Educational Services.

- B. The Case Review Officer will conduct a case review, normally including discussion with all parties involved; prepare a written report; and recommend one of the following actions to be taken by the Office of the Vice President of Student and Educational Services:

1. Dismiss the complaint.
2. Invoke a specific sanction.
3. Activate the Formal Hearing Panel.

- C. The Case Review Officer will make a recommendation within seven (7) working days of receiving the complaint.

- D. Action by the Office of the Vice President of Student and Educational Services shall be communicated to the parties involved in writing.

- E. Appeals to the recommendation of the Case Review Officer must be submitted to the Vice President of Student and Educational Services within seven (7) working days of receipt of the Case Review Officer's recommendation. If the Vice President of Student and Educational Services cannot resolve the case to the satisfaction of the parties involved, he/she will activate a formal hearing panel.

### III. Formal Hearing Panel

- A. Members of the Formal Hearing Panel will serve for one (1) academic year (beginning the first day of the fall semester through the first day of the following fall semester) and include:

1. A chairperson who has not previously ruled on the case, designated by the Office of the Vice President of Student and Educational Services. The chairperson may vote only to break a tie.
2. Three (3) students - selected by the Student/Senate Liaison Committee.
3. One (1) Faculty member - selected by the Faculty Executive Committee.
4. One (1) Administrative/Professional Staff member - selected by ECAPS.
5. One (1) Support Staff member - selected by the Support Staff Executive Committee (SSEC).
6. A sufficient number of alternates will be designated to assure full panel representation when hearings are scheduled.

7. The Panel will convene if at least (5) members are present.
- B. The Formal Hearing Panel may be requested to meet:
1. By the person(s) filing a written request with the Office of the Vice President of Student and Educational Services within seven (7) working days following notification of the action taken, or
  2. By the Vice President of Student and Educational Services.
- C. Within seven (7) working days of the receipt of a written request for a formal hearing, the Vice President of Student and Educational Services will convene the Hearing Panel. The parties involved will be advised of the date, time, and place of the scheduled hearing
- D. Both parties have the right to have an attorney present at the formal hearing, at their own expense and in an advisory capacity only. Attorneys for either party may not actively participate in the proceedings. Scheduling of proceedings under this policy shall not be unduly impacted by the availability of counsel for one of the participants.
- E. The Formal Hearing Panel will review all previous actions and conduct a formal hearing at which each side will be heard. Within seven (7) working days, the panel will make a ruling specifying its findings. Such ruling may result in:
1. Confirmation of the action of the Vice President of Student and Educational Services.
  2. Dismissal of all or a portion of the complaint.
  3. Instructions to the Vice President of Student and Educational Services to invoke a specific sanction or initiate other disposition as the Panel will deem appropriate.
- F. The decision of the Formal Hearing Panel will be communicated to the parties involved in writing. The person(s) filing the initial complaint will be notified in writing when the matter is resolved. Formal written notices will be sent by the Office of the Vice President of Student and Educational Services. Written notices will be sent out within seven (7) working days of the formal hearing panel's decision.
- G. Such decisions of the Formal Hearing Panel will be final except that action involving suspension or dismissal from the College must be ratified by the Office of the President before implementation.

See "Student Complaint and Hearing Process" in the College Catalog  
 Board Action 4663 – March 11, 2008  
 Board Action 2032 - October 21, 1981

## Public Information Posting Guidelines

Students wishing to post information (i.e. ads for sale or rent of personal property, notices of Delta meetings and special events, announcements of Delta student activities, etc.) are requested to take the information to Office of Student Engagement (A003) for approval.

The complete guidelines including who may post, what may be posted and where to post, are available at A003 or at 686-9865.

## Electronic Resources Access and Use Guidelines

1. By accessing College electronic information systems you assume personal responsibility for their appropriate use and agree to comply with all applicable College policies and procedures as well as external networks' policies and procedures, local, state and federal laws and regulations.
2. You are solely responsible for your access and use, and may not transfer or share your passwords or account except as expressly authorized in writing by the Executive Director of the Office of

Information Technology (OIT).

3. Delta College electronic resources are provided to support the college mission. Uses such as private business use or use for personal gain, non-profit activities, advertising and fundraising not related to the college are prohibited. Excessive personal use for activities such as game playing, financial transactions or communicating with family and friends is also prohibited.
4. Uses that threaten the integrity of any system or its contents, the function of resources accessed through the system, the privacy or safety of anyone, or that are illegal are forbidden.
5. Misuse can lead to penalties up to and including loss of system access, employment termination or expulsion from classes or from the college. In addition, some activities may lead to risk of personal legal liability, both civil and criminal. Use common sense: the same rules of courtesy, ethics, morality and law apply here as elsewhere.
6. All persons accessing the College's electronic resources are covered by these guidelines, whether faculty, staff, students, trustees, volunteers, emeritus or retired persons, guests, or any other user.
7. All electronic resources of the College are covered by these guidelines, including without limitation all networks, supporting backbones and links, stand-alone computers, output devices, including printers, shared computers, and connecting resources of any kind, including any external networks.
8. You should not assume that anything received, sent or stored on any of these systems is private. The College generally, and system administrators specifically, will respect the privacy of users. However, these systems are not provided or intended for sending or receiving private or confidential communications. If material is stored electronically rather than in paper files, it must be just as accessible to others who need access to those files as any paper file would be. In addition, system administrators have access to all mail and user access requests and will monitor them as necessary to assure efficient performance and appropriate use. If access discloses improper or illegal use, it may be reported and penalized. Legal process, including requests for information under the Freedom of Information Act, may also compel disclosure.
9. Each user must respect the privacy of every other user. You may not attempt to access, copy, modify or otherwise view or use the passwords, data, or electronic resources of any other user, except as expressly authorized in writing by the Executive Director of the Office of Information Technology (OIT).
10. You may not represent yourself as someone else, or send messages that appear to originate from someone else ("spoofing").
11. You have free speech and academic freedom rights in electronic forms of communication as you do in other forms of communication. However, your responsibilities may be somewhat different because of the nature of the medium. Electronic messages may be accessible to unintended audiences. The College will not impose restraints or monitor content of communications except as required by applicable law and system administration requirements. Your communications are subject to such laws, including those regarding others' rights to privacy, licensing or copyright, prohibition of defamation, or prohibition of harassment or stalking, and the consequences of violations can be severe.
12. Your access to resources of the College, including access to electronic resources, is a privilege and not a right.
13. You must observe classroom and computer lab policies and procedures, and comply with instructions of support staff in the computer labs and OIT staff. In particular, you will vacate workstations or the facility and will surrender other resources (such as printers and software) promptly when asked to do so both at closing times and when necessary to permit access by others.
14. You should assume that anything you access may be copyrighted. Absence of a © notice does **not** mean that the material is not copyrighted. That means that, for example, before you download a document, an image, or any other media to your web page, you should ask the author's permission.
15. You have full responsibility for statements made via the electronic

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resources of the College, including statements on any personal web pages. Such statements do not represent the opinions of the College or any other member of the College community. Your personal web page should include the following disclaimer at the bottom of the first page: "This space is provided as a service by Delta College. Views expressed do not necessarily reflect those of the College."

16. The following list is provided as an illustration, but not an exhaustive list, of the kinds of uses that could subject you to penalties by the College or by outside authority:
  - Harassment, such as repeated unwanted communication or communication that threatens
  - Violation of others' privacy
  - Destruction or damage to equipment, software or data of the College or others
  - Violation of computer system security
  - Use of computer accounts or access codes without permission, or permitting another unauthorized person to use accounts or access codes
  - Violation of copyright or software license agreements
  - Negligent or deliberate inappropriate use of the resource in ways that degrades service for other users, including viruses, Trojan Horses, worms and the like
  - Academic dishonesty
  - Violation of College policy or local, state or federal law
  - Using computer resources for any purpose which is criminal, unethical, dishonest, damaging to the reputation of the College, or likely to subject the College to liability.
  - "Spamming" or the non-commercial equivalent, defined as sending a large volume of unsolicited e-mail which is irrelevant to most if not all recipients.
17. Consequences and process will depend on the violation. When required to protect others or system integrity, immediate termination, removal of pages or other materials, or suspension of user privileges may occur. Otherwise, the user will normally be notified of the alleged infraction and will have an opportunity to respond to a person or body separate from system administration, and will have an opportunity to appeal. The process used will depend on the nature of the alleged infraction, and could be heard under the Judicial Process, Senate Policy 2.065; Student Violation of College Rules and Regulations, Senate Policy 8.045; Disciplinary Action, Support Staff Policies and Procedures 1.12; Affirmative Action or Sexual Harassment complaint procedures, or other appropriate college procedures, or could be referred to outside legal authorities where violations of local, state or federal law are involved. Penalties imposed may range from warnings to suspension of privileges for a temporary, definite, or indefinite period, to termination of employment or expulsion from classes or from the College, to civil suit or criminal prosecution and the penalties resulting from those actions.
18. Delta College reserves the right to monitor, manage, and control the usage of these resources and to make changes in these guidelines without prior notice.

# Records Access and Confidentiality

## Students' Education Records: Accessibility & Confidentiality

The Family Educational Rights and Privacy Act (FERPA) of 1974 as amended, was written to protect the privacy of educational records, to establish the right of students to inspect and review their educational records and provide guidelines for the correction of inaccurate or misleading data through informal or formal hearings. Persons requesting information and/or disclosure may be required to provide personal identification acceptable to the College official.

For Full Student notification please visit our website at [www.delta.edu/registrars-office/ferpa](http://www.delta.edu/registrars-office/ferpa)



# Safety and Security

## Law Enforcement on the Campus

The Delta College Department of Public Safety & Training is primarily responsible for providing safety and security services, enforcing traffic and parking regulations, and conducting criminal and accident investigations. The Department is located in the Main Building, N101, across from the East Main Entrance. The Department of Public Safety & Training is open during normal hours of business, excluding holidays, at which time officers of the Department may be dispatched through Bay County Central Dispatch, for emergencies **only**.

The police officers of the Delta College Department of Public Safety & Training are vested with full peace or law enforcement authority and arrest powers on campus, granted by state statute to the Board of Trustees of Delta College. These police officers are trained in the same manner as all other law enforcement officers in the State of Michigan and are certified as such through the Michigan Commission on Law Enforcement Standards. The officers also receive training in basic first aid and personal safety. The Department of Public Safety & Training maintains a close working relationship with federal, State, county, and other local law enforcement agencies and appropriate elements of the criminal justice system.

## Reporting Criminal Activities/Emergencies

To report a crime or an emergency, you should call the Delta College Department of Public Safety & Training at 686-9111 or for intra-College calls, dial Ext. 9111. A crime or emergency which occurs off-Campus should be reported to the police department having legal jurisdiction for that area. If you are unsure which department has jurisdiction, call 686-9111.

The Department of Public Safety & Training maintains two-way radio contact with Bay County Central Dispatch, providing access to assistance and support from the Bay County Sheriff Department, the Michigan State Police, Saginaw Valley State University Police Department, the Frankenlust Township Fire Department, Bay Medical Ambulance, and the Delta College Facilities Management Department.

## Maintenance/Security of Campus Facilities

Delta College maintains a very strong commitment to Campus safety and security. Every effort is made to ensure that the Campus facilities, buildings, and grounds are maintained in such a manner as to promote safety and reduce criminal opportunity.

Exterior lighting is a very important part of this commitment. The College attempts to maintain adequate exterior lighting in parking lots as well as on the pedestrian walkways. Members of the College community are encouraged to report any exterior lighting deficiencies to the Department of Public Safety or the Facilities Management Department. Written surveys of exterior lighting are taken by the officers of the Department of Public Safety & Training or by Facilities Management employees on a monthly basis.

Exterior doors on Campus buildings are locked and secured each evening by Department of Public Safety & Training personnel. Facilities Management personnel are responsible for the unlocking and opening of these exterior doors. Door and security hardware operating problems are also reported by these personnel on a daily basis. Problems in exterior door locking mechanisms should also be reported to the Department of Public Safety & Training or Facilities Management Department.

Parking lots on Campus are actively patrolled by Department of Public Safety & Training officers and the Department also has a variety of alarms (including fire, intrusion, hold-up and trouble) to assist the officers in patrolling and monitoring the Campus.

## Crime Statistics

Delta College believes that an informed public is a safety-conscious public. Crime statistics, found at [www.delta.edu](http://www.delta.edu), *AtoZ index*, *Public Safety*, are provided in compliance with the "Jeanne Cleary Disclosure of Campus Security Policy and Campus Crime Statistics Act."

## Summary of Harassment Policy and Procedures

Delta College is committed to a work and learning environment within which all individuals are treated with respect and dignity. The College prohibits discriminatory practices, including harassment, with the following policy:

Harassment is defined as unwelcome conduct that unreasonably interferes with work or study, or creates an abusive, hostile, or offensive environment as defined by Michigan or Federal law. The protections of this policy are available to all persons regardless of religion, race, color, national origin, age, sex, marital status, sexual orientation, gender identity, height, weight, arrest record, veteran status, disability, or other classifications as required by applicable U.S. federal, state or local law.

Harassment is not acceptable at Delta College. Delta College employees and students are individually responsible to promptly report any incidents of harassment, experienced or observed. Complaints and concerns should be reported to an appropriate supervisor or college personnel in one of the following offices: Academic, Equity, Human Resources, off-campus administration, Public Safety, or Student and Educational Services.

Complaints and concerns will be followed by appropriate action from the Equity and/or Human Resources offices, as defined by the procedures.

Delta College is committed to addressing complaints of harassment promptly, consistently and fairly. For more information, or to address questions or concerns, contact any of the following offices:

- Equity Office, location: B-136; Phone: (989) 686-9512; email: [equityoffice@delta.edu](mailto:equityoffice@delta.edu)
- Human Resources Office, location: J-101; phone: (989) 686-9042; email: [humres@delta.edu](mailto:humres@delta.edu)
- Department of Public Safety, location, N-102, Phone: (989) 686-9113

Off-campus Center situations can be discussed with any of the offices above, or with the Center's administrative staff.

## Parking Regulations

All individuals using a motor vehicle on Delta College property are expected to comply with College and/or State rules, regulations, and laws pertaining to parking, traffic, and vehicle use on College property. Violations of College parking rules and regulations will result in a parking ticket which will result in fines and penalties ranging from \$10 to having the vehicle towed away at the owner's expense. Operators in violation of State law provisions applicable to the Campus will be issued a traffic citation complaint, which will require the violator to appear in 74th District Court in Bay City. Delta College parking and traffic regulations can be found at [www.delta.edu](http://www.delta.edu), *AtoZ index*, *Public Safety*

## Drug & Alcohol Guidelines and Resources

Information is provided in compliance with the Drug Free School and Communities Act Amendments of 1989 Public Law 101-226 at [www.delta.edu](http://www.delta.edu), *AtoZ index*, *Public Safety*.

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Associate Professor of English  
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M.A. Central Michigan University
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Professor of Math & Computer Science  
B.S.; M.S. Michigan State University
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Office Manager-LLIC; Coordinator-ATC  
A.B.S. Delta College
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Associate Professor of Math & Computer Science  
B.S.; M.A. Central Michigan University
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Human Resources-Generalist  
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Facilities Planning Assistant  
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Corporate Services-Employment Services Advisor  
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Associate Professor/Science Division Chair  
B.A. Hiram College-OH  
Ph.D. Case Western Reserve University-OH
- BAILEY, John  
Corporate Services-MI Works! Business Services Representative  
B.S. Central Michigan University
- BAIYASI, Stephanie  
Assistant Professor of Biology  
A.A.S. Delta College  
B.S.; D.V.M. Michigan State University
- BAKER, Barry  
Executive Director Communication Technology  
B.A. Wayne State University
- BAKER, David  
Associate Professor of Chemistry  
B.S.; Ph.D. University of Leicester  
M.S. University of Toledo-OH
- BAKER, Wendy  
Associate Professor of Biology  
B.A. Gordon College  
M.A. Western Michigan University
- BALAN, Aurelian  
Instructor of Physics  
B.A.; B.M. New York State University  
M.S. Central Michigan University
- BALLOR, Cynthia  
Instructor of Sonography  
A.A.S. Ferris State University
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Professor of Lifelong Wellness  
B.S. Northern Michigan University  
M.A. Central Michigan University
- BARBIER, Stuart  
Professor of English  
B.A. Albion College  
M.A.; Ph.D. Michigan State University
- BASKIND, David  
Associate Professor of Psychology  
B.A. Miami University-OH  
M.A.; Ph.D. Bowling Green State University-OH
- BAYNE, Tiffany  
Corporate Services-Employment Services Advisor
- BEAUCHAMP, Elizabeth  
Instructor of Office Administration & Technology  
B.S. Central Michigan University  
M.A. Eastern Michigan University
- BECKMAN, Eric  
Assistant Professor of Economics  
B.S.; M.A. Central Michigan University
- BECKSTROM, Garry  
Astronomer and Planetarium Manager  
B.S. University of Iowa
- BENNETT, Thomas  
Chief Technologist  
B.S. Grand Valley State University  
M.A. Saginaw Valley State University
- BERNTHAL, Sharon  
Assistant Professor of English  
B.S.; M.A. Eastern Michigan University
- BETANCOURT, Tomas  
Coordinator of Audio/Visual Services
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Corporate Services-MI Works! Placement Advisor
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Associate Professor of Math & Computer Science  
B.A. Western Michigan University  
M.A. Central Michigan University
- BLEDSON, David  
Associate Professor of Residential Construction  
B.S. Central Michigan University  
M.E. Saginaw Valley State University
- BOLDT, Kimberly  
Assistant Professor of Sonography  
A.A.S. Loma Linda University  
B.S. Siena Heights College

BOUDROT, Thomas  
Assistant Professor of Political Science  
B.S.; M.A. Ball State

BOURASSA, Lindsey  
Lifelong Learning Program Development & Marketing Manager  
A.A. Delta College

BRADY, John  
Counselor  
A.A. Kellogg Community College  
B.A.; M.S.W. University of Michigan-Dearborn

BRASSEUR, Gary  
Director of Enrollment Services  
B.A.; M.A. Saginaw Valley State University

BRITTO, Neville  
Professor of English  
A.B.S. University of Nagpur-India  
A.B.S. University of Rome-Italy  
M.A. University of Michigan-Ann Arbor

BRONSTETTER, Michele  
Team Supervisor  
A.B.S.; A.G.S. Delta College

BRUCHHOF, Bryan  
Corporate Services-MI Works! Business Services Representative  
B.S. Mankato State College

BUBLITZ, Kevin  
Grounds Maintenance Supervisor

BURNS, Wendy  
Associate Professor of Biology  
B.S. Alabama A&M University  
Ph.D. Western Michigan University

BUSHONG, Rebecca  
Learning Resource Manager  
A.A. Delta College  
B.S. Saginaw Valley State University

BUSHONG, Thelma  
Director, Center for Organizational Success  
B.B.A.; M.B.A. Saginaw Valley State University

CARLSON, Peter  
Professor of Math & Computer Science  
B.S. Michigan Technological University  
M.A. Central Michigan University

CARTER, Marcie  
Director, Bridge Program  
B.S.W. Saginaw Valley State University

CAYLOR, Thomas  
Director of Communication, Corporate/Foundation Relations  
B.A. Central Michigan University

CHANDRAN, Sheilanthi  
Specialist-Student Development  
B.A.; M.A. Foreign Colleges

CHILDS, Wendy  
Senior Manager of HRIS and Compensation  
A.A.; C.T. Delta College  
B.B.A. Northwood University

CLAREY, Timothy  
Professor of Geology  
A.G.S. Delta College  
B.S.; M.S.; Ph.D. Western Michigan University  
M.S. University of Wyoming

CLARK, Pamela  
Executive Director of Institutional Advancement  
A.A. Delta College  
B.A. University of Michigan-Ann Arbor  
M.A. Saginaw Valley State University

CLEGG, Antoinette  
Assistant Professor of Accounting  
B.A. Western Michigan University  
M.A. Nova Southeastern University

CLEMENT, Emily  
Director of Strategic Partnership  
A.A.S. North Central Michigan College  
B.A.S. Davenport University  
M.A. Spring Arbor University

COATS, Thomas  
Assistant Professor of Automotive Service Technology  
A.A.S. Delta College

COLENBRANDER, Andrew  
Associate Professor of English  
A.A. Citrus College-CA  
B.A.; M.A. University of Montana  
M.A. Central Michigan University

COLVIN, Richard  
Building Systems Control Technician

CONE, Bret  
Instructor of Radiological Technology  
B.S. Midwestern State University-TX  
M.B.A. Wayland Baptist University-TX

COOPER, Michael  
Director of Disability Services  
B.S.; M.A. Central Michigan University

COOPER, Steven  
Academic Advisor  
B.S. Central Michigan University

CORNEJO, Osiris  
Assistant Professor of English  
B.A. Chatham College  
M.A.; Ph.D. Michigan State University

CORNELIUS, Casey  
Associate Dean for Student Engagement  
B.A.; M.A. University of Toledo

CORNELL, Paula  
Professor of Nursing  
A.A.S. Delta College  
B.S.N.; M.S.N. Saginaw Valley State University

CRAMER, Angela  
Senior Accounting Manager  
A.B.S. Delta College  
B.B.A. Northwood University

CRAWFORD, Randal  
Professor of Graphic Arts  
B.A. Philadelphia College of Art  
M.A. Cranbrook Academy of Art

CUNNINGHAM, Tara  
Fitness & Recreation Center Manager  
B.A. Saginaw Valley State University

CURTIS, Christopher  
Associate Professor/Social Science Division Chair  
B.S.; M.A. Central Michigan University

CUVELIER, Michelle  
Corporate Services-Employment Services Advisor  
B.S. University of Iowa

DAVIS, Chey  
Assistant Professor of English  
B.A. Michigan State University  
M.A. Central Michigan University

DAVIS, Nadine  
Professor of English  
B.A. Michigan State University  
M.A. Saginaw Valley State University

- DAVIS, Russell  
Corporate Services-Business Solutions Specialist  
B.S. Baker College  
M.S. Ferris State University
- DE HEUS, Matt  
Instructor of Technical, Trades, & Manufacturing  
B.S. Rose-Hulman Institute of Technology  
M.S. Eastern Michigan University
- DEHNE, Kevin  
Associate Professor of Physics  
A.A.S. Oakland University  
B.A.; M.S. Eastern Michigan University
- DELUCA, Frank  
Corporate Services-Editor
- DENNEY, Dana  
Assistant Professor of English  
B.A.; M.A. Michigan State University
- DEROCHE, Brad  
Associate Professor of Music  
B.A. Central Michigan University  
D.M.A. Eastman School of Music  
M.A. Eastern Michigan University
- DEWEY, Elizabeth  
Specialist-Student Development  
B.A. Lake Superior State University  
M.A. Central Michigan University
- DIGREGORIO, Jacinthe  
Corporate Services-French Translation Specialist  
B.A. University of Central Florida  
M.A. Saginaw Valley State University
- DOLL, Darci  
Instructor of Philosophy  
B.S. Central Michigan University  
M.A. Western Michigan University
- DOMINIQUE, Gina  
Associate Professor of Art  
B.F.A. Corcoran School of Art  
M.F.A. University of New Mexico
- DORE, Ann  
Instructor of Nursing  
A.A.S.; B.S.N. Mercy College of Detroit  
M.S.N. Saginaw Valley State University
- DOUGLAS, Nancy  
Planetarium and Learning Center Coordinator
- DOUGLASS, Yolanda  
Academic Advisor  
A.A. Delta College  
B.S.W. Saginaw Valley State University
- DOYLE, Jeanne  
Accountant  
A.A.S. Delta College
- DRAKE, Cynthia  
Assistant Professor of Biology  
B.S. Florida Institute of Technology  
M.S. Ohio University
- DROUSE, Cynthia  
Associate Professor of Computer Science & Information Technology  
A.A.S. Mott Community College  
B.S. Baker College  
M.S. Ferris State University
- DULEY, Jamie  
Associate Professor of Physical Therapy  
B.S.; M.S.P.T. Grand Valley State University
- DULL, Laura  
Associate Professor of History  
B.A. Central Michigan University  
M.A.; Ph.D. University of Notre Dame  
M.T.S. Weston Jesuit School of Theology
- DUNCAN, Jennifer  
Instructor of Nursing  
A.A.S.; B.S.N. University of Nebraska-Omaha
- DYER, Brigit  
Director of Retention  
B.S.; M.A. Central Michigan University
- DYKHUIZEN, Charles  
Associate Professor of Psychology  
A.A. Grand Rapids Community College  
B.A. Grand Valley State University  
M.S.; Ph.D. Kent State University-OH
- DZURKA, Cheryl  
Senior Human Resources Generalist  
A.G.S. Delta College
- DZURKA, Robert  
Team Supervisor
- ERNST, David  
Production Coordinator  
B.I.S. Central Michigan University
- EVERHARDT, Sharon  
Instructor of Sociology  
A.A. Owens Community College  
B.A.; M.A. University of Toledo-OH
- EWING, Mark  
Librarian-Reference  
B.A.; M.L.S. Wayne State University
- EYRE, Matthew  
Assistant Professor of Mechanical Technology & Design  
B.S.; M.S. Michigan Technological University  
M.B.A. Saginaw Valley State University
- FACCIO, Bruce  
Assistant Professor of Welding  
A.A.S.; B.S. Ferris State University  
M.E. Saginaw Valley State University
- FAIRCHILD, Dawn  
Assistant Professor of Management  
A.A. Alpena Community College  
B.B.A. Michigan Technological University  
M.A. Spring Arbor University  
Ph.D. Capella University
- FALESKI, Michael  
Associate Professor of Physics  
B.S. Rochester Institute of Technology-NY  
M.S.; Ph.D. Syracuse University
- FINELLI, Michael  
Assistant Professor of Residential Construction  
A.A.S. Delta College  
B.S. Ferris State University
- FINNEY, Martin  
Career Advisor  
A.A.S. Lansing Community College  
B.A.; B.S.; M.A. Saginaw Valley State University
- FOGARTY, Julia  
Professor of English  
A.A. Ferris State University  
B.A.; M.A. University of Oregon  
Ph.D. Michigan State University
- FULMER, Marshall  
Producer Director  
A.A. Delta College  
B.S. Ferris State University

---

GAGNON, Lori  
 Professor/Nursing Coordinator  
 B.S. Saginaw Valley State University  
 M.S. University of Michigan-Ann Arbor

GARLICK, Michael  
 Manager-Chemistry Laboratory  
 B.S. Central Michigan University

GILBERT, Brent  
 Corporate Services-MI Works! Manager  
 A.A.S. Community College of the Air Force

GILLMAN, Thomas  
 Criminal Justice Training Coordinator

GIULIANI, Donna  
 Assistant Professor of Sociology  
 A.A. Mid Michigan Community College  
 B.S.; M.A. Central Michigan University

GLADY-TESCHENDORF, Bethen  
 Instructor of English  
 B.A. University of Michigan-Flint  
 M.A. Central Michigan University

GLEASON, James  
 Assistant Professor of Electronic Media  
 B.S. Northern Michigan University  
 M.A. Saginaw Valley State University

GLOVER, Eula  
 Academic Advisor  
 B.A. Northwood University

GLOWACKI, Michael  
 Instructor of Graphic Arts  
 B.F.A. Kendall College of Art and Design  
 M.F.A. Cranbrook Academy of Art

GOETZINGER-PENA, Diane  
 Associate Professor of Office Administration & Technology  
 B.S. Central Michigan University  
 M.S. Texas A&I University

GONZALEZ, Judyth  
 Professor of Speech  
 B.A. Oral Roberts University-OK  
 M.A. Southern Nazarene University

GOOD, Bonnie  
 Assistant Professor of Child Development  
 A.A. Delta College  
 B.A. Saginaw Valley State University  
 M.S.W. Michigan State University

GOODNOW, Jean  
 President  
 B.A.; M.A.; Ph.D University of Iowa

GOODROW, Ryan  
 Financial Aid Advisor  
 A.B.S. Delta College

GOODSON, Martin  
 Professor of Physics  
 B.S. Stillman College  
 Ed.D. Indiana University  
 M.S. Indiana State University

GOUDAS, Alexandros  
 Instructor of English  
 B.S.; M.A. Minnesota State University

GOULD, Terri  
 SES Division Technology Specialist  
 A.B.S. Delta College  
 B.B.A. Northwood University

GOVITZ, Leanne  
 Director of Marketing & Public Information  
 B.A. Michigan State University

GRAVES, Patricia  
 Director of Business Partnerships, Legislative Relations & Resource  
 Development  
 B.S.; M.A. Central Michigan University  
 Ph.D Michigan State University

GREGORY, Earl  
 Assistant Professor of Respiratory Care  
 B.S. Saginaw Valley State University  
 M.S. Purdue University

GRETHER, Cynthia  
 Food Service Manager  
 B.B.A. Northwood University

GREVE, Christine  
 Corporate Services- Regional Director-MI SBTDC  
 A.A. Delta College  
 B.B.A. Saginaw Valley State University  
 M.B.A. Central Michigan University

GRIFFITH, Ralph  
 Instructor of Management  
 B.A. Alma College  
 M.B.A. Northwood University

GROULX, Sonya  
 Corporate Services-Manager Bay JET Program  
 B.A. Michigan State University

GRUNOW, Tamie  
 Director of Human Resources  
 A.G.S. Delta College  
 B.A.; M.E. Saginaw Valley State University

GUTIERREZ, Diana  
 Director of Counseling, Advising, Career Services  
 A.A. Delta College  
 B.A. Saginaw Valley State University  
 M.A. Central Michigan University

GUTIERREZ, Raymond  
 Multicultural Services Advisor  
 A.A. Delta College  
 B.A. Western Michigan University  
 M.S.W. University of Michigan-Ann Arbor

HACKBORN, Tari  
 Associate Professor of Computer Aided Design  
 A.A.S. Delta College  
 B.S.; M.A. Central Michigan University

HAGLE, Heather  
 Corporate Services-MI Works! Placement Advisor  
 B.S. Indiana Wesleyan University

HALL, Danielle  
 Testing Services Specialist  
 B.A. Oakland University  
 M.S. Central Michigan University

HAM, James  
 Professor of Math & Computer Science  
 B.A. Kalamazoo College  
 M.A. Ohio State University

HAMMERBACHER, Cynthia  
 Corporate Services-Job Search Instructor  
 B.A. Spring Arbor University

HANDLEY-MILLER, Barbara  
 Associate Professor of Speech  
 B.A. Michigan State University  
 M.A. Central Michigan University

HARDING, Mary  
 Director of Development  
 A.B.S. Delta College  
 B.A. Northwood University

---

- HARKNESS, Bernadette  
Assistant Professor of Chemistry  
B.S. University of British Columbia  
Ph.D McGill University
- HARRISON, Jill  
Associate Professor of Child Development  
B.A. Central Michigan University  
M.S. East Carolina University-NC
- HARTSHORNE, Nancy  
Instructor of Psychology  
B.A.; Ed.D.; M.E. Wichita State University-KS  
Ph.D Central Michigan University
- HARVEY, Susan  
Associate Professor of Psychology  
B.A. Mercyhurst College  
M.S. North Dakota State University
- HASKE, Toby  
Assistant Professor of Dental Hygiene  
A.A.S. Kalamazoo Valley Community College  
B.S. Western Michigan University  
M.A. Central Michigan University
- HASKIN, Debra  
Pledge Producer  
A.G.S. Delta College
- HEINZ, Timothy  
Associate Professor of Respiratory Care  
B.S. Saginaw Valley State University  
M.A. Central Michigan University
- HELGREN, Heidi  
Assistant Professor of Management  
B.A. Saginaw Valley State University  
J.D. Wayne State University
- HEMINGWAY, Kelly  
Instructor of Nursing  
B.S.N. University of Michigan-Ann Arbor
- HERNANDEZ-ALANIZ, Monica  
Associate Counselor  
A.G.S. Delta College  
B.A. Spring Arbor University
- HEYART, Beth  
Associate Professor of Speech  
B.S. Oakland University  
M.A. Ball State
- HILL, Alan  
Associate Professor of Sociology  
B.A. Furman University  
M.A.; Ph.M. Columbia University
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Assistant Professor of English  
B.S. Central Michigan University  
M.A. Michigan State University
- HOCK, Matthew  
Manager of Broadcast Information Technology  
B.S. Grand Valley State University
- HOFFMAN, Floyd  
Assistant Director of Business Services  
A.A.S. Delta College  
B.A. Michigan State University
- HOFFMAN-JOHNSON, Gail  
Interim Dean of Teaching & Learning of Academic Services  
B.A. University of Michigan-Flint  
M.S. Northern Michigan University  
Ph.D Michigan State University
- HOLOMAN, Linda  
Director of Student Diversity and Inclusion  
B.A. Norfolk State University-VA  
M.A. Central Michigan University
- HOLTMAN, Loretta  
Assistant Professor of Biology  
B.S. Central Michigan University  
M.D. University of Michigan-Ann Arbor
- HOLTMAN, Russell  
Fire Science Coordinator/Apprenticeship Operations Manager  
A.A.S. Mott Community College
- HOPPE, Renee  
Assistant Professor of Lifelong Wellness  
A.A.S. Delta College  
B.S.; M.A. Central Michigan University
- HORN, Christine  
Assistant Professor of Nursing  
B.S. Saginaw Valley State University  
M.S.N. University of Phoenix
- HOWELL, Adna  
Assistant Professor of Speech  
B.A.; M.A. Bob Jones University-SC
- HOWERY, Claudia  
eLearning Instructional Coordinator  
M.S. Capitol College
- HOWERY, Khristopher  
Instructor of Computer Science & Information Technology  
A.A.S. Central Carolina Community College  
B.S. Strayer University  
M.S. Capitol College
- HUBNER, Gregory  
Instructor of Accounting  
B.A. Michigan State University  
M.A. University of Phoenix
- HUNTER, Mark  
Corporate Services-MI Works! Placement Advisor  
B.B.A. Northwood University
- IBANEZ, Monica  
Corporate Services-Employment Services Advisor  
A.A. Delta College  
B.S. Central Michigan University  
M.P.A. Saginaw Valley State University
- ISACKSON, Ann  
Financial Aid Advisor  
B.A. Saginaw Valley State University
- JAROSZ, Mitchell  
Professor of English  
B.A.; M.A. University of Detroit
- JIMENEZ, Kara  
Associate Professor of Lifelong Wellness  
B.S.; M.A. Central Michigan University  
Ph.D Clayton College of Natural Health
- JUMP, Jeffery  
Assistant Director of Facilities Management  
A.A.S.; B.S. Lake Superior State University
- JUSTIN, Joel  
Instructor of Technical, Trades, & Manufacturing  
A.A. Delta College
- KABAT, Jennean  
Librarian-Reference  
A.A. Delta College  
B.A. Saginaw Valley State University  
M.L.S. Wayne State University
- KARLS, Elaine  
Professor of English  
B.A.; M.A. Michigan State University

KELLY, Terrance  
Associate Professor of Residential Construction  
A.A.S. Delta College  
B.S. Ferris State University  
M.A. Central Michigan University

KEMMER, Bruce  
Associate Professor of Management  
B.S. Central Michigan University  
M.A. Eastern Michigan University

KENDZIORSKI, Janis  
Associate Professor of Accounting  
A.A. Grand Rapids Community College  
B.A. Michigan State University  
M.B.A. Central Michigan University

KETCHUM, William  
Associate Professor of English  
B.A. Cornell University  
M.A. University of Wisconsin  
M.A. Michigan State University

KETTEL, Michael  
Instructor of Computer Science & Information Technology  
B.S. Wayne State University  
M.A. Central Michigan University

KHALIL, Anthony  
Project Manager-Staff Engineer/Architect  
B.A. Andrews University

KHEIL, Habib  
Professor of Math & Computer Science  
B.S.; M.S. Ohio University  
M.S. Bradley University

KIME, Tammy  
Instructor of Nursing  
A.A.S. Delta College  
B.S.N. Saginaw Valley State University  
M.S.N. Duke University

KING, Kathleen  
Assistant Professor of English  
B.A.; M.A.T. Saginaw Valley State University

KLACZKIEWICZ, Terri  
Financial Aid Advisor  
A.A. Delta College  
B.A. Saginaw Valley State University

KLEIN, Kimberly  
Assistant Professor of Political Science  
A.A. Delta College  
B.A. Oakland University  
M.A. Saginaw Valley State University

KLINGLER, Timothy  
Professor of Math & Computer Science  
B.A. Capitol University  
M.S. Oakland University  
M.S. Purdue University

KNOCHEL, Jane  
Coordinator of eLearning  
A.B.S. Delta College

KNOX, diedra  
Associate Professor of Biology  
B.S.; M.S. Southern University-LA

KOWECK, Daniel  
Corporate Services-Editor

KRAFT, Kevin  
Corporate Services-Editor

KRAYNAK, Wendy  
Manager of Recruitment & Employment  
A.A.S. Northeastern School of Commerce  
A.G.S. Delta College  
B.A.; M.A. Spring Arbor University

KUBATZKE, Trevor  
Vice President of Student Services  
B.S. University of Wisconsin  
M.S. Southwest Missouri State University

LACINA, Raymond  
Associate Professor of English  
B.A. Viterbo University  
M.A. Iowa State University  
Ph.D. University of Toronto

LANE, Thomas  
Vice President of Instruction/Learning Services  
B.S. Purdue University  
M.S. Central Michigan University  
Ph.D. Foreign Colleges

LARKOWSKI, Peter  
Assistant Professor of Chemistry  
B.S. Ohio State University  
M.S. University of Michigan-Ann Arbor

LAWRASON, Lisa  
Assistant Professor of Political Science  
A.A.S. North Central Michigan College  
B.S. Murray State University-KY  
M.A. Central Michigan University

LEACH, Scott  
Instructor of Refrigeration, Heating & Air Conditioning  
A.A.; B.A.; M.S. Ferris State University

LEAMAN, Pauline  
Corporate Services-Career Manager

LEE, Eric  
Instructor of Technical, Trades, & Manufacturing  
B.S. University of Minnesota  
M.B.A. Wilfrid Laurier University  
M.S. University of Virginia  
Ph.D. University of Waterloo

LEENHOUTS, Sharon  
Health Information Technology  
B.A. Colorado College  
M.A. University of Michigan-Ann Arbor

LEGG, David  
Assistant Professor of Lifelong Wellness  
B.E.; Ed.D.; M.S. University of Toledo-OH

LEWIS, Joseph  
Instructor of English  
B.A. Hampton University-VA  
M.A. New York University

LICHTMAN, Frances  
Instructor of Math & Computer Science  
B.A. Michigan State University  
M.A. Louisiana State University

LIGHT, Timothy  
Telecommunication Service Specialist  
A.A.S. Delta College

LIJEWSKI, Jason  
Instructor of Management  
B.S. Ferris State University  
M.B.A. Central Michigan University

LOOBY, Mary  
Professor of English  
B.A. Nazareth College  
M.A. Saginaw Valley State University

LOREE, Patti  
Corporate Services-Job Search Instructor

LUCZAK, Gregory  
Corporate Services-Director of Business & Finance  
B.A. Alma College  
M.A. University of Michigan-Flint

LUTZ, Debra  
Vice President Business & Finance  
A.A. Delta College  
B.A. Michigan State University  
M.A. Central Michigan University

LUTZ, Phoebe  
Professor/Math & Computer Science Division Chair  
B.S. Alma College  
M.S. Michigan State University

MACKAY-WHITEHEAD, Sydnee  
Graphic Designer  
B.F.A.; M.S.A. Central Michigan University

MAJCHRZAK, Jonathan  
Assistant Professor of Lifelong Wellness  
B.A. Saginaw Valley State University  
M.A. Northern Michigan University

MALKOWSKI, Keith  
Registrar  
B.A. Northern Michigan University  
M.A. Marquette University-WI

MALLEK, Gregory  
Athletic Director  
B.A.; M.E. Saginaw Valley State University

MARTENS, Lisa  
Financial Aid Advisor/Technologist  
A.B.S. Delta College  
B.B.A. Northwood University

MASSOGLIA, Janet  
Assistant Professor of Nursing  
B.S.N. Lake Superior State University  
M.S.N. Saginaw Valley State University  
Ph.D. Oakland University

MAST, Amanda  
Corporate Services-Employment Services Advisor  
A.A. Alpena Community College

MAXIM, David  
Corporate Services-Job Search Instructor  
B.A. University of Michigan-Ann Arbor

MCKAY, Allan  
Corporate Services-Product Development Director  
B.S.; M.A. University of Waterloo

MCKINNEY-RONCIER, Lynn  
Corporate Services-French Translation Specialist  
B.A. Eastern Michigan University  
M.A. Wayne State University

MCKINSTRY, Amy  
Corporate Services-Employment Services Advisor  
B.S. Western Michigan University

MCQUISTON, Daisy  
Assistant Professor of Nursing  
A.A.S. Delta College  
B.S.N. Saginaw Valley State University  
M.S. Walden University

MERLING, Catherine  
MLL Coordinator  
B.S.N. Davenport University  
R.N. Grace Hospital School of Nursing

MILLER, James  
Instructor of Automotive Service Technology  
A.A.S. Delta College

MILLER, Jessica  
Counselor  
B.A.; M.A. Oakland University

MILLER, Judith  
Dean of Learning Support Services  
B.S.; M.A. Central Michigan University

MILLER, MaryJo  
Assistant Professor of Dental Hygiene  
B.S. Ferris State University  
M.A. University of Phoenix-AZ

MITCHELL, Mark  
Assistant Professor of Economics  
B.A.; M.A.; Ph.D. University of Notre Dame

MITCHELL, William  
Planetarium Show Specialist  
A.A. Delta College  
B.S. Central Michigan University

MOFFETT, Maggie  
Coordinator-Laboratory  
A.A.S. Mid Michigan Community College  
B.S. Central Michigan University

MONTESI, Susan  
Dean of Learning Centers and Innovative Programs  
B.S. Ferris State University  
M.A.; M.S. Central Michigan University

MOOK, David  
Corporate Services-Employment Services Advisor  
B.S. Michigan State University

MOORE, Marcia  
Associate Professor/Humanities Division Chair  
B.A. University of Toledo-OH  
M.A. Regent University  
Ph.D. Bowling Green State University-OH

MOORE, Robert  
Assistant Professor of Political Science  
B.S. Ohio University  
M.A. University of Toledo  
M.A. Ashland Theological  
M.A.; Ph.D. Michigan State University

MORLEY, Cynthia  
Corporate Services-Product Delivery Director  
B.S. Central Michigan University  
M.B.A. Michigan State University

MORSE, Terry  
Assistant Professor of Technical, Trades & Manufacturing  
B.S. Ferris State University  
M.E. Saginaw Valley State University

MOSQUEDA, Margarita  
Dean of Student Services/Equity Officer  
B.A.; M.A. Western Michigan University

MOWLAVI, Masood  
Associate Professor of Biology  
B.S. Tehran University  
M.A. Wayne State University  
M.S.; Ph.D. Michigan State University

MURPHY, Carla  
Associate Professor of Lifelong Wellness  
B.S. Alma College  
M.S. Pennsylvania State University

MURPHY, Matthew  
TV Operations Producer  
A.A.S. Delta College

---

|  |   |
|--|---|
| NICHOLS, Katrina<br>Professor of Math & Computer Science<br>A.A. Delta College<br>B.A. University of Michigan-Ann Arbor<br>M.A. Saginaw Valley State University          | PLACKOWSKI, Linda<br>Professor of Philosophy<br>B.A.; M.A. Michigan State University  |
| NICHOLS, Randall<br>Associate Professor of Math & Computer Science<br>B.S.; M.A.T. Indiana State University  | POWERS, Barbara<br>Bookstore Manager  |
| NIESTER-MIKA, Jennifer<br>Instructor of English<br>B.S. Michigan State University<br>M.A. Central Michigan University  | POZENEL, Christine<br>Corporate Services-Career Manager<br>A.A. Delta College<br>B.A. Saginaw Valley State University                                     |
| NITSCHKE, Ann<br>Assistant Registrar & Veterans Services<br>B.S. Central Michigan University   | PRENA, Kelli<br>Instructor of Nursing<br>A.A.A. Alpena Community College<br>B.S.N. Lake Superior State University<br>M.S.N. Grand Valley State University |
| NOWICKI, Susan<br>Coordinator-Business Services<br>A.A. Delta College<br>B.A. Saginaw Valley State University  | PRIEBE, Lorraine<br>Administrative Assistant<br>A.A.; A.G.S. Delta College<br>B.B.A. Northwood University   |
| O'CONNOR, Trisha<br>Associate Professor of English<br>B.S.; M.A.E. Central Michigan University   | PRZYBYLSKI, Robert<br>Producer Director<br>A.B.S. Delta College<br>B.S. Ferris State University   |
| O'LAUGHLIN, Lisa<br>Instructor of Office Administration & Technology<br>B.S.E.; M.A. Central Michigan University   | PRZYGOCKI, Virginia<br>Dean of Career Education and Learning Partnerships<br>B.S. University of Michigan-Ann Arbor  |
| OLEARY, Terence<br>Operations Manager<br>A.A. Delta College<br>B.A. Saginaw Valley State University  | RABIDOUX, Cynthia<br>Administrative Assistant<br>A.B.S. Delta College   |
| OSANTOWSKI, Diane<br>Director of Development<br>A.B.S. Delta College   | RAMET, Jean<br>Academic Advisor<br>A.A. Delta College<br>B.A.; M.A. Saginaw Valley State University   |
| PASZTOR, Joseph<br>Associate Professor of Geography<br>B.A.; B.E. University of Saskatchewan<br>M.E.; M.S.; Ph.D University of Oregon                                    | RAMM, Joan<br>Professor of English<br>B.A. Wayne State University<br>M.A. Michigan State University   |
| PECK, Cynthia<br>Associate Professor of Chemistry<br>B.A. Northern Michigan University<br>M.S. Central Michigan University   | RAMON, Tammy<br>Instructor of Nursing<br>A.A.S. Delta College<br>B.S.N. Ferris State University<br>M.S. Saginaw Valley State University                   |
| PECKHAM, Karen<br>Corporate Services-Employment Services Advisor<br>B.B.A. Northwood University  | RAMSEYER, Larry<br>Director of Facilities Management<br>A.A. Delta College<br>B.S.; M.A. University of Michigan-Ann Arbor                                 |
| PERUSKI, David<br>Associate Professor/Health & Wellness Division Chair<br>B.S.N.;M.S.N. Saginaw Valley State University<br>M.S.A. Central Michigan University            | RANDALL, Pat<br>Specialist:Database Analyst<br>B.A. Baker College   |
| PETEE, Linda<br>Sustainability & Risk Management Coordinator<br>A.A.; A.B.S. Delta College<br>B.A. Northwood University  | RANDOLPH, Karen<br>Professor of English<br>B.A.; M.A. Western Michigan University   |
| PETERS, Felicia<br>Associate Professor/Business & Information Technology Division<br>Chair<br>B.S. Morris Brown College-GA<br>M.S. Southern Polytechnic State University | RAUBE, Michelle<br>Head Athletic Trainer<br>B.A. Carthage College<br>M.S. Illinois State University   |
| PETERSEN, Ryan<br>Assistant Professor of Political Science<br>B.S. Willamette University<br>M.A. Syracuse University   | REDMAN, David<br>Professor of Math & Computer Science<br>B.S. University of California-Irvine<br>M.S. University of Minnesota                             |
| PETRIMOUX, Linda<br>Payroll Manager  | REED, Jennifer<br>Coordinator-Possible Dream & Youth Development<br>B.S.; M.A. Central Michigan University  |
| PIECHOWIAK, Timothy<br>Printing Production Coordinator<br>A.A.S.; C.T. Delta College   | REEVES, Rosemary<br>Coordinator-Substance Abuse Prevention & Education Program<br>A.A. Delta College  |

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|  |  |
|--|--|
| REID, Fay<br>Student Finance Manager<br>B.S. Central Michigan University   | A.A. Delta College<br>B.S. Northern Michigan University  |
| RENNA, Pamela<br>Associate Professor of Foreign Languages<br>B.A. University of Oregon<br>M.A. University of Illinois<br>Ph.D. Brown University  | RUSSELL, Gerald<br>Corporate Services-Employment Services Advisor  |
| RESZKE, Cindy<br>Assistant Professor of Radiological Technology<br>A.A.S.; B.S. Ferris State University<br>M.A. Central Michigan University  | RUTH, Carl<br>Assistant Director-Counseling Advising, Career Services<br>B.S. Western Michigan University<br>M.A. Central Michigan University                                |
| REYES, Cynthia<br>Admissions Advisor<br>A.A. Delta College<br>B.A. Saginaw Valley State University   | SABLO-YATES, Maria<br>Assistant Professor of Foreign Languages<br>B.A.; M.A. University of Washington  |
| RICHA, Camille<br>Corporate Services-Service Instructor<br>A.A.S. Brookdale Community College-NJ<br>B.S. Pennsylvania College Technology   | SANDERS, Leslie<br>General Counsel & Director of Planning<br>B.A. Scripps College<br>J.D.; M.A. Wayne State University   |
| RIEDER, Andrew<br>Instructor of Art<br>B.A. North Carolina State University<br>M.F.A. Michigan State University  | SCHAAB, Nancy<br>Associate Professor of Psychology<br>B.S. University of Pittsburgh<br>M.A.; Ph.D. Ohio State University   |
| RIGGS, Kristin<br>Academic Advisor<br>B.A. Saginaw Valley State University   | SCHAFER, Spring<br>Instructor of Psychology<br>B.S.; M.S. Central Michigan University  |
| RIVET, Natascha<br>Associate Professor of Math & Computer Science<br>A.A.S. Delta College<br>B.A. Western Michigan University<br>M.A. Central Michigan University  | SCHUENEMAN, Bill<br>Assistant Professor of Computer Science & Information Technology<br>B.A. Michigan State University<br>C.T. Delta College<br>M.S. Ferris State University |
| ROBERSON, Mary<br>Associate Professor of Math & Computer Science<br>B.S.; M.S. University of Wyoming<br>M.S. Eastern Michigan University   | SCHUITMAN, Heidi<br>Assistant Professor of Speech<br>A.A. Delta College<br>B.A. Michigan State University<br>M.A. Central Michigan University                                |
| ROBERTSON, Mark<br>Professor of Biology<br>B.A. University of Virginia<br>M.S. Virginia Polytechnic Institute  | SCHULTZ, Brian<br>Corporate Services-Resource Coordinator/Welding Training<br>A.A.S. Delta College   |
| ROEBUCK, Dennis<br>Assistant Professor of Computer Science & Information Technology<br>B.A. Saginaw Valley State University<br>M.A. Central Michigan University  | SCHULTZ, Maureen<br>Laboratory Manager<br>B.S. Saginaw Valley State University<br>M.S. Miami University-OH   |
| ROMER, Scanlon<br>Professor of Economics<br>B.A. University of Minnesota<br>M.S. University of Utah  | SCHULTZ, Scott<br>Professor of Physics<br>B.A. Canisius College<br>M.S. North Carolina State University  |
| ROSEBERRY, Carolyn<br>Instructor of Office Administration & Technology<br>B.A. University of Michigan-Ann Arbor  | SEEBURGER, Scott<br>Business & Community Relations Coordinator<br>A.A. Delta College<br>B.A.A. Central Michigan University   |
| ROSIN, Steven<br>Associate Professor/Technical, Trades & Manufacturing Division Chair<br>A.A.S. Community College of the Air Force<br>B.A. Eastern Illinois University<br>M.A. Central Michigan University | SEGURA, Daniel<br>Associate Director/International Advising Coordinator<br>B.A. Saginaw Valley State University<br>M.A. Central Michigan University                          |
| ROZNOWSKI, James<br>Professor of Math & Computer Science<br>B.S.; M.A. Central Michigan University   | SERBUS, Gwen<br>Audience Services Coordinator  |
| RUMMEL, Randall<br>Specialist-Student Development<br>A.A.S. Delta College<br>A.B.S. University of Michigan-Ann Arbor   | SHARP, Ronald<br>Professor of Chemistry<br>B.S.; M.S. Central Michigan University  |
| RUSHDAN, Haneef<br>Corporate Services-Employment Services Advisor  | SHARPER, Howard<br>Manager of Programming/Production-FM  |
|  | SHEPPARD, Tiffany<br>Admissions Advisor<br>A.A.; A.B.S. Delta College<br>B.B.A. Northwood University   |
|  | SHURLOW, Amy<br>Campus Life Advisor<br>B.S. Central Michigan University<br>M.E. Saginaw Valley State University  |

- SIEH, April  
Associate Professor of Nursing  
B.S. Oakland University  
M.S. Wayne State University
- SIKA, Elvina  
Financial Aid Advisor  
B.S. Michigan State University  
M.S.A. Central Michigan University
- SMITH, Christine  
Academic Advisor  
B.A. University of Michigan-Ann Arbor
- SMITH, Galvann  
Coordinator-Police Academy  
B.A. Saginaw Valley State University
- SMITH, Lauren  
Instructor of English  
B.A. Emerson College  
M.A. Simmons College  
M.F.A. Bennington College  
Ph.D. University of Miami-FL
- SMITH, Pamela  
Associate Professor of Dental Assisting  
B.S. Ferris State University  
M.A. Saginaw Valley State University
- SMITH, Sarah  
Associate Professor of Sociology  
B.A.; M.A. University of Toledo-OH
- SMITH, Sol  
Instructor of English  
B.A. San Diego State University  
Ed.D. Walden University  
M.A. Goddard College
- SOMERS, Michael  
Assistant Professor of English  
B.A. Albion College  
M.A. Northern Michigan University
- SORRELS, Jeffrey  
Instructor of Speech  
B.A.; M.A. Stephen F Austin State University-TX
- SOUTHWELL, Donald  
Assistant Professor of Computer Science & Information Technology  
B.S.; M.S. Central Michigan University  
Ph.D. Eastern Michigan University
- SPITZ, Mike  
Professor of Physical Therapy  
A.A.S. Delta College  
B.S.; M.S.A. Central Michigan University
- SPREEMAN, Jamie  
Corporate Services-Employment Services Advisor
- STARKEY, Crystal  
Assistant Professor of English  
A.A. Delta College  
B.A. Siena Heights College  
M.A. Central Michigan University
- STEVENSON, JodiAnn  
Assistant Professor of English  
B.A. University of Michigan-Ann Arbor  
M.A. New Mexico State University  
M.F.A. Goddard College
- STITT, Teresa  
Associate Dean of Community Development  
B.S.; M.S. Alabama State University
- SUDERMAN, Kristin  
Corporate Services-Employment Services Advisor  
B.A. Alma College
- SULLIVAN, Matthew  
Facilities Planner  
A.A. Delta College  
B.S. University of Michigan-Ann Arbor
- SWARTHOUT, Audra  
Assistant Professor of Biology  
B.S.; M.S. Eastern Michigan University
- SYROPOULOS, Laurie  
Corporate Services-Dealer Communications Specialist  
B.S. Western Michigan University
- SZAFRANSKI, Wendy  
Instructor of Nursing  
B.S.N. Michigan State University  
M.S.N. Saginaw Valley State University
- TAYLOR, Kathleen  
Assistant Professor of Dental Hygiene  
A.A.S. Mott Community College  
B.S.; M.S. University of Michigan-Flint
- TECHLIN, Andrea  
Web Content Marketing Manager  
B.A. Saginaw Valley State University
- TEMPERLY, Deborah  
Professor of Biology  
B.S.; M.S. University of Illinois
- TETER, Gregory  
Associate Professor of Criminal Justice  
B.A. Mercy College Detroit  
M.S. University of Detroit
- THIBO, Sandra  
Aquatic Coordinator/Operations Assistant
- TRABALKA, Angela  
Instructor of English  
B.A.; M.A. Saginaw Valley State University
- TRAVERSE, Donovan  
Assistant Professor of Surgical Technology  
A.A.S. Delta College  
B.S. Michigan State University  
M.S. Central Michigan University
- TREADWAY, Karen  
Coordinator-Tutoring  
A.A. Delta College  
B.S.; M.A. Western Michigan University
- TRUSZKOWSKI, Patrick  
Assistant Professor of Biology  
A.A. Macomb Community College  
B.S. Eastern Michigan University  
M.A. Wayne State University  
M.A.T. Marygrove College
- ULLRICH, Elizabeth  
Assistant Professor of Political Science  
B.A. California State University  
M.A. Pennsylvania State University
- URBANIAK, David  
Director of Financial Aid  
A.A. Delta College  
B.A. Western Michigan University  
M.A. Saginaw Valley State University
- URBANO, Charissa  
Professor/Director, Faculty Center for Teaching Excellence  
B.S. Bowling Green State University-OH  
Ed.D.; M.A. Ball State
- URSUY, Andrea  
Executive Assistant to the President  
A.A.; A.B.S. Delta College  
B.B.A. Northwood University  
M.S. Eastern Michigan University

VADER-MCCORMICK, Nancy  
 Professor of Speech  
 B.S. Western Michigan University  
 M.A. Central Michigan University  
 Ph.D. University of Florida

VALKENBURG, James  
 Director-Teaching Learning Center  
 B.A.; M.A. William Paterson College

VANDE ZANDE, Jeffrey  
 Associate Professor of English  
 B.S. Northern Michigan University  
 M.A. Eastern Illinois University

VANDERLAAN, Ski  
 Assistant Professor of Accounting  
 B.S. Regis College  
 M.S. New Mexico State University

VANHOUTEN, Jacob  
 Associate Professor of Biology  
 A.A.S. Alpena Community College  
 B.S. Ferris State University  
 M.S. Central Michigan University

VINCENT, Delphine  
 Corporate Services-French Translation Specialist  
 A.A.; B.A. Foreign Colleges

WALLAKER, Ann  
 Corporate Services-Job Search Instructor  
 A.A. Delta College

WALLS, Morag  
 Associate Professor of Criminal Justice  
 B.A.; M.S. Michigan State University

WAXMAN, Ellen  
 Counselor  
 B.A. Herbert H Lehman College  
 M.A. Michigan State University

WEBB, Barbara  
 Director Business Services  
 A.A. Delta College  
 B.A.; M.A. Central Michigan University

WEEDMAN, Roslyn  
 Professor/English Division Chair  
 B.A.; M.A. University of Michigan-Ann Arbor

WELLS, Kimberly  
 Instructor of Electronic Media  
 B.S. Eastern Michigan University  
 M.A. Purdue University

WELLS, Thomas  
 Assistant Professor of Math & Computer Science  
 B.A.; B.S. Drake University  
 M.S. Montana State University

WENZEL, Kristen  
 Corporate Services-MI Works! Business Services Representative

WESTBROOK, Beverly  
 Associate Professor of Office Administration & Technology  
 B.A.; M.A. University of Iowa

WHEELER, Melanie  
 Counselor  
 B.S.; M.A. Central Michigan University

WHITAKER, E. Michele  
 Associate Professor of Criminal Justice  
 A.A. Delta College  
 B.A. Saginaw Valley State University  
 M.A. Central Michigan University

WHITE, Michelle  
 Manager of Cooperative Education and Experiential Learning  
 A.B.S. Delta College

WHITNEY, Shelly  
 Controller  
 B.A. Saginaw Valley State University  
 M.B.A. Central Michigan University

WIELAND, Debra  
 Corporate Services-Business Consultant  
 B.A.; M.B.A. Saginaw Valley State University

WIESENAUER, Eric  
 Instructor of Math & Computer Science  
 A.A.S. Delta College  
 B.S.; M.A. Central Michigan University

WILEY, Sarah  
 Associate Professor of History  
 B.A. University of Alabama  
 M.A. University of Montana

WILLIAMS, David  
 Associate Professor of Geography  
 B.S. Central Michigan University  
 M.A. Western Michigan University

WILLMANN, Mark  
 Corporate Services-Repair Manual Specialist  
 A.A.; B.S. Ferris State University  
 M.S. Central Michigan University

WILLMAN-ONSTOTT, Anna  
 Corporate Services-TAA Team Leader  
 B.A. Alma College

WILSON, Karen  
 Professor of Economics  
 A.A. Delta College  
 B.A. Saginaw Valley State University  
 M.A. Central Michigan University

WILSON, Ryan  
 Instructor of English  
 B.S. Ohio University  
 M.A. Depaul University-IL

WILTSE, Michael  
 Director-Law Enforcement & Training Center  
 A.A.S. Delta College  
 B.A. Ferris State University  
 M.A. Saginaw Valley State University

WITZKE, Steven  
 Public Safety Manager/Lieutenant  
 A.A.; A.A.S. Delta College

WOLF, Kirk  
 Associate Professor of Philosophy  
 A.B.S. Albright College  
 M.A.; Ph.D. University of Kansas

WOOD, Jack  
 LLIC Manager/Library Director  
 A.A. Delta College  
 M.L.S. Western Michigan University

WOOD, Michael  
 Director of Institutional Research  
 B.A. Tulane University  
 M.A.; M.Ap. St. Louisiana State University

WOODEN, Anne  
 Librarian-Government Documents & Reference  
 B.S. Eastern Michigan University  
 M.S. Wayne State University

WORTHING, Ralph  
 Professor of Psychology  
 B.S.; M.S. University of Wisconsin  
 Ph.D. Iowa State University

---

WORTHINGTON, Timothy  
Corporate Services-MI Works! Business Services Representative  
A.A. Holy Cross Junior College-IN  
B.A. Curry College

WOTTA, Carol  
Financial Aid Advisor  
A.A. Delta College

WYMAN, Antoinette  
Instructor of Nursing  
A.A.S. Oakland Community College  
B.S.N. Eastern Michigan University  
M.S.N. Michigan State University

WYZKIEWICZ, Kevin  
Assistant Professor of Computer Science & Information Technology  
A.A.S. Delta College  
B.S.; M.A. Saginaw Valley State University

YEZAK, Joseph  
Television Program Manager  
B.S. Northern Michigan University

ZENZEN, Wanda  
Assistant Professor of Nursing  
A.A. Henry Ford Community College  
B.S.N.; M.S. University of Michigan-Ann Arbor  
Ph.D Oakland University

ZIEMAN, Beth  
Associate Professor of Nursing  
A.A.S.; A.B.S. Delta College  
B.S.N. Regents School of Nursing  
M.S.N. Saginaw Valley State University

ZIOLKOWSKI, Lori  
Instructor of Management  
A.A. Delta College  
B.S. Michigan State University



# Definitions of College Terms

Don't get lost in College jargon. Understand these terms, which generally are common to all colleges, and your academic life will be easier.

**Academic Year:** September through the following August. Includes the Fall Semester, Winter Semester, Spring Semester, and Summer Session.

**Academic Credits:** See Credits.

**Accredited:** Certified by a specific state, regional, or national organization as meeting standards of quality in instruction, staffing, facilities, finances, and policies.

**Add:** Changing your schedule by adding a course after your initial registration.

**Admission:** Being accepted by Delta so you can register for courses.

**Assessment:** Basic skills tests in English, reading, and math to assist you in selecting courses at the appropriate level. Generally, assessment is required for new students.

**Associate Degree:** Degree (diploma) granted after successful completion of a program of study which has a minimum of 62 credits.

**Audit:** Registering for and attending a course, but receiving no grade or credits. Regular tuition and fees must be paid. Audits do not count toward completion of a program or graduation.

**Caution:** A warning status due to low grades.

**Centers:** See maps, in this section.

**Certificate:** Document granted upon successful completion of a program of study which has less than 62 credits.

**Concurrent Course:** Often referred to as Corequisite. A course that must be taken during the same semester as another course is taken. Concurrent courses are listed at the beginning of the course description. See Section VI for Academic Course Descriptions.

**Contact Hours:** The total hours of lecture and laboratory instruction required for each course.

**Corequisite:** See Concurrent Course.

**Course:** A single subject, such as ENG 111, taken for one semester.

**Course Guide Booklet:** A Delta publication which lists all the courses being offered, and the registration schedule. The course guides are published for each semester and are available online.

**Credits:** Also referred to as Academic Credits, Credit Hours, and Semester Hours. Each course is assigned a number of credits which generally indicates the number of hours per week the class meets; i.e., a three credit course generally meets three hours each week. Courses with labs and occupational courses, however, generally meet more hours than the number of credits they carry. Tuition and fees are ordinarily charged by credit.

**Curriculum:** See Program of Study.

**Drop:** Changing your schedule by dropping a course after your initial registration.

**Dual Degree:** An Associate degree that is earned by completing two specified curricula concurrently. Approved curricula combinations are listed in Section III, Programs, Dual Degrees.

**Elective:** A course you may elect (choose) to take as opposed to a course you are required to take.

**Fees:** Special charges for courses or services other than tuition.

**Financial Aid:** Money received from various sources (grants, loans, scholarships, jobs) to help students with college costs. Most, but not all, forms of aid are based on financial need.

**Financial Aid Transcript:** A document you are required by federal regulations to have every other college you attended send to the Delta College Financial Aid Office, which lists any federal aid you may have received or states that you received no aid. Required of financial aid recipients before aid can be awarded.

**Freshman:** Academic student who has earned 29 or fewer credits.

**Full-Time Student:** Enrolled in 12 or more credits in a semester.

**G.E.D. (General Educational Development):** A high school equivalency certificate for adults who did not receive the traditional high school diploma. It is earned by passing the national G.E.D. exam, which may be taken through Delta Assessment/Testing Services Office.

**General Education:** A group of courses in the areas of social science, natural/physical science, communication, and humanities which provide a common and broadly-based body of knowledge.

**GPA (Grade Point Average):** The GPA is determined by dividing the grade points earned (see definition of grade points) by the number of credits attempted, excluding courses in which you received final grades of "P," "I," "X," "WL," "W," or "NC." The semester GPA includes grades in each semester; the cumulative GPA includes grades from all semesters at Delta.

**Grade Dispute:** The process available to you if you do not agree with the grade you received in a course. See Section IV, Academic Policies and Information, Disputed Final Grade Policy.

**Grade Ombudsman:** The staff member who will provide you with information and assistance in understanding and following the Grade Dispute process. For name of person, contact Senate Office at 686-9297.

**Grade Points:** Numerical values assigned to a letter grade for a course ("A" = 4 pts., "B" = 3 pts., "C" = 2 pts., "D" = 1 pt., "F" = 0 pts.), which are then multiplied by the number of credits assigned to the course; i.e., a "B" grade for a three credit course would have three grade points x three credits = 9 grade points.

**Graduation Requirements:** Specific steps you must successfully complete to qualify for a degree or certificate. See Section IV, Academic Policies & Information, Graduation Requirements for details.

**Grants:** Money provided for educational expenses which does not have to be repaid; also called "gift aid."

**In-District Student:** A legal resident of Bay, Midland, or Saginaw county as defined by the Delta College residency policy.

**Instructor-Initiated Drop:** Being dropped from your course by your instructor for either lack of attendance or lack of the required prerequisites.

**Loans:** Money you borrow from your bank or credit union for educational expenses which must be repaid after you leave school.

**MACRAO:** A transfer agreement between many Michigan two- and four-year colleges, which standardizes the basic general education requirements. See Section III, Programs for details.

**Ombudsman:** See Grade Ombudsman.

**Orientation:** A program you will participate in as a new Delta student, which will acquaint you with the College facilities, programs, services, and procedures and during which a counselor will assist you in reviewing your program and selecting your courses.

**Out-of-District Student:** A legal resident of Michigan, residing in a county other than Bay, Midland, or Saginaw.

**Out-of-State Student:** A legal resident of a state other than Michigan or of a foreign country.

**Part-Time Student:** Enrolled in less than 12 credits in a semester.

**Prerequisite:** Courses which must be successfully completed or requirements which must be met before enrolling in a specific course. Prerequisites are listed at the beginning of the course description. See Section VI for Academic Course Descriptions.

**Probation:** A warning status due to low grades or improper conduct.

**Program of Study:** A group of specific courses which you are required to complete successfully in order to qualify for a degree or certificate.

**Registration:** The time when you enroll in your courses and pay your tuition and fees. See Section II, Enrollment, Registration for details.

**Required Course:** A course in your program that you must take as opposed to one that you elect (choose) to take.

**Semester:** Generally 15 weeks in length. The three semesters in an academic year at Delta are Fall (late August through December), Winter (January through April), and Summer (May through August, 13 weeks).

**Semester Hours:** See Credits.

**Session:** Generally 7 or 7 1/2 weeks in length, which is half the length of a semester. The two primary sessions in an academic year at Delta are Spring (May through June) and Summer (July through August).

**Service Credits:** Credits assigned to non-credit courses. These credits are not applicable to a Delta Associate degree or Certificate and are not transferable to other colleges.

**Sophomore:** Academic student who has earned 30 or more credits.

**Suspension:** Being required to leave Delta College due to a very low grade point average or unacceptable conduct.

**Transcript:** Your official Delta College record listing all academic courses attempted with grades, credits, and grade points; all transfer credits accepted; and credit awarded by examination or advanced placement; and your cumulative GPA.

**Transfer:** The official process of moving from attendance at one college or university to attendance at another college or university.

**Tuition:** The money you pay the college for instruction and services. A dollar amount is assigned to each credit. Tuition is determined by multiplying the dollar amount by the number of credits for which you are registering. In-District, Out-of-District, and Out-of-State tuition rates are different. See Course Guide booklet for current tuition rates.

**Withdrawal:** Dropping all of your courses and leaving Delta College. Official withdrawal must be done through the Registrar's Office.

**Suspension:** Being required to leave Delta College due to a very low grade point average or unacceptable conduct.

**Transcript:** Your official Delta College record listing all academic courses attempted with grades, credits, and grade points; all transfer credits accepted; any credit awarded by examination or advanced placement; and your cumulative GPA.

**Transfer:** The official process of moving from attendance at one college or university to attendance at another college or university.

**Tuition:** The money you pay the College for instruction and services. A dollar amount is assigned to each credit. Tuition is determined by multiplying the dollar amount by the number of credits for which you are registering. In-District, Out-of-District, and Out-of-State tuition rates are different. See the Academic Class Schedule booklet for current tuition rates.

**Withdrawal:** Dropping all of your courses and leaving Delta College. Official withdrawal must be done through Records & Registration.



# Who to Contact

Area Code is 989

Call Toll-Free from ..... Bay City/Saginaw 686 + Extension  
Midland/Auburn 495-4000, Birch Run/Frankenmuth/Reese/Vassar 758-3400

| Questions About:                             | Who to Contact (e-mail)                                 | Office                       | Extension |
|--|---|------------------------------|-----------|
| Academic Advising                            | Counseling/Advising (counsel@delta.edu)                 | D102                         | 9330      |
| Academic Standards                           | Registrar's Office (regis@delta.edu)                    | D101                         | 9305      |
| Academic Testing                             | Testing Center (testingcenter@delta.edu)                | A133                         | 9182      |
| Adding Courses                               | Registrar's Office (regis@delta.edu)                    | B100                         | 9305      |
| Adjunct Faculty Support                      | Instructional Support Services (iss@delta.edu)          | J102                         | 9515      |
| Admissions                                   | Admissions (admit@delta.edu)                            | D101                         | 9092      |
| Affirmative Action                           | Equity Office (equityoffice@delta.edu)                  | J101                         | 9547      |
| African-American Services                    | Student Diversity & Inclusion (multicultural@delta.edu) | A003                         | 9865      |
| Apprenticeship/Skilled Trades                | Skilled Trades (skilledtrades@delta.edu)                | M128                         | 9476      |
| Assessment/Testing Services                  | Testing Center (testingcenter@delta.edu)                | A133                         | 9182      |
| Athletics, Intercollegiate                   | Athletic Office (gregorymallek@delta.edu)               | D102                         | 9477      |
| Bookstore                                    | Bookstore (bookstore@delta.edu)                         | Courtyard Level - Food Court | 9030      |
| Bridge Program for Underprepared Students    | Bridge Program (bridge@delta.edu)                       | D102                         | 9163      |
| Broadcasting                                 | Broadcasting (wdcq@delta.edu, wucx@delta.edu)           | A034                         | 9362      |
| Bus Schedule (route information)             | Bay Metro (www.baymetro.com)                            | Bay City                     | 894-2900  |
|  | Saginaw Transit-STARs (www.saginaw-stars.com)           | Saginaw                      | 907-4000b |
| Career Information                           | Career Services (counsel@delta.edu)                     | D132                         | 9072      |
| Caution Status                               | Registrar's Office (regis@delta.edu)                    | B100                         | 9305      |
| Clubs & Organizations                        | Student Engagement Office (slgeorge@delta.edu)          | A003-WCL                     | 9865      |
| American Marketing Assns. Collegiate Chapter | Dawn Fairchild(dawnfairchild@delta.edu)                 | G110                         | 9220      |
| ASL (American Sign Language)                 | Paul Bowen (paulbowen@delta.edu)                        | S045                         | 9408      |
| Baseball Club                                | Larry Ramseyer (larryramseyer@delta.edu)                | B162                         | 9234      |
| Black Student Union                          | Shawntaye Adams (shawntayeadams@delta.edu)              | G210                         | 9130      |
| Bowling Club                                 | Michael Wiltse (michaelwiltse@delta.edu)                | N102                         | 9110      |
| Collegiate DECA                              | Gregory Hubner (gregoryhuber@delta.edu)                 | A074-ECL                     | 9043      |
| Criminal Justice Society                     | E. Whitaker (emwhitaker@delta.edu)                      | G126                         | 9063      |
| Delta Tutorial Association                   | Elizabeth Dewey (ebdewey@delta.edu)                     | A118                         | 9587      |
| Dental Assisting Student Society             | Pam Smith (pamelsmith@delta.edu)                        | F43                          | 9565      |
| Entrepreneurship Club                        | Ralph Griffith (ralphgriffith@delta.edu)                | F231                         | 9277      |
| Environmental Club                           | Wendy Baker (wjbaker@delta.edu)                         | F211                         | 9306      |
| Equestrian Club                              | Aletha Freeburn (alethafreeburn@delta.edu)              | J102                         | 9515      |
|  | Tom Pfundt (thomaspfundt@delta.edu)                     | P025                         | 9221      |
| Film Club                                    | Mitch Jarosz (mhjarosz@delta.edu)                       | S010                         | 9165      |
|  | Ryan Wilson (ryanwilson2@delta.edu)                     | S052                         | 9152      |
| Heritage Group                               | Prince Robertson (princerobertson@delta.edu)            | B136                         | 9681      |
|  | Carl Ruth (ceruth@delta.edu)                            | D102                         | 9667      |
| Hockey Club                                  | Paula Cornell (paulacornell@delta.edu)                  | F224                         | 9421      |
| Honors Leadership Board                      | Julia Fogarty(jtfogart@delta.edu)                       | A008-WCL                     | 9617      |
| InterVarsity Christian Fellowship            | Joyce Howard(jahoward@delta.edu)                        | J102                         | 9515      |
|  | Eric Wiesenauer (ericwiesenauer@delta.edu)              | G205                         | 9761      |
| Phi Theta Kappa-Xi Delta Chapter             | Jeff Sorrels (jeffreysorrels@delta.edu)                 | S250                         | 9485      |
| PTA Club                                     | Mike Spitz (amspitz@delta.edu)                          | P172                         | 9478      |
| Radiography Club                             | Cindy Kramer Reszke (cindyreszke@delta.edu)             | F057                         | 9430      |
| SOHL - Society of Hispanic Leaders           | Diana Gutierrez (dianagutierrez@delta.edu)              | D120                         | 9434      |
| Student Nurse Association                    | Janet Massoglia (janetmassoglia@delta.edu)              | F218                         | 9280      |
|  | Wanda ZenZen (wandazenzen@delta.edu)                    | F208                         | 9193      |
| Student Senate                               | Ski VanderLaan (skivanderlaan@delta.edu)                | A077-ECL                     | 9419      |
| Students for Sustainability                  | Linda Petee (lindapetee@delta.edu)                      | B163b                        | 9209      |
| Writing Center Cafe Club                     | Crystal Starkey (crystalstarkey@delta.edu)              | S002                         | 9534      |
| Collegiate (Student Newspaper)               | Collegiate Office (collegiate@delta.edu)                | A004-WCL                     | 9337      |
| Computer Lab                                 | LLIC (library@delta.edu)                                | A110                         | 9513      |
| Conduct, Rules & Regulations                 | Vice President of Student Services                      | B134                         | 9339      |
| Conferences & Special Events                 | Business Services (busoff@delta.edu)                    | B116                         | 9036      |
| Cooperative Education (Career Experience)    | Coop & Exp. Learning (coop@delta.edu)                   | A008-WCL                     | 9474      |
| Corporate Services                           | Corporate Services (info@corpserv.delta.edu)            | H Wing                       | 3602      |
| Counseling/Advising/Career Services          | Counseling/Advising (counsel@delta.edu)                 | D102                         | 9330      |
| Delta's Closet                               | Lori Ziolkowski (loriziolkowski@delta.edu)              | F222                         | 9384      |
| Dental Clinic                                | Dental Clinic   | F140                         | 9469      |
| Disability Services                          | Disability Services (disabilityservices@delta.edu)      | D106                         | 9322      |
| Dismissal Status                             | Registrar's Office (regis@delta.edu)                    | D100                         | 9305      |
| Disputed Grades                              | Grade Ombudsman (kjtreadway@delta.edu)                  | A118                         | 9275      |
| Dropping Courses                             | Registrar's Office (regis@delta.edu)                    | B100                         | 9305      |
| eLearning                                    | eLearning (elearning@delta.edu)                         | J102                         | 9088/9580 |
| Emergencies, Illness, or Injury              | Public Safety & Training (cops@delta.edu)               | N102                         | 9111      |
| Non-Emergency Calls                          | Public Safety & Training (cops@delta.edu)               | N102                         | 9113      |
| Employment (Student)                         | Career Services   | D132                         | 9072      |
| Equity Compliance                            | Equity Office(equityoffice@delta.edu)                   | J101                         | 9512      |
| Fantastics                                   | Youth Development (fantast@delta.edu)                   | D101                         | 9185      |

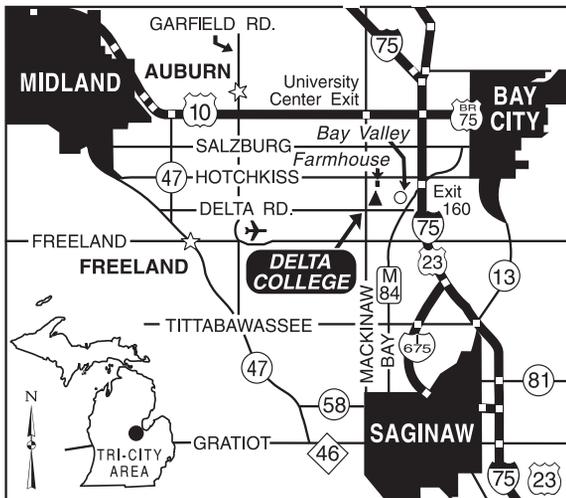
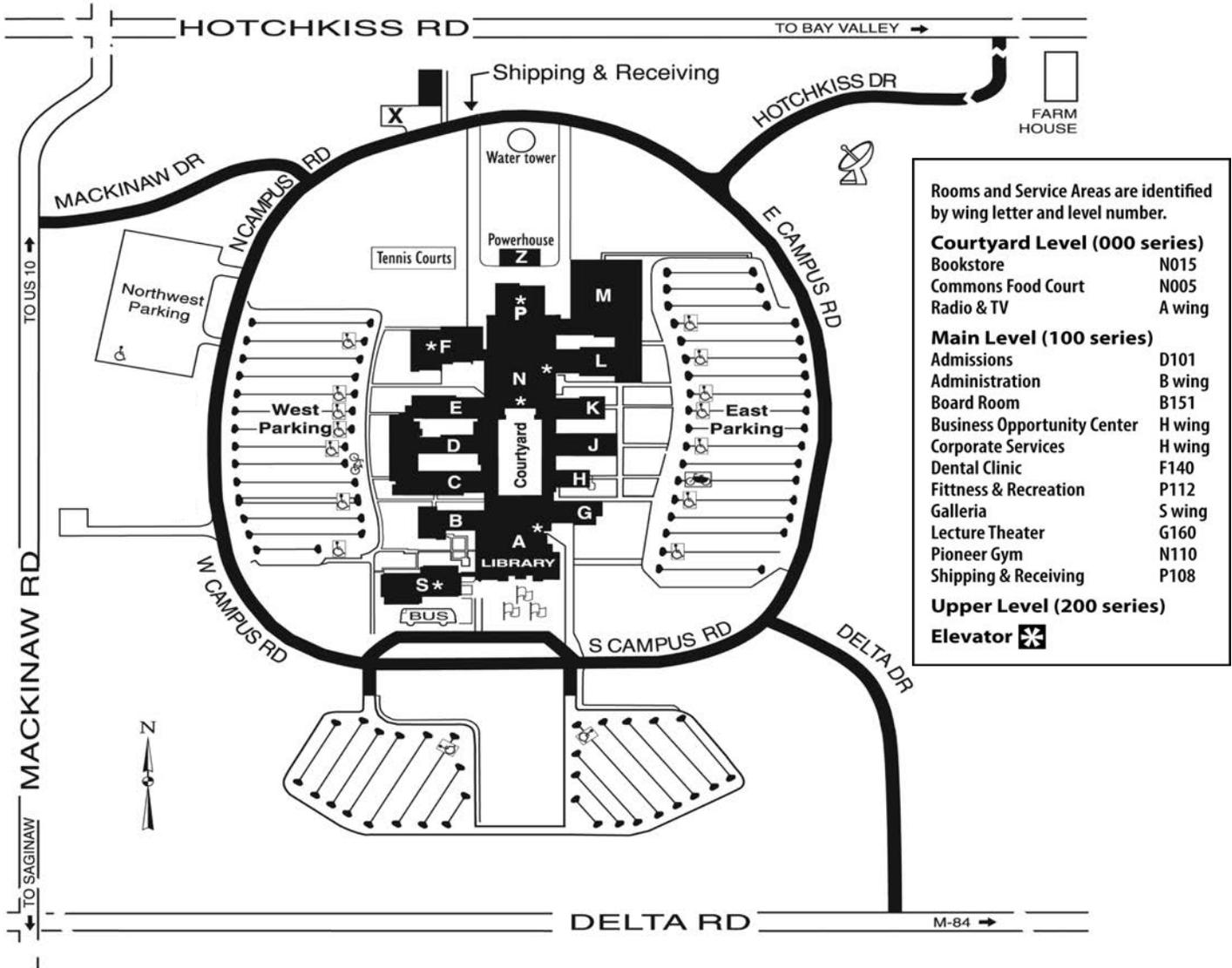
| Questions About:  | Who to Contact (e-mail)                                 | Office                       | Ext.     |
|---|---|------------------------------|----------|
| FERPA   | Registrar's Office (regis@delta.edu)                    | B100                         | 9449     |
| Finances (student)  | Student Finance Office (finance@delta.edu)              | B100                         | 9333     |
| Financial Aid   | Financial Aid (finaid@delta.edu)                        | D101                         | 9080     |
| Fire Science /EMS   | Coordinator (firesci@delta.edu)                         | M128                         | 9020     |
| Fitness and Recreation                                      | Fitness & Recreation Center (fitness@delta.edu)         | P112                         | 9026     |
| Food Pantry   | Director, Sharon Everhardt (sharoneverhardt@delta.edu)  | S207                         | 9506     |
| Food Services   | Food Services (foodservices@delta.edu)                  | N020                         | 9035     |
| Foundation Office   | Foundation Office (foundation@delta.edu)                | A013                         | 9224     |
| Global Awareness (International/Intercultural)              | Coop & Exp. Learning (coop@delta.edu)                   | A008-WCL                     | 9474     |
| Grade Ombudsman   | Karen Treadway (kgtreadw@delta.edu)                     | A118                         | 9275     |
| Grades  | Registrar's Office (regis@delta.edu)                    | B100                         | 9305     |
| Graduation, Requirements & Applications                     | Registrar's Office (regis@delta.edu)                    | B100                         | 9305     |
| Harassment  | Equity Officer (equityoffice@delta.edu)                 | J101                         | 9512     |
| Honors Program /Honors Leadership Board                     | Honors Office (honors@delta.edu)                        | A008-WCL                     | 9091     |
| Incomplete Grades   | Course Instructor                                       | —                            | —        |
| Institutional Advancement                                   | Executive Director                                      | B156                         | 9225     |
| Intercollegiate Sports                                      | Athletics Director (gregorymallak@delta.edu)            | D102                         | 9477     |
| International/Intercultural Programs                        | Coop & Exp. Learning (coop@delta.edu)                   | A008-WCL                     | 9474     |
| Internet Courses  | eLearning (elearning@delta.edu)                         | J102                         | 9088     |
| Internships   | Coop & Exp. Learning (coop@delta.edu)                   | A008-WCL                     | 9474     |
| Intramural Sports   | Athletic Director (gregorymallak@delta.edu)             | D102                         | 9477     |
| Jobs, Part/Full-Time (Student)                              | Career Services (jobplace@delta.edu)                    | D132                         | 9074     |
| Judicial/Due Process  | Dean of Student & Educational Services                  | B134                         | 9512     |
| Library Learning Information Center (LLIC)                  | Library (library@delta.edu)                             | A110                         | 9560     |
|   | Testing Center (testingcenter@delta.edu)                | A133                         | 9182     |
|   | Computer lab  | A110                         | 9513     |
|   | Teaching Learning Center (tlc@delta.edu)                | A110                         | 9314     |
| LifeLong Learning Classes                                   | (lifelonglearning@delta.edu)                            | H-Wing                       | 9444     |
| Lost and Found  | Public Safety & Training (cops@delta.edu)               | N102                         | 9113     |
| MI Small Business & Tech Development                        | MI Small Bus & Tech Devel Center (sbtdc @delta.edu)     | H Wing                       | 9597     |
| Midland Center (See Maps in this section)                   | Midland Center (laholoman@delta.edu)                    | Midland                      | 495-4010 |
| Multi-Cultural Services                                     | Student Diversity & Inclusion (multicultural@delta.edu) | D101                         | 9185     |
| Orientation for New Students                                | Admissions (admit@delta.edu)                            | D101                         | 9093     |
| Parking   | Public Safety (cops@delta.edu)                          | N102                         | 9113     |
| Payment Plan (Tuition)                                      | Student Finance Office (finance@delta.edu)              | B100                         | 9333     |
| Personal/Career Advising                                    | Counseling/Advising (counsel@delta.edu)                 | D102                         | 9330     |
| Planetarium & Learning Center<br>(See Maps in this section) | Planetarium (planet@delta.edu)                          | Bay City                     | 667-2260 |
| Police  |   |                              |          |
| Campus Security   | Public Safety & Training (cops@delta.edu)               | N102                         | 9113     |
| Police Academy  | Police Academy  | N102                         | 9176     |
| Possible Dream Program                                      | Youth Development (posdream@delta.edu)                  | D101                         | 9185     |
| Probation Status  | Registrar's Office (regis@delta.edu)                    | B100                         | 9305     |
| Public Information  | Marketing & Public Information (leannegovitz@delta.edu) | B155                         | 9490     |
| Records (Student)   | Registrar's Office (regis@delta.edu)                    | B100                         | 9305     |
| Recreation  | Fitness & Recreation Center (fitness@delta.edu)         | P112                         | 9026     |
| Recycling   | Facilities Management (facilities@delta.edu)            | B163                         | 9209     |
| Registration  | Registrar's Office (regis@delta.edu)                    | B100                         | 9305     |
| Residency Qualifications                                    | Registrar's Office (regis@delta.edu)                    | B100                         | 9305     |
| Ricker Center (See Maps in this section)                    | Ricker Center   | Saginaw                      | 752-7500 |
| Rights, Student   | Dean of Student and Educational Services                | B134                         | 9512     |
| Room Scheduling   | Scheduling Office (roomscheduling@delta.edu)            | B132                         | 9494     |
| Sailing School  | Lifelong Learning(lifelonglearning@delta.edu)           | H-Wing                       | 9444     |
| Security, Campus  | Public Safety & Training (cops@delta.edu)               | N102                         | 9113     |
| Service-Learning  | Coop & Exp. Learning (coop@delta.edu)                   | A008-WCL                     | 9474     |
| Skilled Trades, Apprenticeship                              | Manager (skilledtrades@delta.edu)                       | M128                         | 9476     |
| Small Business  | MI Small Bus & Tech Devel Center (sbtdc @delta.edu)     | H Wing                       | 9597     |
| Sports (Intramural)   | Athletic Director (gregorymallak@delta.edu)             | D124                         | 9477     |
| Student Food Pantry   | Sharon Everhardt (sharoneverhardt@delta.edu)            | S207                         | 9506     |
| Teaching/Learning Center Services                           | LLIC Teaching/Learning Center (tlc@delta.edu)           | A110                         | 9314     |
| Testing Center  | Testing Center (testing center@delta.edu)               | A133                         | 9182     |
| Textbooks & Class Supplies                                  | Bookstore (bookstore@delta.edu)                         | Courtyard Level - Food Court | 9030     |
| Traffic Regulations & Violations                            | Public Safety & Training (cops@delta.edu)               | N102                         | 9113     |
| Transcript Requests   | Registrar's Office (regis@delta.edu)                    | B100                         | 9305     |
| Transfer Credit Acceptance                                  | Registrar's Office (regis@delta.edu)                    | B100                         | 9305     |
| Transfer to Another College                                 | Counseling/Advising (counsel@delta.edu)                 | D102                         | 9330     |
| Transferability of Delta Courses                            | Counseling/Advising (counsel@delta.edu)                 | D102                         | 9330     |
| Tutoring  | LLIC Teaching/Learning Center (tlc@delta.edu)           | A110                         | 9314     |
| Veterans Benefits, Certification & Information              | Veterans Services Office (vets@delta.edu)               | B100                         | 9465     |
| Volunteer Services  | Coop & Exp. Learning (coop@delta.edu)                   | A008-WCL                     | 9474     |
| Withdrawal from College                                     | Registrar's Office (regis@delta.edu)                    | B100                         | 9305     |

WCL = West Courtyard Level

 On the Web: [www.delta.edu/atoz](http://www.delta.edu/atoz)



# Delta College Main Campus

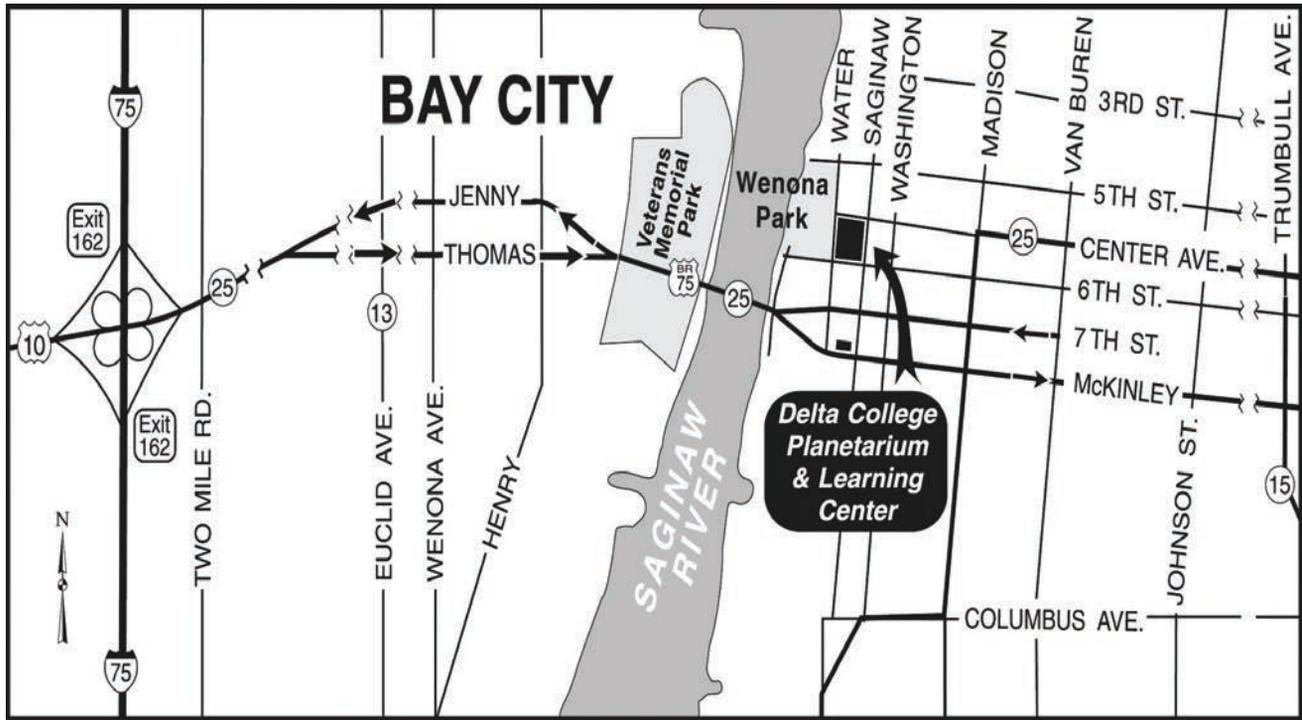


## From I-75

Take exit 160. Turn south onto M 84. Go approximately 1/4 mile to the second traffic light and turn west onto Delta Road. Travel 1 1/4 miles and the College is on the right.

## From US-10

Exit south at the Mackinaw Road exit onto Mackinaw Road. Travel about 2 1/4 miles, past the light at the Hotchkiss Road intersection. College entrance is on the left.



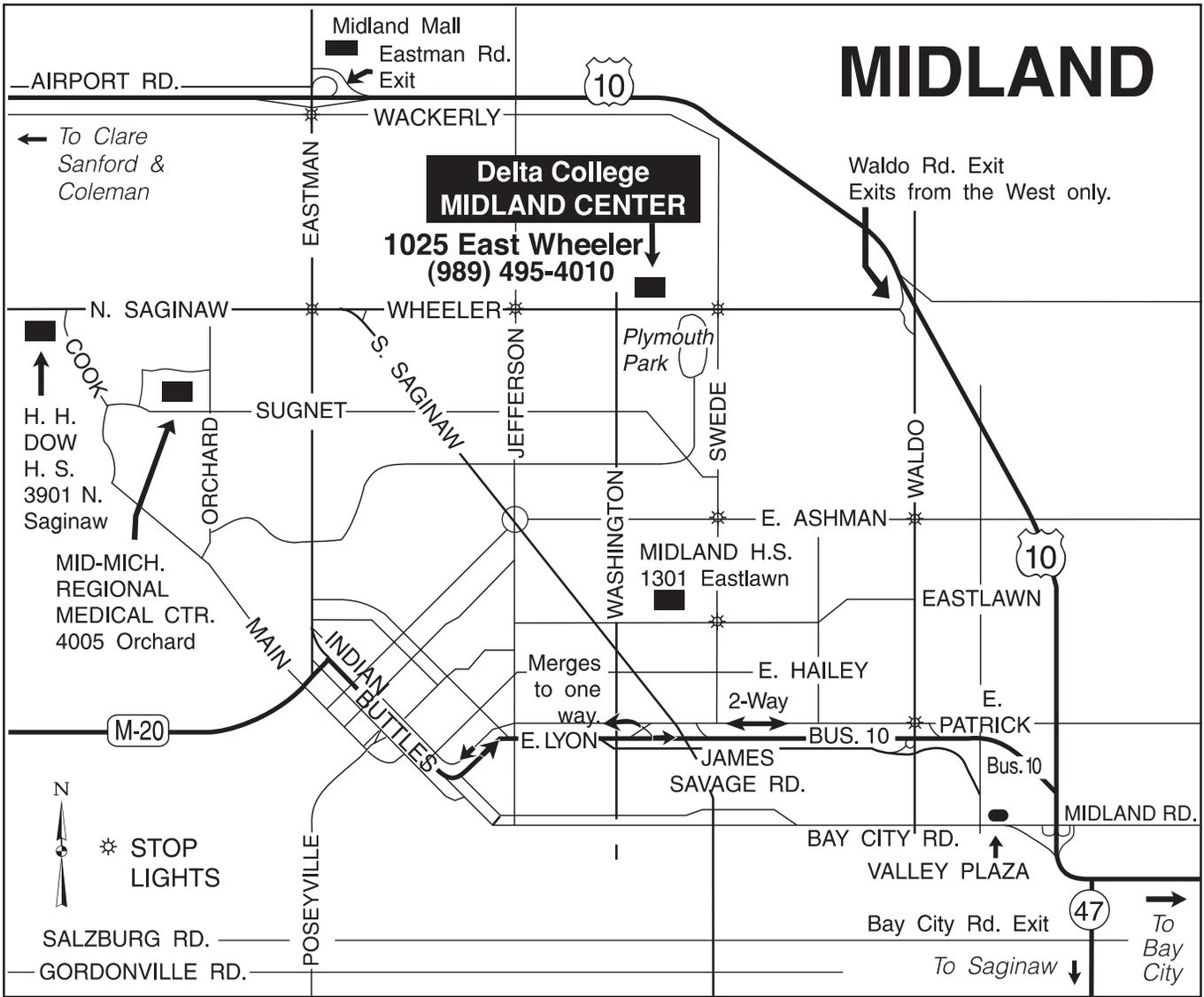
## Bay City Planetarium & Learning Center

100 Center Avenue

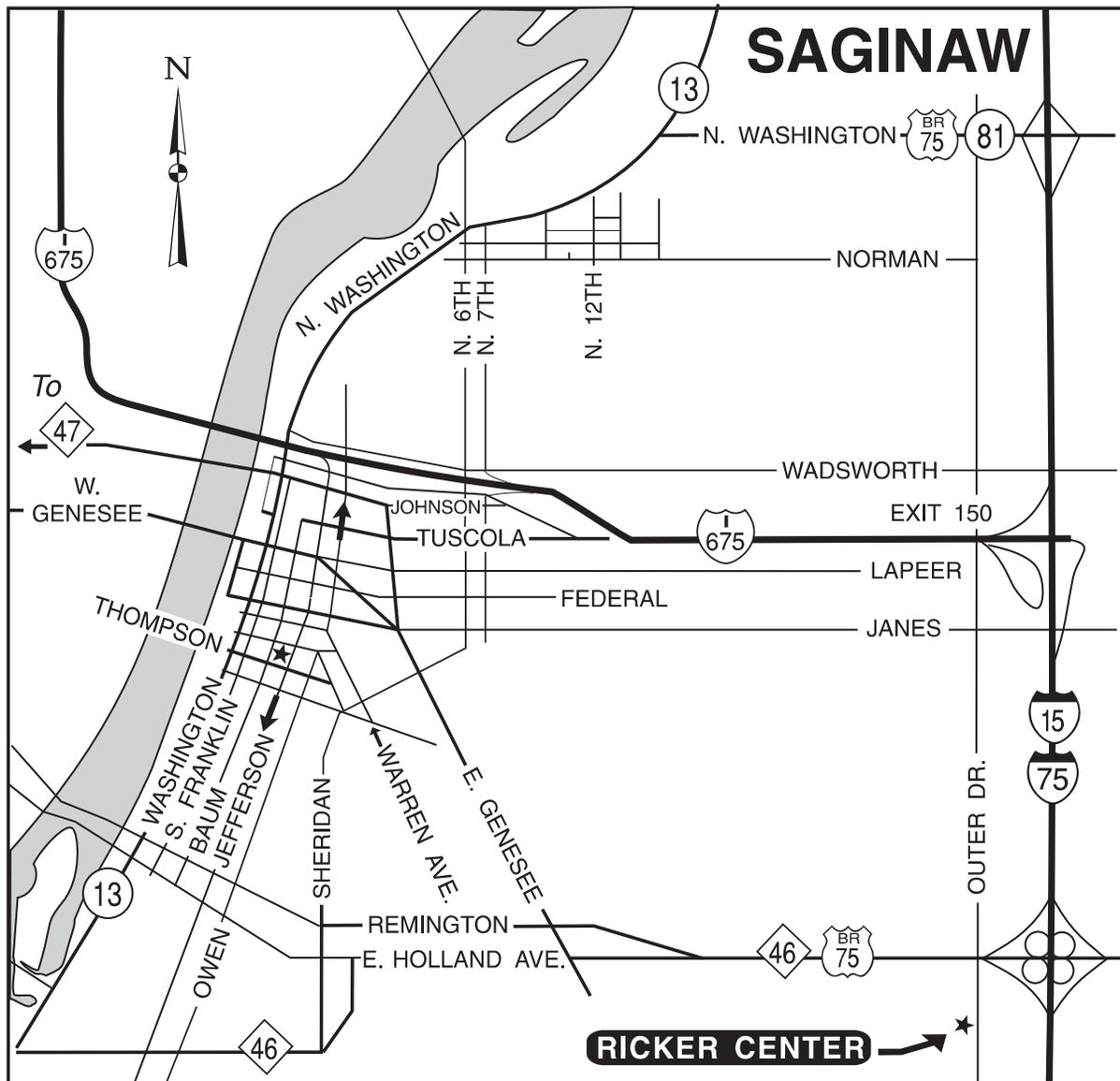
Bay City MI 48708

Phone: (989) 667-2260

Fax: (989) 667-2266



**Midland Center**  
**1025 East Wheeler Street**  
**Midland MI**  
**Phone: (989) 495-4010**  
**Fax: (989) 495-4018**



## Saginaw Ricker Center

1925 S. Outer Drive

Saginaw MI 48601

Phone: (989) 752-7500

Fax: (989) 752-9762



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# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name   | Title                | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates         |
|--|----------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|---------------|
| CST 093-FA210  | BEGINNING INTERNET   | Compressed  | LCLB      | DLTA     | MW   | 4:00P - 5:25P   | A123 | 0.5          | 18  | 10  | 10/24 - 11/16 |
| CST 093-FA625  | BEGINNING INTERNET   | Compressed  | LCLB      | RICK     | TR   | 10:30A - 11:55A | 141  | 0.5          | 15  | 14  | 10/13 - 11/1  |
| Note: Learning Community Course. Student must also enroll in ENG090 FA625, MTH 092 FA625, CST 091 FA625, and CST 094 FA625. Click Learning Communities for more information.   |                      |             |           |          |      |                 |      |              |     |     |               |
| CST 093-FA635  | BEGINNING INTERNET   | Compressed  | LCLB      | DLTA     | MW   | 10:00A - 11:25A | A125 | 0.5          | 15  | 11  | 10/12 - 10/31 |
| Note: Learning Community Course. Student must also enroll in ENG090 FA635, MTH 092 FA635, SCI 099 FA635, CST 091FA635, and CST094 FA635. Click Learning Communities for more information.  |                      |             |           |          |      |                 |      |              |     |     |               |
| CST 093-FA645  | BEGINNING INTERNET   | Compressed  | LCLB      | DLTA     | MW   | 2:30P - 3:55P   | A125 | 0.5          | 15  | 12  | 10/12 - 10/31 |
| Note: Learning Community Course. Student must also enroll in ENG090 FA645, MTH 092 FA645, COM 112 FA645, CST 091 FA645, and CST094 FA645. Click Learning Communities for more information. <a href="http://www.delta.edu/pages/10924.aspx">http://www.delta.edu/pages/10924.aspx</a> SustainabilityRelatedCourse   |                      |             |           |          |      |                 |      |              |     |     |               |
| CST 094-FA210  | BEGIN COMP APPLIC    | Compressed  | LCLB      | DLTA     | MW   | 4:00P - 5:25P   | A123 | 0.5          | 18  | 8   | 11/28 - 12/14 |
| CST 094-FA625  | BEGIN COMP APPLIC    | Compressed  | LCLB      | RICK     | TR   | 10:30A - 11:55A | 141  | 0.5          | 15  | 14  | 11/3 - 11/22  |
| Note: Learning Community Course. Student must also enroll in ENG090 FA625, MTH 092 FA625, CST 091 FA625, and CST 093 FA625. Click Learning Communities for more information.   |                      |             |           |          |      |                 |      |              |     |     |               |
| CST 094-FA635  | BEGIN COMP APPLIC    | Compressed  | LCLB      | DLTA     | MW   | 10:00A - 11:25A | A125 | 0.5          | 15  | 10  | 11/2 - 11/21  |
| Note: Learning Community Course. Student must also enroll in ENG090 FA635, MTH 092 FA635, SCI 099 FA635, CST 091FA635, and CST093 FA635. Click Learning Communities for more information.  |                      |             |           |          |      |                 |      |              |     |     |               |
| CST 094-FA645  | BEGIN COMP APPLIC    | Compressed  | LCLB      | DLTA     | MW   | 2:30P - 3:55P   | A125 | 0.5          | 15  | 11  | 11/2 - 11/21  |
| Note: Learning Community Course. Student must also enroll in ENG090 FA645, MTH 092 FA645, COM 112 FA645, CST 091 FA645, and CST093 FA645. Click Learning Communities for more information. <a href="http://www.delta.edu/pages/10924.aspx">http://www.delta.edu/pages/10924.aspx</a> SustainabilityRelated Course  |                      |             |           |          |      |                 |      |              |     |     |               |
| DH 219W-FA110  | CASE STUDY DOC 1     | Compressed  | LCLB      | DLTA     | T    | 11:30A - 1:25P  | F135 | 0.5          | 18  | 15  | 9/12 - 12/12  |
| Note: Class does not meet every week. See syllabus for details.  |                      |             |           |          |      |                 |      |              |     |     |               |
| LWA 206C-FA110   | OCCUPATION WELLNE    | Compressed  | LCLB      | DLTA     | M    | 8:00A - 8:55A   | P211 | 0.5          | 18  | 12  | 9/13 - 10/24  |
| Note: Reserved for Sonography students ONLY.   |                      |             |           |          |      |                 |      |              |     |     |               |
| PTA 205-FA110  | PHYSICAL AGENTS II   | Compressed  | LCLB      | DLTA     | F    | 9:30A - 10:25A  | F250 | 0.5          | 20  | 18  | 9/2 - 11/11   |
| PTA 205L-FA110   | PHY AGENTS II LAB    | Compressed  | LCLB      | DLTA     | F    | 10:30A - 12:25P | F250 | 0.5          | 10  | 8   | 9/2 - 11/11   |
| PTA 205L-FA120   | PHY AGENTS II LAB    | Compressed  | LCLB      | DLTA     | F    | 12:30P - 2:25P  | F250 | 0.5          | 10  | 10  | 9/2 - 11/11   |
| PTA 213-FA210  | ORTHO&PROSTHET       | Compressed  | LCLB      | DLTA     | T    | 4:30P - 6:25P   | P126 | 0.5          | 20  | 18  | 8/30 - 10/4   |
| PTA 213L-FA310   | ORTHO & PROSTH LAB   | Compressed  | LCLB      | DLTA     | T    | 6:30P - 7:25P   | P126 | 0.5          | 10  | 8   | 8/30 - 10/4   |
|  |                      | Compressed  | LN2       | DLTA     | R    | 6:30P - 8:25P   | P126 | 0.5          |     |     | 8/30 - 10/4   |
| PTA 213L-FA320   | ORTHO & PROSTH LAB   | Compressed  | LCLB      | DLTA     | T    | 6:30P - 7:25P   | P126 | 0.5          | 10  | 10  | 8/30 - 10/4   |
|  |                      | Compressed  | LN2       | DLTA     | R    | 4:30P - 6:25P   | P126 | 0.5          |     |     | 8/30 - 10/4   |
| ABS 200W-FA320   | CAREER DECISION MKG  | Compressed  | LCLB      | DLTA     | R    | 7:00P - 9:00P   | S220 | 1            | 21  | 23  | 9/1 - 10/13   |
| ABS 201W-FA330   | EMPLOYABILITY SKILLS | Compressed  | LCLB      | DCMC     | R    | 7:00P - 9:00P   | 201  | 1            | 21  | 5   | 10/27 - 12/15 |
| <u>Note: The weekend field work begins at the campus- students meet Friday-Saturday, 10/5/2012-10/6/2012 from 8:00AM-3:55PM. Class meets for an orientation session on Wednesday 10/03/2012 from 5-7PM in room C123. This is a field class that will travel around the Saginaw/Bay region and requires walking on and off trails and pathways. Final assignments due by 10/15/2012. Cost of transportation will be \$10/student for travel in the tri-county area. For more information contact: Wendy Baker at(989)686-9306 or wjbaker@delta.edu</u>  |                      |             |           |          |      |                 |      |              |     |     |               |
| BIO 113-FA410  | TREES & SHRUBS-MICH  | Compressed  | LCLB      | DLTA     | F    | 5:00P - 6:55P   | C123 | 1            | 15  | 13  | 10/5 - 10/17  |
|  |                      | Compressed  | LN2       | DLTA     | FSN  | 8:00A - 4:00P   | TBA  | 1            |     |     | 10/5 - 10/17  |
| Note: This is a field class that will travel around theSaginaw/Bay region and requires walking on and off trails andpathways. Class meets for an orientation session, Wednesday 10/05/11 from5-7pm and Friday-Saturday, 10/7/11-10/8/11. Field work begins at the campus-students meet Friday and Saturday 8am-5pm. Final assignmentsdue by 10/17/11. Cost of transportation will be \$10/student fortravel in the tri-county area. For more information contact:Wendy Baker @989-686-9306 or wjbaker@delta.edu  |                      |             |           |          |      |                 |      |              |     |     |               |
| BIO 119-FA900  | STREAM ECOLOGY       | Compressed  | LCLB      | DLTA     | FSN  | 5:00P - 7:55P   | C123 | 1            | 12  | 9   | 9/9 - 9/25    |
| Note: This is a two-weekend class. Field trips are required for this course. Schedule, Weekend 1: Friday 9/9, 5-7pm.; Saturday 9/10 9am-5pm; Sunday 9/11 from 1-5pm. Weekend 2: Friday-Sunday, 9/23-9/25 in Mancelona, MI. The class will be staying together in a cabin the second weekend of class. Students are responsible for sleeping bag, towels, and other personal items.BIO 119 and 219 will run concurrently. Trip expenses will be paid by the student: \$85 per person for food and cabin rental.Students must provide transportation to the off-campus sites. Final projects will be completed independently by October3,2011. For information, contact Wendy Baker at (989)686-9305 -wjbaker@delta.edu, or Jay Vanhouten at (989)686-9315 - jvvanhou@delta.edu. |                      |             |           |          |      |                 |      |              |     |     |               |
| CHM 231-FA310  | TROUBLESHOOT INSTR   | Compressed  | LCLB      | DLTA     | T    | 6:00P - 9:55P   | D133 | 1            | 10  | 7   | 11/29 - 12/8  |
|  |                      | Compressed  | LCLB      | DLTA     | R    | 6:00P - 9:55P   | E131 | 1            |     |     | 11/29 - 12/8  |
| CST 091-FA210  | BEGINNING COMPUTER   | Compressed  | LCLB      | DLTA     | MW   | 4:00P - 5:25P   | A121 | 1            | 18  | 13  | 9/12 - 10/19  |
| CST 091-FA625  | BEGINNING COMPUTER   | Compressed  | LCLB      | RICK     | TR   | 10:30A - 11:55A | 141  | 1            | 15  | 15  | 8/30 - 10/11  |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name   | Title                | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates         |
|--|----------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|---------------|
| Note: Learning Community Course. Student must also enroll in ENG090 FA625, MTH 092 FA625, CST 093 FA625, and CST 094 FA625. Click <a href="http://www.delta.edu/learningcommunities.aspx">http://www.delta.edu/learningcommunities.aspx</a> >LearningCommunities</a> for more information. |                      |             |           |          |      |                 |      |              |     |     |               |
| CST 091-FA635  | BEGINNING COMPUTER   | Compressed  | LCLB      | DLTA     | MW   | 10:00A - 11:25A | A125 | 1            | 15  | 12  | 8/29 - 10/10  |
| Note: <b><font color=red>Learning Community Course.</font></b>Student must also enroll in ENG090 FA635, MTH 092 FA635, SCI 099 FA635, CST 093FA635, andCST094 FA635. Click<a href="http://www.delta.edu/learningcommunities.aspx">LearningCommunities</a> for more information.            |                      |             |           |          |      |                 |      |              |     |     |               |
| CST 091-FA645  | BEGINNING COMPUTER   | Compressed  | LCLB      | DLTA     | MW   | 2:30P - 3:55P   | A125 | 1            | 15  | 14  | 8/29 - 10/10  |
| Note: <b><font color=red>Learning Community Course.</font></b>Student must also enroll in ENG090 FA645, MTH 092 FA645, COM 112 FA645, CST 093 FA645, andCST094 FA645. Click<a href="http://www.delta.edu/learningcommunities.aspx">LearningCommunities</a> for more information.           |                      |             |           |          |      |                 |      |              |     |     |               |
| <u>Note: Required software is Windows 7 and Office 2010.</u>   |                      |             |           |          |      |                 |      |              |     |     |               |
| CST 103-FA130  | WINDOWS FOUNDATIONS  | Compressed  | LCLB      | DLTA     | T    | 4:00P - 5:55P   | A123 | 1            | 18  | 18  | 8/30 - 10/18  |
| CST 103-FA150  | WINDOWS FOUNDATIONS  | Compressed  | LCLB      | DLTA     | M    | 2:00P - 3:50P   | A123 | 1            | 18  | 16  | 8/29 - 10/24  |
| CST 103-FA160  | WINDOWS FOUNDATIONS  | Compressed  | LCLB      | DLTA     | M    | 12:00P - 1:50P  | K107 | 1            | 18  | 19  | 8/29 - 10/24  |
| <u>Note: Required software is Word 2010.</u>   |                      |             |           |          |      |                 |      |              |     |     |               |
| CST 104-FA110  | MS WORD FOUNDATIONS  | Compressed  | LCLB      | DLTA     | T    | 2:00P - 3:50P   | K109 | 1            | 18  | 16  | 8/30 - 10/25  |
| <u>Note: Required software is Outlook 2010.</u>  |                      |             |           |          |      |                 |      |              |     |     |               |
| CST 105-FA110  | OUTLOOK              | Compressed  | LCLB      | DLTA     | R    | 2:00P - 3:50P   | K109 | 1            | 18  | 17  | 10/13 - 12/15 |
| Note: There will be no class on 10/20.   |                      |             |           |          |      |                 |      |              |     |     |               |
| CST 106-FA110  | INTERNET FOUNDATION  | Compressed  | LCLB      | DLTA     | T    | 12:00P - 1:55P  | K114 | 1            | 18  | 18  | 8/30 - 10/18  |
| CST 110-FA110  | WEB PAGE HTML        | Compressed  | LCLB      | DLTA     | R    | 9:00A - 10:55A  | K104 | 1            | 18  | 18  | 10/27 - 12/15 |
| CST 110-FA120  | WEB PAGE HTML        | Compressed  | LCLB      | DLTA     | T    | 12:00P - 1:55P  | K114 | 1            | 18  | 15  | 10/25 - 12/13 |
| CST 110-FA310  | WEB PAGE HTML        | Compressed  | LCLB      | DCPL     | R    | 6:00P - 7:55P   | 117  | 1            | 18  | 12  | 10/27 - 12/15 |
| CST 120-FA110  | COMMAND LINE(D0S)    | Compressed  | LCLB      | DLTA     | W    | 3:00P - 4:50P   | K107 | 1            | 18  | 17  | 8/31 - 10/19  |
| CST 120-FA120  | COMMAND LINE(D0S)    | Compressed  | LCLB      | DLTA     | W    | 3:00P - 4:55P   | K107 | 1            | 18  | 18  | 10/26 - 12/14 |
| <u>Note: Required software is Windows 7 and Office 2010.</u>   |                      |             |           |          |      |                 |      |              |     |     |               |
| CST 123-FA110  | WINDOWS OS           | Compressed  | LCLB      | DLTA     | T    | 4:00P - 5:50P   | A123 | 1            | 18  | 13  | 10/25 - 12/13 |
| CST 123-FA120  | WINDOWS OS           | Compressed  | LCLB      | DLTA     | M    | 2:00P - 3:55P   | A123 | 1            | 18  | 14  | 10/31 - 12/12 |
| CST 123-FA150  | WINDOWS OS           | Compressed  | LCLB      | RICK     | T    | 3:30P - 5:25P   | 141  | 1            | 18  | 7   | 10/25 - 12/13 |
| CST 123-FA310  | WINDOWS OS           | Compressed  | LCLB      | DLTA     | M    | 6:00P - 8:00P   | A123 | 1            | 18  | 12  | 10/31 - 12/12 |
| CST 135-FA110  | HELP DESK FUNDAMNT   | Compressed  | LCLB      | DLTA     | R    | 9:00A - 10:50A  | K114 | 1            | 22  | 13  | 10/20 - 12/15 |
| CST 135-FA120  | HELP DESK FUNDAMNT   | Compressed  | LCLB      | DLTA     | W    | 3:00P - 4:50P   | K116 | 1            | 22  | 13  | 8/31 - 10/19  |
| CST 170-FA110  | COMPUTER PROGRAM I   | Compressed  | LCLB      | DLTA     | W    | 12:00P - 1:50P  | A125 | 1            | 18  | 19  | 8/31 - 10/19  |
| CST 170-FA120  | COMPUTER PROGRAM I   | Compressed  | LCLB      | DCMC     | M    | 3:00P - 4:55P   | 201  | 1            | 18  | 16  | 8/29 - 10/17  |
| CST 170-FA210  | COMPUTER PROGRAM I   | Compressed  | LCLB      | DLTA     | W    | 4:00P - 5:55P   | K111 | 1            | 18  | 15  | 8/31 - 10/12  |
| CST 170-FA310  | COMPUTER PROGRAM I   | Compressed  | LCLB      | DCPL     | T    | 6:30P - 8:25P   | 117  | 1            | 18  | 16  | 8/30 - 10/18  |
| CST 177-FA110  | COMPUTER PROGRAM II  | Compressed  | LCLB      | DLTA     | W    | 12:00P - 1:55P  | A123 | 1            | 18  | 15  | 10/26 - 12/14 |
| CST 177-FA310  | COMPUTER PROGRAM II  | Compressed  | LCLB      | DCPL     | T    | 6:30P - 8:20P   | 117  | 1            | 18  | 12  | 10/25 - 12/13 |
| CST 258-FA310  | INTRO TO SQL         | Compressed  | LCLB      | DLTA     | R    | 6:00P - 7:55P   | A123 | 1            | 18  | 11  | 10/27 - 12/15 |
| DA 106W-FA110  | INFECTION CONTROL    | Compressed  | LCLB      | DLTA     | W    | 1:00P - 3:55P   | F135 | 1            | 20  | 21  | 8/31 - 9/28   |
| <u>Note: Class does not meet every date. See course syllabus for schedule.</u>   |                      |             |           |          |      |                 |      |              |     |     |               |
| DH 100-FA310   | DENT HYG PROF        | Compressed  | LCLB      | DLTA     | M    | 6:00P - 7:55P   | F240 | 1            | 20  | 18  | 8/29 - 10/17  |
| DH 100-FA320   | DENT HYG PROF        | Compressed  | LCLB      | DLTA     | M    | 6:00P - 7:55P   | F240 | 1            | 20  | 14  | 10/24 - 12/12 |
| <u>Note: Dates and times to be announced. Students will be given a schedule by the instructor. This applies to all sections.</u>   |                      |             |           |          |      |                 |      |              |     |     |               |
| DMS 107-FA110  | INT ULTRASOUND SCAN  | Compressed  | LCLB      | DLTA     | T    | 7:15A - 11:15A  | F269 | 1            | 7   | 7   | 10/25 - 11/8  |
|  |                      | Compressed  | LN2       | DLTA     | T    | 7:15A - 3:30P   | F269 | 1            |     |     | 10/18 - 10/18 |
| DMS 107-FA120  | INT ULTRASOUND SCAN  | Compressed  | LCLB      | DLTA     | F    | 7:15A - 11:15A  | F269 | 1            | 7   | 7   | 10/21 - 11/11 |
| <u>Note: Dates and times to be announced. Students will be given a schedule by the instructor. This applies to all sections.</u>   |                      |             |           |          |      |                 |      |              |     |     |               |
| DMS 107L-FA110   | INT ULTRASND SCN LAB | Compressed  | LCLB      | DLTA     | T    | 7:15A - 11:30A  | F269 | 1            | 4   | 4   | 11/15 - 12/13 |
| DMS 107L-FA120   | INT ULTRASND SCN LAB | Compressed  | LCLB      | DLTA     | T    | 11:30A - 3:30P  | F269 | 1            | 4   | 4   | 11/15 - 12/13 |
| DMS 107L-FA130   | INT ULTRASND SCN LAB | Compressed  | LCLB      | DLTA     | F    | 7:15A - 11:30A  | F269 | 1            | 4   | 4   | 11/18 - 12/16 |
| DMS 107L-FA140   | INT ULTRASND SCN LAB | Compressed  | LCLB      | DLTA     | F    | 11:30A - 3:30P  | F269 | 1            | 2   | 1   | 11/18 - 12/16 |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name  | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates         |
|---|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|---------------|
| EGR 100-FA110   | CAREERS-ENGINEERING | Compressed  | LCLB      | DLTA     | M    | 2:00P - 4:00P   | L106 | 1            | 18  | 18  | 8/29 - 10/17  |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> .  |                     |             |           |          |      |                 |      |              |     |     |               |
| EGR 101-FA110   | EGR DESIGN/ANALYS   | Compressed  | LCLB      | DLTA     | M    | 2:00P - 3:50P   | L106 | 1            | 18  | 18  | 10/24 - 12/12 |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> .  |                     |             |           |          |      |                 |      |              |     |     |               |
| GEO 116W-FA210  | PROF GLOBAL AWARE   | Compressed  | LCLB      | DLTA     | T    | 5:00P - 6:55P   | M105 | 1            | 16  | 14  | 10/25 - 12/13 |
| GLG 262BW-FA310   | GEOL PICTURED ROCKS | Compressed  | LCLB      | DLTA     | T    | 6:00P - 7:55P   | E113 | 1            | 20  | 17  | 9/20 - 9/20   |
|   |                     | Compressed  | LN2       | DLTA     | FSN  | 8:00A - 5:00P   | TBA  | 1            |     |     | 9/30 - 10/2   |
| Note: Orientation meeting is Tuesday, Sept. 20 from 6-7:55PM. Weekend field trip to Munising, MI Sept. 30-Oct. 2. Cost of \$129 per person (payable at the Delta's Cashier office) includes lodging for two nights and transportation. Food costs are extra. Contact Dr. Tim Clarey at 989-686-9252 or tclarey@delta.edu for more information.  |                     |             |           |          |      |                 |      |              |     |     |               |
| GLG 262W-FA310  | GEOL CANDN SHIELD   | Compressed  | LCLB      | DLTA     | T    | 6:00P - 7:55P   | E113 | 1            | 20  | 16  | 9/13 - 9/13   |
|   |                     | Compressed  | LN2       | DLTA     | FSN  | 8:00A - 5:00P   | TBA  | 1            |     |     | 9/23 - 9/25   |
| Note: Orientation meeting Tuesday, Sept. 13 from 6:00-7:55PM in E-113. Weekend trip to Batchawana Bay, Ontario Sept. 23-25. Passport or enhanced driver's license required. Cost \$139 per person (payable at the Delta Cashier's office) includes lodging for two nights and transportation. Food costs are extra. Contact Tim Clarey at 989-686-9252 or tclarey@delta.edu for more information. |                     |             |           |          |      |                 |      |              |     |     |               |
| HSC 210-FA210   | MED OFFICE PHARM    | Compressed  | LCLB      | DLTA     | R    | 6:00P - 7:55P   | F002 | 1            | 25  | 22  | 9/1 - 10/20   |
| HSC 210-FA220   | MED OFFICE PHARM    | Compressed  | LCLB      | DLTA     | R    | 6:00P - 8:10P   | F002 | 1            | 25  | 14  | 10/27 - 12/15 |
| LW 206A-FA120   | OCCUPATION WELLNESS | Compressed  | LCLB      | DLTA     | M    | 2:00P - 3:55P   | F024 | 1            | 18  | 19  | 10/10 - 11/28 |
| Note: Reserved for Radiography students ONLY.   |                     |             |           |          |      |                 |      |              |     |     |               |
| Note: Text book and Course packet REQUIRED on first class meeting.  |                     |             |           |          |      |                 |      |              |     |     |               |
| LW 220W-FA100   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | W    | 8:00A - 9:50A   | S220 | 1            | 20  | 18  | 8/31 - 10/19  |
| LW 220W-FA103   | LIFELONG WELLNESS   | Compressed  | LCLB      | DCPL     | T    | 8:00A - 9:55A   | 212  | 1            | 20  | 20  | 8/30 - 10/18  |
| LW 220W-FA106   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | M    | 8:30A - 9:55A   | N202 | 1            | 20  | 20  | 8/29 - 11/7   |
| LW 220W-FA112   | LIFELONG WELLNESS   | Compressed  | LCLB      | RICK     | F    | 8:30A - 9:55A   | 113  | 1            | 20  | 18  | 9/2 - 11/4    |
| LW 220W-FA115   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | M    | 8:30A - 9:55A   | S060 | 1            | 20  | 19  | 8/29 - 11/7   |
| LW 220W-FA118   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | F    | 9:00A - 10:55A  | G163 | 1            | 20  | 17  | 9/2 - 10/14   |
| LW 220W-FA121   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | R    | 9:00A - 10:30A  | N202 | 1            | 20  | 20  | 9/1 - 10/27   |
| LW 220W-FA127   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | W    | 10:00A - 11:55A | F240 | 1            | 20  | 20  | 10/26 - 12/14 |
| LW 220W-FA130   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | W    | 10:00A - 11:55A | S220 | 1            | 20  | 19  | 8/31 - 10/19  |
| LW 220W-FA133   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | M    | 10:00A - 11:55A | S220 | 1            | 20  | 19  | 8/29 - 10/17  |
| LW 220W-FA136   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | F    | 10:00A - 11:25A | P205 | 1            | 20  | 18  | 9/2 - 11/4    |
| LW 220W-FA139   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | M    | 10:00A - 11:55A | S220 | 1            | 20  | 16  | 10/24 - 12/12 |
| LW 220W-FA142   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | T    | 11:00A - 12:55P | F015 | 1            | 20  | 20  | 10/25 - 12/13 |
| LW 220W-FA145   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | R    | 11:00A - 12:55P | P110 | 1            | 20  | 19  | 10/27 - 12/15 |
| LW 220W-FA148   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | T    | 11:00A - 12:55P | F015 | 1            | 20  | 19  | 8/30 - 10/18  |
| LW 220W-FA151   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | R    | 11:00A - 12:55P | P110 | 1            | 20  | 21  | 9/1 - 10/20   |
| LW 220W-FA154   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | T    | 11:30A - 12:55P | P110 | 1            | 20  | 20  | 8/30 - 11/8   |
| LW 220W-FA157   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | T    | 12:00P - 1:55P  | P205 | 1            | 20  | 17  | 10/25 - 12/13 |
| LW 220W-FA160   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | T    | 12:00P - 1:55P  | P205 | 1            | 20  | 20  | 8/30 - 10/18  |
| LW 220W-FA166   | LIFELONG WELLNESS   | Compressed  | LCLB      | DCMC     | W    | 1:30P - 3:25P   | 153  | 1            | 20  | 19  | 8/31 - 10/19  |
| LW 220W-FA169   | LIFELONG WELLNESS   | Compressed  | LCLB      | DCMC     | W    | 1:30P - 3:25P   | 153  | 1            | 20  | 19  | 10/26 - 12/14 |
| LW 220W-FA172   | LIFELONG WELLNESS   | Compressed  | LCLB      | DCMC     | M    | 1:30P - 3:25P   | 154  | 1            | 20  | 13  | 10/31 - 12/12 |
| LW 220W-FA175   | LIFELONG WELLNESS   | Compressed  | LCLB      | DCPL     | F    | 1:30P - 3:25P   | 212  | 1            | 20  | 21  | 9/2 - 10/14   |
| LW 220W-FA178   | LIFELONG WELLNESS   | Compressed  | LCLB      | DCMC     | M    | 1:30P - 3:25P   | 154  | 1            | 20  | 20  | 8/29 - 10/17  |
| LW 220W-FA184   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | M    | 2:00P - 3:55P   | J141 | 1            | 20  | 19  | 10/24 - 12/12 |
| LW 220W-FA187   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | M    | 2:00P - 3:55P   | J141 | 1            | 20  | 20  | 8/29 - 10/17  |
| LW 220W-FA198   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | M    | 10:30A - 11:55A | P205 | 1            | 20  | 21  | 8/29 - 11/7   |
| LW 220W-FA230   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | T    | 4:00P - 5:55P   | S261 | 1            | 20  | 21  | 8/30 - 10/18  |
| LW 220W-FA240   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | T    | 4:00P - 5:55P   | S261 | 1            | 20  | 21  | 10/25 - 12/13 |
| Note: Course packet REQUIRED on first class meeting.  |                     |             |           |          |      |                 |      |              |     |     |               |
| LWA 101-FA110   | FITNESS FOR LIFE    | Compressed  | LCLB      | DLTA     | W    | 10:00A - 11:25A | F244 | 1            | 24  | 22  | 9/7 - 9/7     |
|   |                     | Compressed  | LN2       | DLTA     | MW   | 10:00A - 11:25A | F010 | 1            |     |     | 9/12 - 11/16  |
| LWA 101-FA120   | FITNESS FOR LIFE    | Compressed  | LCLB      | RICK     | MW   | 2:00P - 3:25P   | 112  | 1            | 24  | 17  | 8/29 - 11/7   |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name   | Title                 | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates         |
|--|-----------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|---------------|
| LWA 101-FA130  | FITNESS FOR LIFE      | Compressed  | LCLB      | DLTA     | MW   | 3:00P - 4:55P   | F243 | 1            | 24  | 17  | 8/29 - 10/19  |
| LWA 105-FA110  | WOMENS FITNESS        | Compressed  | LCLB      | DLTA     | MW   | 8:00A - 9:55A   | P209 | 1            | 24  | 22  | 10/24 - 12/14 |
| LWA 105-FA120  | WOMENS FITNESS        | Compressed  | LCLB      | DLTA     | MW   | 8:00A - 9:55A   | P209 | 1            | 24  | 22  | 8/29 - 10/19  |
| <u>Note: Course packet REQUIRED on first class meeting.</u>  |                       |             |           |          |      |                 |      |              |     |     |               |
| LWA 106-FA110  | ATHLET CONDITIONING   | Compressed  | LCLB      | DLTA     | TR   | 11:00A - 12:55P | P210 | 1            | 20  | 16  | 8/30 - 10/20  |
| <u>Note: Course packet REQUIRED on first class meeting.</u>  |                       |             |           |          |      |                 |      |              |     |     |               |
| LWA 108-FA120  | WEIGHT TRAINING       | Compressed  | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | P121 | 1            | 24  | 25  | 8/29 - 10/19  |
| LWA 108-FA130  | WEIGHT TRAINING       | Compressed  | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | P121 | 1            | 24  | 21  | 10/26 - 12/14 |
| LWA 108-FA140  | WEIGHT TRAINING       | Compressed  | LCLB      | DLTA     | TR   | 10:00A - 11:55A | P121 | 1            | 24  | 24  | 8/30 - 10/20  |
| LWA 108-FA150  | WEIGHT TRAINING       | Compressed  | LCLB      | DLTA     | TR   | 10:00A - 11:55A | P121 | 1            | 24  | 19  | 10/25 - 12/15 |
| <u>Note: Course packet REQUIRED on first class meeting.</u>  |                       |             |           |          |      |                 |      |              |     |     |               |
| LWA 110-FA110  | JOGGING               | Compressed  | LCLB      | DLTA     | TR   | 12:00P - 1:25P  | N211 | 1            | 20  | 14  | 8/30 - 11/8   |
| LWA 119-FA110  | JUJITSU               | Compressed  | LCLB      | DLTA     | MW   | 2:30P - 4:25P   | P223 | 1            | 16  | 13  | 8/29 - 10/19  |
| LWA 119-FA120  | JUJITSU               | Compressed  | LCLB      | DLTA     | MW   | 2:30P - 4:25P   | P223 | 1            | 16  | 14  | 10/24 - 12/14 |
| <u>Note: Course packet REQUIRED on first class meeting.</u>  |                       |             |           |          |      |                 |      |              |     |     |               |
| LWA 127-FA310  | VOLLEYBALL I          | Compressed  | LCLB      | DLTA     | MW   | 6:00P - 7:55P   | P210 | 1            | 24  | 21  | 8/29 - 10/19  |
| <u>Note: Course packet REQUIRED on first class meeting. Students MUST also bring acceptable eye protection, racquet, and balls for first class meeting.</u>  |                       |             |           |          |      |                 |      |              |     |     |               |
| LWA 131-FA110  | RACQUETBALL I         | Compressed  | LCLB      | DLTA     | M    | 10:00A - 11:55A | P220 | 1            | 14  | 13  | 10/24 - 12/14 |
|  |                       | Compressed  | LN2       | DLTA     | W    | 10:00A - 11:55A | P220 | 1            |     |     | 10/24 - 12/14 |
| LWA 131-FA120  | RACQUETBALL I         | Compressed  | LCLB      | DLTA     | TR   | 12:00P - 1:55P  | P220 | 1            | 14  | 14  | 10/25 - 12/15 |
| LWA 137-FA110  | TENNIS I              | Compressed  | LCLB      | DLTA     | MW   | 10:00A - 11:55A | F101 | 1            | 16  | 14  | 8/29 - 10/19  |
|  |                       | Compressed  | LN2       | DLTA     | MW   | 10:00A - 11:55A | TNNS | 1            |     |     | 8/29 - 10/19  |
|  |                       | Compressed  | LN2       | DLTA     | MW   | 10:00A - 11:55A | N110 | 1            |     |     | 8/29 - 10/19  |
| LWA 150-FA110  | KETTLEBELL TRNG       | Compressed  | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | P209 | 1            | 18  | 16  | 10/25 - 12/15 |
| <u>Note: Course packet REQUIRED on first class meeting. All equipment provided.</u>  |                       |             |           |          |      |                 |      |              |     |     |               |
| LWA 151-FA120  | KICK BOXING           | Compressed  | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | P209 | 1            | 20  | 15  | 10/24 - 12/14 |
| <u>Note: Course packet REQUIRED on first class meeting.</u>  |                       |             |           |          |      |                 |      |              |     |     |               |
| LWA 153-FA110  | DANCE AEROBICS        | Compressed  | LCLB      | DLTA     | MW   | 10:00A - 11:55A | P209 | 1            | 25  | 25  | 10/19 - 12/14 |
| LWA 154W-FA210   | BOSU BALL TRAINING    | Compressed  | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | P209 | 1            | 15  | 13  | 8/30 - 10/20  |
| Lifelong Wellness Course Book REQUIRED on first class meeting.   |                       |             |           |          |      |                 |      |              |     |     |               |
| <u>Note: Course packet REQUIRED on first class meeting.</u>  |                       |             |           |          |      |                 |      |              |     |     |               |
| LWA 156W-FA130   | STABILITY BALL TRNG   | Compressed  | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | P209 | 1            | 18  | 18  | 8/29 - 10/19  |
| <u>Note: Course packet REQUIRED on first class meeting. All equipment provided.</u>  |                       |             |           |          |      |                 |      |              |     |     |               |
| LWA 157-FA110  | STEP AEROBICS         | Compressed  | LCLB      | DLTA     | MW   | 10:00A - 11:55A | P209 | 1            | 25  | 25  | 8/29 - 10/17  |
| <u>Note: Course packet REQUIRED on first class meeting.</u>  |                       |             |           |          |      |                 |      |              |     |     |               |
| LWA 159-FA120  | FITNESS WALKING       | Compressed  | LCLB      | DLTA     | M    | 10:00A - 11:55A | TBA  | 1            | 25  | 24  | 8/29 - 10/19  |
|  |                       | Compressed  | LN2       | DLTA     | W    | 10:00A - 11:55A | P205 | 1            |     |     | 8/29 - 10/19  |
| LWA 159-FA140  | FITNESS WALKING       | Compressed  | LCLB      | DLTA     | TR   | 2:00P - 3:25P   | F006 | 1            | 25  | 21  | 8/30 - 11/3   |
| LWA 159-FA150  | FITNESS WALKING       | Compressed  | LCLB      | DLTA     | MW   | 12:00P - 1:25P  | F006 | 1            | 25  | 21  | 8/29 - 11/7   |
| LWA 159-FA170  | FITNESS WALKING       | Compressed  | LCLB      | DLTA     | MW   | 9:00A - 10:55A  | F102 | 1            | 25  | 23  | 8/29 - 10/19  |
| LWA 159-FA180  | FITNESS WALKING       | Compressed  | LCLB      | DLTA     | TR   | 12:00P - 1:55P  | F251 | 1            | 24  | 25  | 8/30 - 10/20  |
| LWA 172-FA120  | SWIMMING I            | Compressed  | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | P150 | 1            | 12  | 12  | 8/29 - 10/19  |
| LWA 173-FA120  | SWIMMING II           | Compressed  | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | P150 | 1            | 4   | 1   | 8/29 - 10/19  |
| LWA 174-FA120  | SWIMMING III COND     | Compressed  | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | P150 | 1            | 4   | 1   | 8/29 - 10/19  |
| <u>Note: Course packet REQUIRED on first class meeting.</u>  |                       |             |           |          |      |                 |      |              |     |     |               |
| LWA 204-FA410  | BICYCLING FOR FITNESS | Compressed  | LCLB      | DLTA     | S    | 8:00A - 11:50A  | F101 | 1            | 15  | 13  | 8/27 - 10/22  |
| <u>Students MUST HAVE TEXTBOOK AND POCKET MASK OR FACE SHIELD before class meets. Available in Bookstore - BOOKSTORE NOT OPEN ON WEEKENDS. A \$3 American Heart Association fee will be collected before certification card is issued.</u> |                       |             |           |          |      |                 |      |              |     |     |               |
| LWT 170-FA410  | BLS FOR HCP           | Compressed  | LCLB      | DLTA     | SN   | 8:30A - 4:25P   | F001 | 1            | 16  | 10  | 11/19 - 11/20 |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name  | Title                 | Term Length | Inst Meth | Location | Days | Time           | Room | Credit Hours | Cap | Enr | Dates         |
|---|-----------------------|-------------|-----------|----------|------|----------------|------|--------------|-----|-----|---------------|
| LWT 170-FA415   | BLS FOR HCP           | Compressed  | LCLB      | DLTA     | SN   | 8:30A - 4:25P  | F001 | 1            | 16  | 14  | 9/17 - 9/18   |
| LWT 170-FA420   | BLS FOR HCP           | Compressed  | LCLB      | DLTA     | SN   | 8:30A - 4:25P  | F001 | 1            | 16  | 16  | 11/12 - 11/13 |
| LWT 170-FA430   | BLS FOR HCP           | Compressed  | LCLB      | DLTA     | SN   | 8:30A - 4:25P  | F001 | 1            | 16  | 14  | 10/15 - 10/16 |
| LWT 170-FA440   | BLS FOR HCP           | Compressed  | LCLB      | DLTA     | SN   | 8:30A - 4:25P  | F001 | 1            | 16  | 15  | 12/10 - 12/11 |
| LWT 186-FA210   | WOM SELF DEFENSE      | Compressed  | LCLB      | DLTA     | W    | 5:00P - 6:55P  | P209 | 1            | 20  | 8   | 10/19 - 12/14 |
|   |                       | Compressed  | LN2       | DLTA     |      | -              | P209 | 1            |     |     | 10/19 - 12/14 |
| LWT 212-FA210   | INTRO TO MEDITATION   | Compressed  | LCLB      | DLTA     | R    | 4:30P - 5:55P  | N202 | 1            | 20  | 19  | 9/1 - 11/3    |
| <u>Note: LAB COURSE: Must also register for theory course.</u>  |                       |             |           |          |      |                |      |              |     |     |               |
| NT 215LW-FA110  | TRANS-MATERNITY NSG L | Compressed  | LCLB      | OTHR     | TW   | 6:30A - 2:00P  | COVH | 1            | 10  | 9   | 8/30 - 9/27   |
| <u>Note: LAB COURSE: Must also register for theory course.</u>  |                       |             |           |          |      |                |      |              |     |     |               |
| NT 216LW-FA110  | TRANS-PEDIATRIC L     | Compressed  | LCLB      | OTHR     | SN   | 6:30A - 12:30P | COVH | 1            | 10  | 9   | 10/8 - 10/30  |
| <u>Note: LAB COURSE: Must also register for theory course.</u>  |                       |             |           |          |      |                |      |              |     |     |               |
| NT 219LW-FA110  | TRANS-MENTAL HEALTH L | Compressed  | LCLB      | OTHR     | MT   | 8:00A - 3:00P  | HSHP | 1            | 10  | 9   | 11/28 - 12/13 |
| NUR 100A-FA110  | INTRO NURSG CAREERS   | Compressed  | LCLB      | DLTA     | F    | 9:00A - 12:00P | F240 | 1            | 31  | 30  | 9/2 - 9/30    |
| NUR 100A-FA120  | INTRO NURSG CAREERS   | Compressed  | LCLB      | RICK     | F    | 9:00A - 12:00P | 115  | 1            | 30  | 30  | 10/7 - 11/4   |
| NUR 100A-FA130  | INTRO NURSG CAREERS   | Compressed  | LCLB      | RICK     | F    | 9:00A - 12:00P | 115  | 1            | 30  | 28  | 11/11 - 12/16 |
| <u>Note: LAB COURSE: Must also register for theory section.</u> |                       |             |           |          |      |                |      |              |     |     |               |
| NUR 115LW-FA110   | MATERNITY NSG LAB     | Compressed  | LCLB      | OTHR     | MSN  | 6:30A - 2:30P  | COVH | 1            | 10  | 9   | 9/17 - 9/30   |
| NUR 115LW-FA120   | MATERNITY NSG LAB     | Compressed  | LCLB      | OTHR     | MSN  | 1:30P - 9:30P  | COVH | 1            | 10  | 9   | 9/17 - 9/30   |
| NUR 115LW-FA130   | MATERNITY NSG LAB     | Compressed  | LCLB      | OTHR     | MTN  | 6:30A - 2:30P  | COVH | 1            | 10  | 9   | 10/23 - 11/4  |
| NUR 115LW-FA140   | MATERNITY NSG LAB     | Compressed  | LCLB      | OTHR     | MTN  | 1:30P - 9:30P  | COVH | 1            | 10  | 9   | 10/23 - 11/4  |
| NUR 115LW-FA150   | MATERNITY NSG LAB     | Compressed  | LCLB      | OTHR     | WRF  | 1:30P - 9:30P  | COVH | 1            | 10  | 10  | 12/1 - 12/16  |
| NUR 115LW-FA160   | MATERNITY NSG LAB     | Compressed  | LCLB      | OTHR     | WRF  | 1:30P - 9:30P  | COVH | 1            | 10  | 9   | 12/1 - 12/16  |
| <u>Note: LAB COURSE: Must also register for theory section.</u> |                       |             |           |          |      |                |      |              |     |     |               |
| NUR 116LW-FA110   | PEDIATRIC NSG LAB     | Compressed  | LCLB      | OTHR     | RF   | 6:30A - 12:30P | COVH | 1            | 10  | 10  | 9/1 - 9/28    |
| NUR 116LW-FA120   | PEDIATRIC NSG LAB     | Compressed  | LCLB      | OTHR     | RF   | 12:30P - 6:30P | COVH | 1            | 10  | 10  | 9/1 - 9/28    |
| NUR 116LW-FA130   | PEDIATRIC NSG LAB     | Compressed  | LCLB      | OTHR     | RF   | 6:30A - 12:30P | COVH | 1            | 10  | 9   | 10/6 - 11/2   |
| NUR 116LW-FA140   | PEDIATRIC NSG LAB     | Compressed  | LCLB      | OTHR     | RF   | 12:30P - 6:30P | COVH | 1            | 10  | 9   | 10/6 - 11/2   |
| NUR 116LW-FA150   | PEDIATRIC NSG LAB     | Compressed  | LCLB      | OTHR     | RF   | 6:30A - 12:30P | COVH | 1            | 10  | 9   | 11/10 - 12/14 |
| NUR 116LW-FA160   | PEDIATRIC NSG LAB     | Compressed  | LCLB      | OTHR     | RF   | 12:30P - 6:30P | COVH | 1            | 10  | 8   | 11/10 - 12/14 |
| <u>Note: LAB COURSE: Must also register for theory section.</u> |                       |             |           |          |      |                |      |              |     |     |               |
| NUR 119LW-FA110   | MENTAL HEALTH NSG L   | Compressed  | LCLB      | OTHR     | MT   | 7:30A - 3:00P  | BMED | 1            | 10  | 10  | 9/13 - 9/27   |
|   |                       | Compressed  | LN2       | OTHR     | W    | 7:30A - 3:00P  | BMED | 1            |     |     | 9/14 - 9/14   |
| Clinical meets Sept 13&14, 20&21, 26&27                         |                       |             |           |          |      |                |      |              |     |     |               |
| NUR 119LW-FA120   | MENTAL HEALTH NSG L   | Compressed  | LCLB      | OTHR     | WR   | 7:30A - 3:00P  | BMED | 1            | 10  | 10  | 9/15 - 9/29   |
|   |                       | Compressed  | LN2       | OTHR     | F    | 7:30A - 3:00P  | BMED | 1            |     |     | 9/16 - 9/16   |
| Clinical meets Sept 15&16, 22&23, 28&29                         |                       |             |           |          |      |                |      |              |     |     |               |
| NUR 119LW-FA130   | MENTAL HEALTH NSG L   | Compressed  | LCLB      | OTHR     | MT   | 7:30A - 3:00P  | BMED | 1            | 10  | 8   | 10/18 - 11/1  |
| Clinical meets Oct. 18&19, 25&26, Nov. 1&2                      |                       |             |           |          |      |                |      |              |     |     |               |
| NUR 119LW-FA140   | MENTAL HEALTH NSG L   | Compressed  | LCLB      | OTHR     | TW   | 1:30P - 9:00P  | HSHP | 1            | 9   | 8   | 10/18 - 11/2  |
| Clinical meets Oct. 18&19, 25&26, Nov. 1&2                      |                       |             |           |          |      |                |      |              |     |     |               |
| NUR 119LW-FA150   | MENTAL HEALTH NSG L   | Compressed  | LCLB      | OTHR     | MT   | 7:30A - 3:00P  | BMED | 1            | 10  | 8   | 11/28 - 12/13 |
| Clinical meets Nov. 29&30, Dec 5&6, 12&13                       |                       |             |           |          |      |                |      |              |     |     |               |
| NUR 119LW-FA160   | MENTAL HEALTH NSG L   | Compressed  | LCLB      | OTHR     | WR   | 7:30A - 3:00P  | BMED | 1            | 10  | 7   | 11/30 - 12/15 |
| Clinical meets Nov. 30, Dec. 1&2, 7&8, 14&15                    |                       |             |           |          |      |                |      |              |     |     |               |
| OAT 105W-FA120  | TIME MGMT             | Compressed  | LCLB      | DLTA     | R    | 4:00P - 5:50P  | K109 | 1            | 18  | 14  | 10/20 - 12/15 |
| OAT 105W-FA130  | TIME MGMT             | Compressed  | LCLB      | DLTA     | M    | 12:00P - 1:50P | K104 | 1            | 18  | 20  | 8/29 - 10/24  |
| OAT 105W-FA140  | TIME MGMT             | Compressed  | LCLB      | DLTA     | M    | 2:00P - 3:55P  | K114 | 1            | 18  | 15  | 8/29 - 10/24  |
| OAT 105W-FA150  | TIME MGMT             | Compressed  | LCLB      | DLTA     | W    | 2:00P - 3:50P  | K109 | 1            | 18  | 12  | 8/31 - 10/19  |
| OAT 105W-FA160  | TIME MGMT             | Compressed  | LCLB      | DLTA     | M    | 12:00P - 1:50P | K109 | 1            | 18  | 8   | 10/24 - 12/12 |
| PTA 210LW-FA110   | NEUR-REHAB TECH LAB   | Compressed  | LCLB      | DLTA     | TR   | 10:45A - 1:15P | P126 | 1            | 10  | 8   | 8/30 - 11/10  |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name  | Title               | Term Length | Inst Meth | Location | Days | Time           | Room | Credit Hours | Cap | Enr | Dates         |
|---|---------------------|-------------|-----------|----------|------|----------------|------|--------------|-----|-----|---------------|
| PTA 210LW-FA120   | NEUR-REHAB TECH LAB | Compressed  | LCLB      | DLTA     | TR   | 1:45P - 4:15P  | P126 | 1            | 10  | 10  | 8/30 - 11/10  |
| RAD 212-FA110   | ADV IMAGING EQUIP   | Compressed  | LCLB      | DLTA     | R    | 3:00P - 5:10P  | F251 | 1            | 18  | 13  | 10/27 - 12/15 |
| RAD 225W-FA110  | CLINICAL SEMINAR 3  | Compressed  | LCLB      | OTHR     | T    | 9:00A - 10:50A | BMED | 1            | 4   | 1   | 10/25 - 12/13 |
| RAD 225W-FA120  | CLINICAL SEMINAR 3  | Compressed  | LCLB      | OTHR     | M    | 9:00A - 10:50A | SMAR | 1            | 4   | 4   | 10/24 - 12/12 |
| RAD 225W-FA130  | CLINICAL SEMINAR 3  | Compressed  | LCLB      | OTHR     | R    | 9:00A - 10:55A | COVH | 1            | 5   | 4   | 10/28 - 12/16 |
| RAD 225W-FA140  | CLINICAL SEMINAR 3  | Compressed  | LCLB      | OTHR     | W    | 9:00A - 10:55A | MHSP | 1            | 4   | 4   | 10/26 - 12/14 |
| <u>Note: All Sections. Students are required to purchase Section 608 Training Manual and EPA Test Voucher from the Delta College Book Store prior to the start of class.</u>  |                     |             |           |          |      |                |      |              |     |     |               |
| RHA 150-FA210   | REFRIGERANT CERT    | Compressed  | LCLB      | DLTA     | F    | 10:00A - 2:55P | M151 | 1            | 15  | 11  | 9/9 - 9/23    |
| <u>Note: A schedule for the semester will be provided at orientation.</u>   |                     |             |           |          |      |                |      |              |     |     |               |
| RT 216-FA901  | REHAB & HOME CARE   | Compressed  | LCLB      | DLTA     |      | 9:00A - 2:55P  | F245 | 1            | 15  | 13  | 9/15 - 12/15  |
| Note: Meets RF 9AM-2:55PM various weeks. A Master Schedule for the semester will be provided.   |                     |             |           |          |      |                |      |              |     |     |               |
| WELD 101-FA410  | EXPLORE CUTTING     | Compressed  | LCLB      | DLTA     | SN   | 8:00A - 3:25P  | L140 | 1            | 10  | 9   | 10/8 - 10/9   |
| Contact Brian Schultz (686-9471) prior to class for equipment requirements.   |                     |             |           |          |      |                |      |              |     |     |               |
| WELD 102-FA410  | EXP SHIELD ARC WLD  | Compressed  | LCLB      | DLTA     | SN   | 8:00A - 3:25P  | L140 | 1            | 10  | 9   | 11/5 - 11/6   |
| Contact Brian Schultz (686-9471) prior to class for equipment requirements.   |                     |             |           |          |      |                |      |              |     |     |               |
| WELD 106-FA410  | EXP GAS TUN ARC WLD | Compressed  | LCLB      | DLTA     | SN   | 8:00A - 3:25P  | L140 | 1            | 10  | 12  | 12/3 - 12/4   |
| Contact Brian Schultz (686-9471) prior to class for equipment requirements.   |                     |             |           |          |      |                |      |              |     |     |               |
| WELD 108-FA410  | EXP GAS MET ARC WLD | Compressed  | LCLB      | DLTA     | SN   | 8:00A - 3:25P  | L140 | 1            | 10  | 10  | 10/22 - 10/23 |
| Contact Brian Schultz (686-9471) prior to class for equipment requirements.   |                     |             |           |          |      |                |      |              |     |     |               |
| <u>A Criminal Background Check (CBC) must be completed before entering the clinical agency. Students are not eligible for a course refund, beyond the College defined refund period, if a determination has been made by the clinical agency to prevent the student from entering the facility for any reason.</u>  |                     |             |           |          |      |                |      |              |     |     |               |
| CNA 100LW-FA110   | CERT NUR ASST LAB   | Compressed  | LCLB      | OTHR     | TR   | 6:00A - 2:30P  | TBA  | 1.3          | 8   | 7   | 8/30 - 10/18  |
| Students who register for lab/clinical section CNA-100LW-FA110 must also register for theory section CNA-100W-FA110.  |                     |             |           |          |      |                |      |              |     |     |               |
| CNA 100LW-FA120   | CERT NUR ASST LAB   | Compressed  | LCLB      | OTHR     | TR   | 6:00A - 2:30P  | TBA  | 1.3          | 8   | 8   | 8/30 - 10/18  |
| Students who register for lab/clinical section CNA-100LW-FA120 must also register for theory section CNA-100W-FA110.  |                     |             |           |          |      |                |      |              |     |     |               |
| CNA 100LW-FA130   | CERT NUR ASST LAB   | Compressed  | LCLB      | OTHR     | TR   | 6:00A - 2:30P  | TBA  | 1.3          | 8   | 7   | 10/25 - 12/15 |
| Students who register for lab/clinical section CNA-100LW-FA130 must also register for theory section CNA-100W-FA120.  |                     |             |           |          |      |                |      |              |     |     |               |
| CNA 100LW-FA140   | CERT NUR ASST LAB   | Compressed  | LCLB      | OTHR     | TR   | 6:00A - 2:30P  | TBA  | 1.3          | 8   | 7   | 10/25 - 12/15 |
| Students who register for lab/clinical section CNA-100LW-FA140 must also register for theory section CNA-100W-FA120.  |                     |             |           |          |      |                |      |              |     |     |               |
| <u>Note - LAB COURSE: Individual course Sections will be assigned by the Nursing Office following registration for clinical entry.</u>  |                     |             |           |          |      |                |      |              |     |     |               |
| NPT 101ALW-FA110  | NSG FUNDAMENTAL L   | Compressed  | LCLB      | DLTA     | T    | 8:00A - 2:00P  | TBA  | 1.5          | 11  | 10  | 8/30 - 11/1   |
| NPT 101ALW-FA120  | NSG FUNDAMENTAL L   | Compressed  | LCLB      | DLTA     | T    | 2:00P - 8:00P  | TBA  | 1.5          | 11  | 10  | 8/30 - 11/1   |
| NPT 101ALW-FA130  | NSG FUNDAMENTAL L   | Compressed  | LCLB      | DLTA     | W    | 8:00A - 2:00P  | TBA  | 1.5          | 11  | 10  | 8/31 - 11/2   |
| <u>Note - LAB COURSE: Individual course sections will be assigned by the Nursing Office following registration for clinical entry.</u>  |                     |             |           |          |      |                |      |              |     |     |               |
| NUR 101ALW-FA110  | NSG FUNDAMENTAL L   | Compressed  | LCLB      | DLTA     | TR   | 1:00P - 5:00P  | F270 | 1.5          | 12  | 10  | 8/30 - 10/18  |
| NUR 101ALW-FA120  | NSG FUNDAMENTAL L   | Compressed  | LCLB      | DLTA     | WF   | 8:00A - 12:30P | F270 | 1.5          | 12  | 10  | 8/31 - 10/14  |
| NUR 101ALW-FA130  | NSG FUNDAMENTAL L   | Compressed  | LCLB      | DLTA     | TR   | 1:00P - 5:00P  | F270 | 1.5          | 12  | 9   | 8/30 - 10/18  |
| NUR 101ALW-FA140  | NSG FUNDAMENTAL L   | Compressed  | LCLB      | DLTA     | TW   | 12:00P - 4:30P | F270 | 1.5          | 12  | 10  | 8/30 - 10/12  |
| NUR 101ALW-FA150  | NSG FUNDAMENTAL L   | Compressed  | LCLB      | DLTA     | WF   | 8:30A - 12:30P | F270 | 1.5          | 12  | 10  | 8/31 - 10/18  |
| NUR 101ALW-FA160  | NSG FUNDAMENTAL L   | Compressed  | LCLB      | DLTA     | TW   | 12:00P - 4:30P | F270 | 1.5          | 12  | 10  | 8/30 - 10/12  |
| ENV 152-FA310   | EMERG RESP INDUST   | Compressed  | LCLB      | DLTA     | MW   | 6:00P - 8:55P  | F013 | 1.6          | 16  | 13  | 9/26 - 10/10  |
| Note: Requires an 8-hour simulation exercise which will takeplace on Saturday, October 15 at Great Lakes Safety in Midland.   |                     |             |           |          |      |                |      |              |     |     |               |
| BIO 219-FA900   | STRM ECOL RESEARCH  | Compressed  | LCLB      | DLTA     |      | 5:00P - 7:55P  | TBA  | 2            | 8   | 4   | 9/9 - 9/30    |
|   |                     | Compressed  | LN2       | DLTA     |      | 9:00A - 4:55P  | TBA  | 2            |     |     | 9/9 - 9/30    |
| Note: This is a two-weekend class. Field trips are required for this course. Schedule, Weekend 1: Friday 9/9, 5-7pm.; Saturday 9/10 9am-5pm.; Sunday 9/11 from 1-5pm. Weekend 2: Friday-Sunday 9/23-9/25 in Manclona, MI. The class will be staying together in a cabin the second weekend of class. Students are responsible for sleeping bag, towels, and other personal items. BIO 119 and 219 will run concurrently. Trip expenses will be paid by the student: \$85 per person for food and cabin rental. Students must provide transportation to the off-campus sites. Final projects will be completed independently by October 3, 2011. For information, contact Wendy Baker at (989)686-9305 - wjbaker@delta.edu, or Jay Vanhouten at (989)686-9315 - jvwvanhou@delta.edu. |                     |             |           |          |      |                |      |              |     |     |               |
| CPI 120-FA110   | INTRO PROCESS OPER  | Compressed  | LCLB      | DLTA     | MTWR | 8:00A - 11:25A | L131 | 2            | 25  | 16  | 8/29 - 9/14   |
| CPI 120-FA130   | INTRO PROCESS OPER  | Compressed  | LCLB      | DLTA     | F    | 8:00A - 12:00P | L131 | 2            | 25  | 17  | 9/2 - 10/14   |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name  | Title              | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates         |
|---|--------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|---------------|
| <u>Note: Required software is Office 2010.</u>  |                    |             |           |          |      |                 |      |              |     |     |               |
| CST 147-FA110   | POWERPOINT         | Compressed  | LCLB      | DLTA     | T    | 9:00A - 11:55A  | K114 | 2            | 18  | 18  | 8/30 - 11/8   |
| DA 114W-FA110   | DENTAL MATERIALS I | Compressed  | LCLB      | DLTA     | W    | 1:00P - 3:55P   | F135 | 2            | 20  | 21  | 10/5 - 12/14  |
| DH 216W-FA110   | COMM DENT I        | Compressed  | LCLB      | DLTA     | W    | 2:00P - 4:55P   | F002 | 2            | 18  | 15  | 8/31 - 11/9   |
| <u>Note: EMS110, EMS111, EMS112 and EMS113 must be taken concurrently. Prerequisites can be viewed at &lt;a href="http://www.delta.edu/firesci"&gt;Fire Science&lt;/a&gt;. Once you have completed prerequisites make appointment with Russ Holtman at (989) 686-9020 for permission to register.</u>   |                    |             |           |          |      |                 |      |              |     |     |               |
| EMS 112-FA503   | BAS EM MED TECH 3  | Compressed  | LCLB      | OTHR     | S    | 8:00A - 4:55P   | MMR  | 2            | 10  | 13  | 9/24 - 12/10  |
| <u>Note: The last meeting for this course is *****12/11/09. The additional time allows for student to take National Registry exam which governs grading. Students are given a printed schedule of meeting days upon registration. The schedule is also available at &lt;a href="http://www3.delta.edu/firesci/"&gt;FireScience Website&lt;/a&gt;.</u> |                    |             |           |          |      |                 |      |              |     |     |               |
| ENG 107W-FA210  | ELEM OF GRAMMAR    | Compressed  | LCLB      | RICK     | T    | 3:30P - 5:55P   | 113  | 2            | 15  | 15  | 9/27 - 12/13  |
| LW 221W-FA110   | FITNESS & WELLNESS | Compressed  | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | F015 | 2            | 20  | 17  | 8/30 - 11/17  |
| LW 221W-FA212   | FITNESS & WELLNESS | Compressed  | LCLB      | DLTA     | TR   | 1:00P - 2:55P   | F004 | 2            | 24  | 22  | 8/30 - 11/17  |
| <u>Note: Includes Learning Assistance Workshop to help prepare for tests and clarify course content (required based on course grade).</u>   |                    |             |           |          |      |                 |      |              |     |     |               |
| MTH 092-FA102   | BASIC MATH         | Compressed  | LCLB      | DCMC     | TR   | 8:30A - 9:55A   | 103  | 2            | 15  | 19  | 8/30 - 11/8   |
|   |                    | Compressed  | WKP       | DCMC     | TR   | 8:00A - 8:25A   | 103  | 2            |     |     | 8/30 - 11/8   |
| MTH 092-FA104   | BASIC MATH         | Compressed  | LCLB      | DLTA     | MW   | 8:30A - 9:55A   | J136 | 2            | 15  | 16  | 8/29 - 11/7   |
|   |                    | Compressed  | WKP       | DLTA     | MW   | 8:00A - 8:25A   | J136 | 2            |     |     | 8/29 - 11/7   |
| MTH 092-FA106   | BASIC MATH         | Compressed  | LCLB      | DLTA     | MW   | 8:30A - 9:55A   | J135 | 2            | 15  | 18  | 8/29 - 11/7   |
|   |                    | Compressed  | WKP       | DLTA     | MW   | 8:00A - 8:25A   | J135 | 2            |     |     | 8/29 - 11/7   |
| MTH 092-FA112   | BASIC MATH         | Compressed  | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | S060 | 2            | 15  | 15  | 10/4 - 12/15  |
|   |                    | Compressed  | WKP       | DLTA     | TR   | 9:00A - 9:25A   | S060 | 2            |     |     | 10/4 - 12/15  |
| MTH 092-FA114   | BASIC MATH         | Compressed  | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | G164 | 2            | 15  | 16  | 8/30 - 11/8   |
|   |                    | Compressed  | WKP       | DLTA     | TR   | 9:00A - 9:25A   | G164 | 2            |     |     | 8/30 - 11/8   |
| MTH 092-FA116   | BASIC MATH         | Compressed  | LCLB      | DCPL     | MW   | 9:30A - 10:55A  | 213  | 2            | 15  | 13  | 8/29 - 11/7   |
|   |                    | Compressed  | WKP       | DCPL     | MW   | 9:00A - 9:25A   | 213  | 2            |     |     | 8/29 - 11/7   |
| MTH 092-FA121   | BASIC MATH         | Compressed  | LCLB      | RICK     | F    | 10:00A - 12:30P | 112  | 2            | 15  | 20  | 9/16 - 12/9   |
|   |                    | Compressed  | WKP       | RICK     | F    | 9:00A - 9:55A   | 112  | 2            |     |     | 9/16 - 12/9   |
| MTH 092-FA122   | BASIC MATH         | Compressed  | LCLB      | DLTA     | MW   | 10:30A - 11:55A | S060 | 2            | 15  | 18  | 9/26 - 12/5   |
|   |                    | Compressed  | WKP       | DLTA     | MW   | 10:00A - 10:25A | S060 | 2            |     |     | 9/26 - 12/5   |
| MTH 092-FA123   | BASIC MATH         | Compressed  | LCLB      | RICK     | TR   | 9:00A - 10:25A  | 114  | 2            | 15  | 15  | 9/13 - 11/17  |
|   |                    | Compressed  | WKP       | RICK     | TR   | 8:30A - 8:55A   | 114  | 2            |     |     | 9/13 - 11/17  |
| MTH 092-FA124   | BASIC MATH         | Compressed  | LCLB      | DLTA     | TR   | 11:30A - 12:55P | A205 | 2            | 15  | 13  | 8/30 - 11/8   |
|   |                    | Compressed  | WKP       | DLTA     | TR   | 11:00A - 11:25A | A205 | 2            |     |     | 8/30 - 11/8   |
| MTH 092-FA129   | BASIC MATH         | Compressed  | LCLB      | DLTA     | MW   | 1:00P - 2:55P   | N210 | 2            | 15  | 20  | 10/24 - 12/14 |
|   |                    | Compressed  | WKP       | DLTA     | MW   | 12:00P - 12:55P | N210 | 2            |     |     | 10/24 - 12/14 |
| MTH 092-FA520   | BASIC MATH         | Compressed  | LCLB      | DLTA     | MW   | 10:00A - 11:55A | G164 | 2            | 15  | 16  | 8/29 - 10/19  |
|   |                    | Compressed  | WKP       | DLTA     | MW   | 9:00A - 9:55A   | G164 | 2            |     |     | 8/29 - 10/19  |
| <u>Note: Students enrolling in MTH 092 FA520 must also enroll in MTH 096 FA520. Computer aided homework section.</u>  |                    |             |           |          |      |                 |      |              |     |     |               |
| MTH 092-FA530   | BASIC MATH         | Compressed  | LCLB      | RICK     | MW   | 9:00A - 10:55A  | 115  | 2            | 15  | 16  | 8/29 - 10/19  |
|   |                    | Compressed  | WKP       | RICK     | MW   | 8:00A - 8:55A   | 115  | 2            |     |     | 8/29 - 10/19  |
| <u>Note: Students enrolling in MTH 092 FA530 must also enroll in MTH 096 FA530.</u>   |                    |             |           |          |      |                 |      |              |     |     |               |
| MTH 092-FA540   | BASIC MATH         | Compressed  | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | A207 | 2            | 15  | 18  | 8/29 - 10/19  |
|   |                    | Compressed  | WKP       | DLTA     | MW   | 2:00P - 2:55P   | A207 | 2            |     |     | 8/29 - 10/19  |
| <u>Note: Students enrolling in MTH 092 FA540 must also enroll in MTH 096 FA540. Computer aided homework section.</u>  |                    |             |           |          |      |                 |      |              |     |     |               |
| MTH 092-FA550   | BASIC MATH         | Compressed  | LCLB      | DLTA     | MW   | 3:00P - 4:55P   | A208 | 2            | 15  | 18  | 8/29 - 10/19  |
|   |                    | Compressed  | WKP       | DLTA     | MW   | 2:00P - 2:55P   | A208 | 2            |     |     | 8/29 - 10/19  |
| <u>Note: Students enrolling in MTH 092 FA550 must also enroll in MTH 096 FA550.</u>   |                    |             |           |          |      |                 |      |              |     |     |               |
| MTH 092-FA560   | BASIC MATH         | Compressed  | LCLB      | DLTA     | TR   | 3:00P - 4:55P   | M163 | 2            | 15  | 20  | 8/30 - 10/20  |
|   |                    | Compressed  | WKP       | DLTA     | TR   | 2:00P - 2:55P   | M163 | 2            |     |     | 8/30 - 10/20  |
| <u>Note: Students enrolling in MTH 092 FA560 must also enroll in MTH 096 FA560.</u>   |                    |             |           |          |      |                 |      |              |     |     |               |
| MTH 092-FA562   | BASIC MATH         | Compressed  | LCLB      | DLTA     | MW   | 6:00P - 7:55P   | S111 | 2            | 15  | 16  | 8/29 - 10/19  |
|   |                    | Compressed  | WKP       | DLTA     | MW   | 5:00P - 5:55P   | S111 | 2            |     |     | 8/29 - 10/19  |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name  | Title              | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates         |
|---|--------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|---------------|
| MTH 092-FA565   | BASIC MATH         | Compressed  | LCLB      | DLTA     | TR   | 7:00P - 8:55P   | S260 | 2            | 15  | 17  | 8/30 - 10/20  |
|   |                    | Compressed  | WKP       | DLTA     | TR   | 6:00P - 6:55P   | S260 | 2            |     |     | 8/30 - 10/20  |
| Note: Students enrolling in MTH 092 FA565 must also enroll in MTH 096 FA565.  |                    |             |           |          |      |                 |      |              |     |     |               |
| MTH 092-FA610   | BASIC MATH         | Compressed  | LCLB      | DLTA     | MTWR | 10:00A - 11:40A | A209 | 2            | 45  | 45  | 8/29 - 9/28   |
|   |                    | Compressed  | WKP       | DLTA     | MTWR | 9:00A - 9:55A   | A209 | 2            |     |     | 8/29 - 9/28   |
|   |                    | Compressed  |           | DLTA     |      | -               |      | 2            |     |     | -             |
| Note: <b>Learning Community Course.</b> Must also register for MTH096 FA610 and MTH 097 FA610. For information about learning communities, visit <a href="http://www.delta.edu/pages/972.aspx">http://www.delta.edu/pages/972.aspx</a> Learning Communities. Computer Aided Homework Section.                     |                    |             |           |          |      |                 |      |              |     |     |               |
| MTH 092-FA655   | BASIC MATH         | Compressed  | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | A205 | 2            | 15  | 15  | 8/30 - 10/20  |
|   |                    | Compressed  | WKP       | DLTA     | TR   | 1:00P - 1:55P   | A205 | 2            |     |     | 8/30 - 10/20  |
| Note: <b>Learning Community course.</b> Must also register for MTH 096 FA655 & LW 221W FA655. Click <a href="http://www.delta.edu/pages/972.aspx">http://www.delta.edu/pages/972.aspx</a> Learning Communities for more information. Computer Aided Homework Section.   |                    |             |           |          |      |                 |      |              |     |     |               |
| MTH 096-FA105   | PRE-ALGEBRA        | Compressed  | LCLB      | DLTA     | TR   | 8:00A - 9:25A   | J133 | 2            | 20  | 19  | 8/30 - 11/8   |
| MTH 096-FA120   | PRE-ALGEBRA        | Compressed  | LCLB      | DCPL     | MW   | 9:30A - 10:55A  | 217  | 2            | 20  | 20  | 8/29 - 11/7   |
| MTH 096-FA132   | PRE-ALGEBRA        | Compressed  | LCLB      | DLTA     | MW   | 10:00A - 11:25A | E116 | 2            | 20  | 21  | 8/29 - 11/7   |
| MTH 096-FA134   | PRE-ALGEBRA        | Compressed  | LCLB      | DLTA     | TR   | 11:00A - 12:25P | A213 | 2            | 20  | 20  | 8/30 - 11/8   |
| MTH 096-FA135   | PRE-ALGEBRA        | Compressed  | LCLB      | DLTA     | MW   | 12:30P - 1:55P  | G164 | 2            | 20  | 21  | 8/29 - 11/7   |
| MTH 096-FA160   | PRE-ALGEBRA        | Compressed  | LCLB      | DLTA     | TR   | 2:30P - 3:55P   | M151 | 2            | 20  | 22  | 8/30 - 11/8   |
| MTH 096-FA320   | PRE-ALGEBRA        | Compressed  | LCLB      | DLTA     | MW   | 5:00P - 6:25P   | G164 | 2            | 20  | 19  | 8/29 - 11/7   |
| MTH 096-FA340   | PRE-ALGEBRA        | Compressed  | LCLB      | DLTA     | TR   | 7:00P - 8:25P   | S059 | 2            | 20  | 21  | 8/30 - 11/8   |
| MTH 096-FA410   | PRE-ALGEBRA        | Compressed  | LCLB      | DLTA     | S    | 9:00A - 11:55A  | A205 | 2            | 20  | 19  | 9/10 - 11/12  |
| MTH 096-FA520   | PRE-ALGEBRA        | Compressed  | LCLB      | DLTA     | MW   | 10:00A - 11:55A | G164 | 2            | 15  | 10  | 10/24 - 12/14 |
|   |                    | Compressed  | WKP       | DLTA     | MW   | 9:00A - 9:55A   | G164 | 2            |     |     | 10/24 - 12/14 |
| Note: Students enrolling in MTH 096 FA520 must also enroll in MTH 092 FA520.  |                    |             |           |          |      |                 |      |              |     |     |               |
| MTH 096-FA530   | PRE-ALGEBRA        | Compressed  | LCLB      | RICK     | MW   | 9:00A - 10:55A  | 115  | 2            | 15  | 9   | 10/24 - 12/14 |
|   |                    | Compressed  | WKP       | RICK     | MW   | 8:00A - 8:55A   | 115  | 2            |     |     | 10/24 - 12/14 |
| Note: Students enrolling in MTH 092 FA530 must also enroll in MTH 096 FA530.  |                    |             |           |          |      |                 |      |              |     |     |               |
| MTH 096-FA540   | PRE-ALGEBRA        | Compressed  | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | A207 | 2            | 15  | 17  | 10/24 - 12/14 |
|   |                    | Compressed  | WKP       | DLTA     | MW   | 2:00P - 2:55P   | A207 | 2            |     |     | 10/24 - 12/14 |
| Note: Students enrolling in MTH 096 FA540 must also enroll in MTH092 FA540. Computer aided homework section.  |                    |             |           |          |      |                 |      |              |     |     |               |
| MTH 096-FA550   | PRE-ALGEBRA        | Compressed  | LCLB      | DLTA     | MW   | 3:00P - 4:55P   | A208 | 2            | 15  | 18  | 10/24 - 12/14 |
|   |                    | Compressed  | WKP       | DLTA     | MW   | 2:00P - 2:55P   | A208 | 2            |     |     | 10/24 - 12/14 |
| Note: Students enrolling in MTH 096 FA550 must also enroll in MTH092 FA550.   |                    |             |           |          |      |                 |      |              |     |     |               |
| MTH 096-FA560   | PRE-ALGEBRA        | Compressed  | LCLB      | DLTA     | TR   | 3:00P - 4:55P   | M163 | 2            | 15  | 13  | 10/25 - 12/15 |
|   |                    | Compressed  | WKP       | DLTA     | TR   | 2:00P - 2:55P   | M163 | 2            |     |     | 10/25 - 12/15 |
| Note: Students enrolling in MTH 096 FA560 must also enroll in MTH092 FA560.   |                    |             |           |          |      |                 |      |              |     |     |               |
| MTH 096-FA562   | PRE-ALGEBRA        | Compressed  | LCLB      | DLTA     | MW   | 6:00P - 7:55P   | S111 | 2            | 15  | 14  | 10/24 - 12/14 |
|   |                    | Compressed  | WKP       | DLTA     | MW   | 5:00P - 5:55P   | S111 | 2            |     |     | 10/24 - 12/14 |
| MTH 096-FA565   | PRE-ALGEBRA        | Compressed  | LCLB      | DLTA     | TR   | 7:00P - 8:55P   | M163 | 2            | 15  | 11  | 10/25 - 12/15 |
|   |                    | Compressed  | WKP       | DLTA     | TR   | 6:00P - 6:55P   | M163 | 2            |     |     | 10/25 - 12/15 |
| Note: Students enrolling in MTH 096 FA565 must also enroll in MTH 092 FA565.  |                    |             |           |          |      |                 |      |              |     |     |               |
| MTH 096-FA570   | PRE-ALGEBRA        | Compressed  | LCLB      | DLTA     | MWR  | 2:00P - 3:30P   | M104 | 2            | 20  | 22  | 8/29 - 10/10  |
| Note: Students enrolling in MTH 096 FA570 must also enroll in MTH 097 FA570.  |                    |             |           |          |      |                 |      |              |     |     |               |
| MTH 096-FA610   | PRE-ALGEBRA        | Compressed  | LCLB      | DLTA     | MTWR | 10:00A - 11:40A | A209 | 2            | 45  | 44  | 9/29 - 10/27  |
|   |                    | Compressed  | WKP       | DLTA     | MTWR | 9:00A - 9:55A   | A209 | 2            |     |     | 9/29 - 10/27  |
|   |                    | Compressed  |           | DLTA     |      | -               |      | 2            |     |     | -             |
| Note: <b>Learning Community Course.</b> Must also register for MTH092 FA610 and MTH 097 FA610. For information about learning communities, visit <a href="http://www3.delta.edu/learncom/lcstudent.html">http://www3.delta.edu/learncom/lcstudent.html</a> Learning Communities. Computer Aided Homework Section. |                    |             |           |          |      |                 |      |              |     |     |               |
| MTH 096-FA655   | PRE-ALGEBRA        | Compressed  | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | A205 | 2            | 15  | 10  | 10/25 - 12/15 |
|   |                    | Compressed  | WKP       | DLTA     | TR   | 1:00P - 1:55P   | A205 | 2            |     |     | 10/25 - 12/15 |
| Note: <b>Learning Community course.</b> Must also register for MTH 092 FA655, MTH 096 FA655, & LW 221W FA655. Click <a href="http://www3.delta.edu/learncom/lcstudent.html">http://www3.delta.edu/learncom/lcstudent.html</a> Learning Communities for more information. Computer Aided Homework Section.         |                    |             |           |          |      |                 |      |              |     |     |               |
| MTH 117-FA105   | MATH ALLIED HEALTH | Compressed  | LCLB      | DLTA     | MW   | 8:00A - 9:25A   | J137 | 2            | 20  | 19  | 8/29 - 11/7   |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name  | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates         |
|---|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|---------------|
| MTH 117-FA120   | MATH ALLIED HEALTH  | Compressed  | LCLB      | DLTA     | MW   | 10:00A - 11:25A | F005 | 2            | 20  | 22  | 8/29 - 11/7   |
| MTH 117-FA125   | MATH ALLIED HEALTH  | Compressed  | LCLB      | DCMC     | MW   | 10:00A - 11:25A | 153  | 2            | 20  | 16  | 8/29 - 11/7   |
| Note: Special section for Midland Health Care Tech students.  |                     |             |           |          |      |                 |      |              |     |     |               |
| MTH 117-FA140   | MATH ALLIED HEALTH  | Compressed  | LCLB      | DCMC     | MW   | 11:30A - 12:55P | 153  | 2            | 20  | 20  | 8/29 - 11/7   |
| Note: Special section for Midland Health Care Tech students.  |                     |             |           |          |      |                 |      |              |     |     |               |
| MTH 117-FA220   | MATH ALLIED HEALTH  | Compressed  | LCLB      | DLTA     | W    | 5:30P - 7:55P   | A204 | 2            | 20  | 19  | 8/31 - 11/30  |
| Note: THEORY COURSE: Must also register for lab section and Elsevier computerized assessment testing course (FEE 902).  |                     |             |           |          |      |                 |      |              |     |     |               |
| NT 215W-FA110   | TRANS-MATERNITY NSG | Compressed  | LCLB      | DLTA     | M    | 8:00A - 2:00P   | F243 | 2            | 10  | 9   | 8/29 - 8/29   |
|   |                     | Compressed  | LCLB      | DLTA     | M    | 8:00A - 2:00P   | F255 | 2            |     |     | 9/12 - 9/12   |
| Note: THEORY COURSE: Must also register for lab section and Elsevier computerized assessment testing course (FEE 902).  |                     |             |           |          |      |                 |      |              |     |     |               |
| NT 216W-FA110   | TRANS-PEDIATRIC NSG | Compressed  | LCLB      | DLTA     | W    | 8:00A - 2:00P   | F243 | 2            | 10  | 9   | 10/5 - 11/4   |
| Note: THEORY COURSE: Must also register for lab section and Elsevier computerized assessment testing course (FEE 902).  |                     |             |           |          |      |                 |      |              |     |     |               |
| NT 219W-FA110   | TRANS-MENTAL HEALTH | Compressed  | LCLB      | DLTA     | TR   | 12:00P - 5:00P  | F243 | 2            | 10  | 9   | 11/8 - 11/10  |
|   |                     | Compressed  | LN2       | DLTA     | MW   | 12:00P - 5:00P  | F243 | 2            |     |     | 11/14 - 11/21 |
| Note - LAB COURSE: Individual course sections will be assigned by the Nursing Office following registration for clinical entry. Reassignment of lab sections may occur to equally distribute students following NUR 101AW and NUR 101ALW.                         |                     |             |           |          |      |                 |      |              |     |     |               |
| NUR 101BLW-FA110  | CARE AGING ADULT L  | Compressed  | LCLB      | OTHR     | M    | 2:00P - 4:00P   | COVM | 2            | 10  | 8   | 10/24 - 12/14 |
|   |                     | Compressed  | LN2       | OTHR     | TW   | 6:30A - 12:30P  | COVM | 2            |     |     | 10/24 - 12/14 |
| NUR 101BLW-FA120  | CARE AGING ADULT L  | Compressed  | LCLB      | OTHR     | W    | 9:00A - 11:00A  | BMED | 2            | 10  | 9   | 10/26 - 12/9  |
|   |                     | Compressed  | LN2       | OTHR     | RF   | 6:30A - 12:30P  | BMED | 2            |     |     | 10/26 - 12/9  |
| NUR 101BLW-FA130  | CARE AGING ADULT L  | Compressed  | LCLB      | OTHR     | M    | 2:00P - 4:00P   | VAMC | 2            | 10  | 9   | 10/24 - 12/14 |
|   |                     | Compressed  | LN2       | OTHR     | TW   | 6:30A - 12:30P  | VAMC | 2            |     |     | 10/24 - 12/14 |
| NUR 101BLW-FA140  | CARE AGING ADULT L  | Compressed  | LCLB      | OTHR     | W    | 9:00A - 11:00A  | SMAR | 2            | 10  | 9   | 10/26 - 12/9  |
|   |                     | Compressed  | LN2       | OTHR     | RF   | 6:30A - 12:30P  | SMAR | 2            |     |     | 10/26 - 12/9  |
| NUR 101BLW-FA150  | CARE AGING ADULT L  | Compressed  | LCLB      | OTHR     | M    | 2:00P - 4:00P   | BMED | 2            | 10  | 10  | 10/24 - 12/14 |
|   |                     | Compressed  | LN2       | OTHR     | TW   | 6:30A - 12:30P  | BMED | 2            |     |     | 10/24 - 12/14 |
|   |                     | Compressed  |           | OTHR     |      | -               |      | 2            |     |     | -             |
| NUR 101BLW-FA160  | CARE AGING ADULT L  | Compressed  | LCLB      | OTHR     | W    | 9:00A - 11:00A  | SMAR | 2            | 10  | 10  | 10/26 - 12/9  |
|   |                     | Compressed  | LN2       | OTHR     | RF   | 12:30P - 6:30P  | SMAR | 2            |     |     | 10/26 - 12/9  |
| Note - THEORY COURSE: Students must register for NUR-000 Clinical Entry. Individual course sections will be assigned by the Nursing Office following registration for clinical entry. Students will also be registered for Elsevier Computerized Testing Fee 902. |                     |             |           |          |      |                 |      |              |     |     |               |
| NUR 101BW-FA110   | CARE AGING ADULT    | Compressed  | LCLB      | DLTA     | M    | 8:00A - 12:30P  | F251 | 2            | 24  | 27  | 10/24 - 12/16 |
| NUR 101BW-FA120   | CARE AGING ADULT    | Compressed  | LCLB      | DLTA     | M    | 8:00A - 12:30P  | F250 | 2            | 24  | 28  | 10/24 - 12/16 |
| Note: THEORY COURSE: Must also register for lab section and Elsevier computerized assessment testing course (FEE 902). Detailed calendar included in bookstore packet.  |                     |             |           |          |      |                 |      |              |     |     |               |
| NUR 115W-FA110  | MATERNITY NURSING   | Compressed  | LCLB      | DLTA     | M    | 8:00A - 2:00P   | F255 | 2            | 20  | 18  | 8/29 - 8/29   |
|   |                     | Compressed  | LN2       | DLTA     | W    | 8:00A - 2:00P   | F255 | 2            |     |     | 8/31 - 8/31   |
|   |                     | Compressed  | LCLB      | DLTA     | F    | 8:00A - 2:00P   | F255 | 2            |     |     | 9/9 - 9/9     |
| NUR 115W-FA120  | MATERNITY NURSING   | Compressed  | LCLB      | DLTA     | M    | 8:00A - 2:00P   | F255 | 2            | 20  | 19  | 10/3 - 10/3   |
|   |                     | Compressed  | LN2       | DLTA     | W    | 8:00A - 2:00P   | F255 | 2            |     |     | 10/5 - 10/5   |
| NUR 115W-FA130  | MATERNITY NURSING   | Compressed  | LCLB      | DLTA     | M    | 8:00A - 2:00P   | F255 | 2            | 20  | 20  | 11/7 - 11/7   |
|   |                     | Compressed  | LN2       | DLTA     | W    | 8:00A - 2:00P   | F255 | 2            |     |     | 11/9 - 11/9   |
| Note: THEORY COURSE: Must also register for lab section and Elsevier computerized assessment testing course (FEE 902). Detailed calendar included in bookstore packet.  |                     |             |           |          |      |                 |      |              |     |     |               |
| NUR 116W-FA110  | PEDIATRIC NURSING   | Compressed  | LCLB      | DLTA     | T    | 8:00A - 2:00P   | G163 | 2            | 20  | 20  | 8/30 - 8/30   |
|   |                     | Compressed  | LN2       | DLTA     | W    | 8:00A - 2:00P   | F251 | 2            |     |     | 9/7 - 9/7     |
| NUR 116W-FA120  | PEDIATRIC NURSING   | Compressed  | LCLB      | DLTA     | T    | 8:00A - 2:00P   | F240 | 2            | 20  | 18  | 10/4 - 10/4   |
| NUR 116W-FA130  | PEDIATRIC NURSING   | Compressed  | LCLB      | DLTA     | T    | 8:00A - 2:00P   | F251 | 2            | 20  | 17  | 11/8 - 11/8   |
| Note: THEORY COURSE: Must also register for lab section and Elsevier computerized assessment testing course (FEE 902). Detailed calendar included in bookstore packet.  |                     |             |           |          |      |                 |      |              |     |     |               |
| NUR 119W-FA110  | MENTAL HEALTH NSG   | Compressed  | LCLB      | DCPL     | M    | 9:00A - 3:00P   | 223  | 2            | 20  | 20  | 8/29 - 8/29   |
|   |                     | Compressed  | LCLB      | DCPL     | T    | 9:00A - 3:00P   | 223  | 2            |     |     | 9/6 - 9/6     |
| Class meets Aug. 29, 31, Sept. 6, 12, 19  |                     |             |           |          |      |                 |      |              |     |     |               |
| NUR 119W-FA120  | MENTAL HEALTH NSG   | Compressed  | LCLB      | DCPL     | M    | 9:00A - 3:00P   | 223  | 2            | 20  | 16  | 10/3 - 10/3   |
| Class meets Oct. 3, 5, 10, 17, 27   |                     |             |           |          |      |                 |      |              |     |     |               |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name  | Title                | Term Length | Inst Meth | Location | Days | Time           | Room | Credit Hours | Cap | Enr | Dates         |
|---|----------------------|-------------|-----------|----------|------|----------------|------|--------------|-----|-----|---------------|
| NUR 119W-FA130  | MENTAL HEALTH NSG    | Compressed  | LCLB      | DCPL     | M    | 9:00A - 3:00P  | 223  | 2            | 20  | 15  | 11/7 - 11/7   |
| Class meets Nov. 7, 9, 14, 21, 28   |                      |             |           |          |      |                |      |              |     |     |               |
| PHL 210W-FA310  | INFO/TECH ETHIC/LAW  | Compressed  | LCLB      | DLTA     | T    | 6:00P - 8:55P  | A121 | 2            | 18  | 16  | 8/30 - 11/8   |
| PTA 210-FA110   | NEURO-REHAB TECH     | Compressed  | LCLB      | DLTA     | TR   | 9:15A - 10:35A | P126 | 2            | 20  | 18  | 8/30 - 11/10  |
| RAD 104W-FA901  | INTRO TO MED IMAGING | Compressed  | LCLB      | DLTA     | TR   | 1:00P - 2:55P  | F024 | 2            | 18  | 18  | 8/30 - 10/20  |
| RAD 108-FA110   | PT CARE AND MGMT     | Compressed  | LCLB      | DLTA     | TR   | 1:00P - 2:55P  | F024 | 2            | 18  | 15  | 10/25 - 12/15 |
| RAD 110-FA110   | PRIN RADIOGRPH EXPS  | Compressed  | LCLB      | DLTA     | M    | 12:00P - 1:55P | F024 | 2            | 4   | 2   | 10/24 - 12/16 |
|   |                      | Compressed  | LN2       | DLTA     | F    | 9:00A - 11:55A | F017 | 2            |     |     | 10/24 - 12/16 |
| RAD 110-FA120   | PRIN RADIOGRPH EXPS  | Compressed  | LCLB      | DLTA     | M    | 12:00P - 1:55P | F024 | 2            | 4   | 5   | 10/24 - 12/15 |
|   |                      | Compressed  | LN2       | DLTA     | R    | 9:00A - 11:55A | F017 | 2            |     |     | 10/24 - 12/15 |
| RAD 110-FA130   | PRIN RADIOGRPH EXPS  | Compressed  | LCLB      | DLTA     | M    | 12:00P - 1:55P | F024 | 2            | 5   | 4   | 10/24 - 12/13 |
|   |                      | Compressed  | LN2       | DLTA     | T    | 9:00A - 11:55A | F017 | 2            |     |     | 10/24 - 12/13 |
| RAD 110-FA140   | PRIN RADIOGRPH EXPS  | Compressed  | LCLB      | DLTA     | M    | 12:00P - 1:55P | F024 | 2            | 5   | 4   | 10/24 - 12/14 |
|   |                      | Compressed  | LN2       | DLTA     | W    | 9:00A - 11:55A | F017 | 2            |     |     | 10/24 - 12/14 |
| RAD 215-FA110   | RAD PROCEDURES 3     | Compressed  | LCLB      | DLTA     | M    | 9:00A - 10:55A | F024 | 2            | 5   | 5   | 8/29 - 10/13  |
|   |                      | Compressed  | LN2       | DLTA     | R    | 11:30A - 2:25P | F017 | 2            |     |     | 8/29 - 10/13  |
| RAD 215-FA130   | RAD PROCEDURES 3     | Compressed  | LCLB      | DLTA     | M    | 9:00A - 10:55A | F024 | 2            | 4   | 3   | 8/29 - 10/14  |
|   |                      | Compressed  | LN2       | DLTA     | F    | 12:00P - 2:55P | F017 | 2            |     |     | 8/29 - 10/14  |
| RAD 215-FA140   | RAD PROCEDURES 3     | Compressed  | LCLB      | DLTA     | M    | 1:30P - 4:25P  | F017 | 2            | 5   | 5   | 8/29 - 10/10  |
|   |                      | Compressed  | LN2       | DLTA     | M    | 9:00A - 10:55A | F024 | 2            |     |     | 8/29 - 10/10  |
| RT 100-FA210  | BAS SCI RESP CARE    | Compressed  | LCLB      | DLTA     | R    | 3:00P - 5:55P  | F245 | 2            | 20  | 21  | 9/15 - 12/1   |
| RT 121-FA110  | ORIENT RESP CARE     | Compressed  | LCLB      | DLTA     | W    | 8:00A - 4:55P  | F245 | 2            | 15  | 17  | 9/14 - 12/14  |
| Note: Meets W various weeks. A Master Schedule will be provided at orientation.   |                      |             |           |          |      |                |      |              |     |     |               |
| <u>Note: A schedule for the semester will be provided at orientation.</u>   |                      |             |           |          |      |                |      |              |     |     |               |
| RT 131-FA901  | ART AIRWAY VENTN     | Compressed  | LCLB      | DLTA     |      | 9:00A - 2:55P  | F245 | 2            | 15  | 17  | 11/7 - 12/14  |
| Note: Meets MTW 9AM-2:55PM various weeks. A Master Schedule will be provided at orientation.  |                      |             |           |          |      |                |      |              |     |     |               |
| SKEL 103-FA310  | OSHA & MI ELEC LAWS  | Compressed  | LCLB      | DLTA     | W    | 5:00P - 8:55P  | N202 | 2            | 16  | 12  | 9/14 - 11/2   |
| SKMT 161-FA310  | IND RIGGING/SAFETY   | Compressed  | LCLB      | DLTA     | R    | 6:00P - 7:00P  | L112 | 2            | 16  | 16  | 9/1 - 11/10   |
|   |                      | Compressed  | LN2       | DLTA     | R    | 7:00P - 8:40P  | M162 | 2            |     |     | 9/1 - 11/10   |
| SKPT 111-FA310  | STATNRY BOILER OP I  | Compressed  | LCLB      | DLTA     | MW   | 7:00P - 9:35P  | L106 | 2            | 15  | 9   | 8/29 - 10/5   |
| SKPT 112-FA310  | STAT BOILER ENGR II  | Compressed  | LCLB      | DLTA     | MW   | 7:00P - 9:55P  | L106 | 2            | 15  | 9   | 10/10 - 11/9  |
| WTT 110-FA110   | CLIMB SAFETY         | Compressed  | LCLB      | DLTA     | S    | 9:00A - 4:55P  | M150 | 2            | 12  | 9   | 9/17 - 11/8   |
| This course will require additional contact time than what isscheduled. Required Equipment: All leather work gloves, OSHAapproved safety glasses, and electrically rated safety boots.You will be required to bring a completed physical the first dayof class. |                      |             |           |          |      |                |      |              |     |     |               |
| ACE 105W-FA110  | YR I EXP I BUS HS    | Compressed  | LCLB      | DLTA     | T    | 8:00A - 10:55A | D135 | 3            | 30  | 9   | 9/20 - 10/18  |
| ACE 105W-FA120  | YR I EXP I BUS HS    | Compressed  | LCLB      | DLTA     | F    | 8:00A - 10:55A | J135 | 3            | 30  | 18  | 11/4 - 12/9   |
| ACE 105W-FA310  | YR I EXP I BUS HS    | Compressed  | LCLB      | DLTA     | W    | 6:00P - 8:55P  | J132 | 3            | 30  | 14  | 9/21 - 10/19  |
| ACE 110W-FA110  | YR 1 EXP 1 COM SCI   | Compressed  | LCLB      | DLTA     | T    | 8:00A - 10:55A | D135 | 3            | 30  | 3   | 9/20 - 10/18  |
| ACE 110W-FA120  | YR 1 EXP 1 COM SCI   | Compressed  | LCLB      | DLTA     | F    | 8:00A - 10:55A | J135 | 3            | 30  | 2   | 11/4 - 12/9   |
| ACE 110W-FA310  | YR 1 EXP 1 COM SCI   | Compressed  | LCLB      | DLTA     | W    | 6:00P - 8:55P  | J132 | 3            | 30  | 4   | 9/21 - 10/19  |
| ACE 115W-FA110  | YR 1 EXP 1 HLTH SC   | Compressed  | LCLB      | DLTA     | T    | 8:00A - 10:55A | D135 | 3            | 30  | 1   | 9/20 - 10/18  |
| ACE 115W-FA120  | YR 1 EXP 1 HLTH SC   | Compressed  | LCLB      | DLTA     | F    | 8:00A - 10:55A | J135 | 3            | 30  | 2   | 11/4 - 12/9   |
| ACE 115W-FA310  | YR 1 EXP 1 HLTH SC   | Compressed  | LCLB      | DLTA     | W    | 6:00P - 8:55P  | J132 | 3            | 30  | 0   | 9/21 - 10/19  |
| ACE 120W-FA110  | YR 1 EXP 1 TECH IND  | Compressed  | LCLB      | DLTA     | T    | 8:00A - 10:55A | D135 | 3            | 30  | 2   | 9/20 - 10/18  |
| ACE 120W-FA120  | YR 1 EXP 1 TECH IND  | Compressed  | LCLB      | DLTA     | F    | 8:00A - 10:55A | J135 | 3            | 30  | 7   | 11/4 - 12/9   |
| ACE 120W-FA310  | YR 1 EXP 1 TECH IND  | Compressed  | LCLB      | DLTA     | W    | 6:00P - 8:55P  | J132 | 3            | 30  | 7   | 9/21 - 10/19  |
| AUT 100-FA310   | INTRO AUTO SERVICE   | Compressed  | LCLB      | DLTA     | TR   | 6:00P - 7:55P  | M153 | 3            | 20  | 19  | 8/30 - 10/20  |
|   |                      | Compressed  | LCLB      | DLTA     | TR   | 8:00P - 9:55P  | M110 | 3            |     |     | 8/30 - 10/20  |
| AUT 100-FA320   | INTRO AUTO SERVICE   | Compressed  | LCLB      | DLTA     | MW   | 6:00P - 7:55P  | M153 | 3            | 20  | 18  | 8/29 - 10/19  |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name  | Title                | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates         |
|---|----------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|---------------|
| AUT 100-FA320   |                      | Compressed  | LCLB      | DLTA     | MW   | 8:00P - 9:55P   | M110 | 3            |     |     | 8/29 - 10/19  |
| AUT 108-FA310   | AUTO ELECTRONICS     | Compressed  | LCLB      | DLTA     | MW   | 6:00P - 7:55P   | M153 | 3            | 20  | 21  | 10/24 - 12/14 |
|   |                      | Compressed  | LN3       | DLTA     | MW   | 8:00P - 9:55P   | M110 | 3            |     |     | 10/24 - 12/14 |
| AUT 108-FA320   | AUTO ELECTRONICS     | Compressed  | LCLB      | DLTA     | TR   | 6:00P - 7:55P   | M153 | 3            | 20  | 18  | 10/25 - 12/15 |
|   |                      | Compressed  | LN3       | DLTA     | TR   | 8:00P - 9:55P   | M110 | 3            |     |     | 10/25 - 12/15 |
| BIO 130W-FA120  | INTRO BIOCHEM & CELL | Compressed  | LCLB      | RICK     | T    | 10:00A - 12:55P | 143  | 3            | 15  | 13  | 9/20 - 11/29  |
|   |                      | Compressed  | LN2       | RICK     | F    | 10:00A - 12:55P | C110 | 3            |     |     | 9/20 - 11/29  |
| Note: Class meets for lecture at Ricker Campus on Tuesdays. Class meets for labs at Main Campus on Fridays; late start class.   |                      |             |           |          |      |                 |      |              |     |     |               |
| BIO 130W-FA130  | INTRO BIOCHEM & CELL | Compressed  | LCLB      | DLTA     | TR   | 11:00A - 1:55P  | C110 | 3            | 15  | 17  | 9/20 - 11/29  |
| Note: Late start class.   |                      |             |           |          |      |                 |      |              |     |     |               |
| BIO 130W-FA210  | INTRO BIOCHEM & CELL | Compressed  | LCLB      | DLTA     | TR   | 4:00P - 6:55P   | C110 | 3            | 15  | 16  | 9/20 - 11/29  |
| Note: Late start class.   |                      |             |           |          |      |                 |      |              |     |     |               |
| COM 114W-FA130  | INTERPRSNL COMMUNCT  | Compressed  | LCLB      | DLTA     | F    | 10:00A - 1:40P  | S113 | 3            | 22  | 22  | 9/2 - 11/18   |
| COM 114W-FA210  | INTERPRSNL COMMUNCT  | Compressed  | LCLB      | RICK     | TR   | 4:00P - 5:45P   | 112  | 3            | 20  | 18  | 9/20 - 12/15  |
| CPI 220-FA110   | PROCESS MEASUREMENT  | Compressed  | LCLB      | DLTA     | MTWR | 8:00A - 11:25A  | M163 | 3            | 20  | 14  | 10/31 - 11/21 |
| CPI 220-FA120   | PROCESS MEASUREMENT  | Compressed  | LCLB      | DLTA     | MTWR | 8:00A - 11:25A  | L131 | 3            | 20  | 15  | 10/31 - 11/21 |
| CPI 230-FA110   | PROCESS CONTROL      | Compressed  | LCLB      | DLTA     | MTWR | 8:00A - 11:25A  | M163 | 3            | 20  | 16  | 11/22 - 12/15 |
| CPI 230-FA120   | PROCESS CONTROL      | Compressed  | LCLB      | DLTA     | MTWR | 8:00A - 11:25A  | L131 | 3            | 20  | 15  | 11/22 - 12/15 |
| CPI 240W-FA110  | PROC TROUBLESHOOTNG  | Compressed  | LCLB      | DLTA     | TR   | 12:00P - 3:55P  | L130 | 3            | 16  | 16  | 10/6 - 11/3   |
|   |                      | Compressed  | LN2       | DLTA     | W    | 12:00P - 1:55P  | L131 | 3            |     |     | 10/6 - 11/3   |
|   |                      | Compressed  | LCLB      | DLTA     | M    | 12:00P - 3:55P  | L131 | 3            |     |     | 10/6 - 11/3   |
| CPI 240W-FA120  | PROC TROUBLESHOOTNG  | Compressed  | LCLB      | DLTA     | M    | 12:00P - 3:55P  | L130 | 3            | 16  | 10  | 10/6 - 11/3   |
|   |                      | Compressed  | LN2       | DLTA     | W    | 12:00P - 1:55P  | L130 | 3            |     |     | 10/6 - 11/3   |
|   |                      | Compressed  | LN2       | DLTA     | TR   | 12:00P - 3:55P  | L131 | 3            |     |     | 10/6 - 11/3   |
| Note: Required software is Office 2010.   |                      |             |           |          |      |                 |      |              |     |     |               |
| CST 134-FA110   | MS OFFICE/BUS SYS    | Compressed  | LCLB      | DLTA     | MW   | 10:00A - 11:55A | K107 | 3            | 18  | 17  | 8/29 - 11/14  |
| ENG 111A-FA130  | WRIT MET/COL COMP I  | Compressed  | LCLB      | OTHR     | TR   | 9:00A - 11:55A  | TBA  | 3            | 18  | 17  | 9/20 - 12/15  |
| MTH 097-FA120   | ALGEBRA I            | Compressed  | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | E112 | 3            | 25  | 30  | 9/13 - 12/1   |
| MTH 097-FA230   | ALGEBRA I            | Compressed  | LCLB      | DLTA     | TR   | 4:00P - 5:55P   | M151 | 3            | 25  | 27  | 8/30 - 11/15  |
| MTH 097-FA570   | ALGEBRA I            | Compressed  | LCLB      | DLTA     | MWR  | 2:00P - 3:30P   | M104 | 3            | 20  | 21  | 10/12 - 12/15 |
| Note: Students enrolling in MTH 097 FA570 must also enroll in MTH 096 FA570.  |                      |             |           |          |      |                 |      |              |     |     |               |
| MTH 097-FA610   | ALGEBRA I            | Compressed  | LCLB      | DLTA     | MTWR | 10:00A - 11:40A | A209 | 3            | 45  | 40  | 10/31 - 12/15 |
|   |                      | Compressed  | WKP       | DLTA     | MTWR | 9:00A - 9:55A   | A209 | 3            |     |     | 10/31 - 12/15 |
|   |                      | Compressed  |           | DLTA     |      | -               |      | 3            |     |     | -             |
| Note: <b>Learning Community Course.</b> Must also register for MTH092 FA610 and MTH 096 FA610. For information about learningcommunities, visit <a href="http://www3.delta.edu/learncom/lcstudent.html">http://www3.delta.edu/learncom/lcstudent.html</a> LearningCommunities. Computer Aided Homework Section. |                      |             |           |          |      |                 |      |              |     |     |               |
| Note: Permission to register for this course must be obtained through the Cooperative Education Office, A008 (West Courtyard Level). This course is an on-site work experience.   |                      |             |           |          |      |                 |      |              |     |     |               |
| OAT 166W-FA310  | OFFICE INTERN        | Compressed  | LCLB      | DLTA     | W    | 6:00P - 8:55P   | J132 | 3            | 30  | 4   | 9/21 - 10/19  |
| Note - LAB COURSE: Individual course sections will be assigned by the Nursing Office following registration for clinical entry.   |                      |             |           |          |      |                 |      |              |     |     |               |
| PNE 121LW-FA110   | FUND OF PRAC NRSG L  | Compressed  | LCLB      | OTHR     | TW   | 7:00A - 2:00P   | TBA  | 3            | 10  | 10  | 10/18 - 10/19 |
| PNE 121LW-FA120   | FUND OF PRAC NRSG L  | Compressed  | LCLB      | OTHR     | SN   | 7:00A - 2:00P   | COVM | 3            | 10  | 10  | 9/10 - 12/8   |
|   |                      | Compressed  |           | OTHR     |      | -               |      | 3            |     |     | -             |
| PNE 121LW-FA130   | FUND OF PRAC NRSG L  | Compressed  | LCLB      | OTHR     | WR   | 7:00A - 2:00P   | HSHP | 3            | 10  | 10  | 10/18 - 12/8  |
|   |                      | Compressed  | LN2       | OTHR     | TW   | 7:00A - 2:00P   | HSHP | 3            |     |     | 11/8 - 11/9   |
| PNE 121LW-FA140   | FUND OF PRAC NRSG L  | Compressed  | LCLB      | OTHR     | WR   | 7:00A - 2:00P   | COVM | 3            | 10  | 10  | 9/11 - 12/8   |
|   |                      | Compressed  | LN2       | OTHR     | TW   | 7:00A - 2:00P   | COVM | 3            |     |     | 9/11 - 11/9   |
|   |                      | Compressed  |           | OTHR     |      | -               |      | 3            |     |     | -             |
| Note: Same as POL 104W except without civic engagement project.   |                      |             |           |          |      |                 |      |              |     |     |               |
| POL 103W-FA335  | AMERICAN GOVERNMENT  | Compressed  | LCLB      | DLTA     | R    | 6:00P - 9:40P   | J141 | 3            | 25  | 26  | 9/1 - 11/17   |
| POL 103W-FA340  | AMERICAN GOVERNMENT  | Compressed  | LCLB      | DLTA     | W    | 6:00P - 9:40P   | E114 | 3            | 25  | 26  | 8/31 - 11/16  |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name   | Title                | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates         |
|--|----------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|---------------|
| RAD 105-FA110  | FUNDAMENTALS OF RAD  | Compressed  | LCLB      | DLTA     | M    | 12:00P - 1:55P  | F024 | 3            | 5   | 5   | 8/29 - 10/19  |
|  |                      | Compressed  | LN2       | DLTA     | W    | 9:00A - 11:55A  | F017 | 3            |     |     | 8/29 - 10/19  |
|  |                      | Compressed  | LN3       | DLTA     | W    | 12:00P - 12:55P | F017 | 3            |     |     | 8/29 - 10/19  |
| RAD 105-FA120  | FUNDAMENTALS OF RAD  | Compressed  | LCLB      | DLTA     | M    | 12:00P - 1:55P  | F024 | 3            | 4   | 5   | 8/29 - 10/19  |
|  |                      | Compressed  | LN2       | DLTA     | R    | 8:30A - 11:25A  | F017 | 3            |     |     | 8/29 - 10/19  |
|  |                      | Compressed  | LN3       | DLTA     | W    | 12:00P - 12:55P | F017 | 3            |     |     | 8/29 - 10/19  |
| RAD 105-FA130  | FUNDAMENTALS OF RAD  | Compressed  | LCLB      | DLTA     | M    | 12:00P - 1:55P  | F024 | 3            | 5   | 5   | 8/29 - 10/19  |
|  |                      | Compressed  | LN2       | DLTA     | T    | 9:00A - 11:55A  | F017 | 3            |     |     | 8/29 - 10/19  |
|  |                      | Compressed  | LN3       | DLTA     | W    | 12:00P - 12:55P | F017 | 3            |     |     | 8/29 - 10/19  |
| RAD 105-FA140  | FUNDAMENTALS OF RAD  | Compressed  | LCLB      | DLTA     | M    | 12:00P - 1:55P  | F024 | 3            | 4   | 3   | 8/29 - 10/19  |
|  |                      | Compressed  | LN2       | DLTA     | F    | 8:30A - 11:25A  | F017 | 3            |     |     | 8/29 - 10/19  |
|  |                      | Compressed  | LN3       | DLTA     | W    | 12:00P - 12:55P | F017 | 3            |     |     | 8/29 - 10/19  |
| RT 118-FA901   | BASIC RESP CARE II   | Compressed  | LCLB      | DLTA     |      | 9:00A - 2:55P   | F245 | 3            | 15  | 17  | 10/10 - 12/13 |
| Note: Meets MTW 9AM-2:55PM various weeks. Master schedule for semester will be provided at orientation.  |                      |             |           |          |      |                 |      |              |     |     |               |
| SKMA 112-FA310   | AP INT ELEC MATH II  | Compressed  | LCLB      | DLTA     | TR   | 6:00P - 8:55P   | M163 | 3            | 18  | 11  | 8/30 - 10/20  |
| SKMA 113-FA310   | AP INT ELEC MTH III  | Compressed  | LCLB      | DLTA     | TR   | 6:00P - 8:55P   | N210 | 3            | 18  | 11  | 10/25 - 12/15 |
| SKWL 103-FA510   | INTRO TO CUTTING     | Compressed  | LCLB      | DLTA     | M    | 5:00P - 9:25P   | L140 | 3            | 5   | 4   | 10/10 - 12/12 |
| Contact Russ Holtman (686-9020) to register for this course.   |                      |             |           |          |      |                 |      |              |     |     |               |
| SKWL 104-FA510   | INTR SHLD ARC WLDING | Compressed  | LCLB      | DLTA     | W    | 5:00P - 9:25P   | L140 | 3            | 5   | 4   | 9/28 - 12/14  |
| Contact Russ Holtman (686-9020) to register for this course. This section will not meet on 11/16/2011.   |                      |             |           |          |      |                 |      |              |     |     |               |
| WELD 103-FA220   | INTRO TO CUTTING     | Compressed  | LCLB      | DLTA     | R    | 5:00P - 9:30P   | L141 | 3            | 12  | 11  | 10/6 - 12/15  |
| WELD 103-FA230   | INTRO TO CUTTING     | Compressed  | LCLB      | DLTA     | T    | 5:00P - 9:25P   | L141 | 3            | 12  | 9   | 10/4 - 12/13  |
| This section will not meet on 11/15/2011.  |                      |             |           |          |      |                 |      |              |     |     |               |
| WELD 103-FA510   | INTRO TO CUTTING     | Compressed  | LCLB      | DLTA     | M    | 5:00P - 9:25P   | L140 | 3            | 7   | 7   | 10/10 - 12/12 |
| WELD 104-FA220   | INTR SHLD ARC WLDNG  | Compressed  | LCLB      | OTHR     | T    | 5:00P - 9:25P   | BCRK | 3            | 11  | 9   | 10/4 - 12/13  |
| This section will not meet on 11/15/2011.  |                      |             |           |          |      |                 |      |              |     |     |               |
| WELD 104-FA510   | INTR SHLD ARC WLDNG  | Compressed  | LCLB      | DLTA     | W    | 5:00P - 9:25P   | L140 | 3            | 7   | 6   | 9/28 - 12/14  |
| This section will not meet on 11/16/2011.  |                      |             |           |          |      |                 |      |              |     |     |               |
| <u>Note -THEORY COURSE: Students must register for NPT-000 - Clinical Entry. Individual course sections will be assigned by the Nursing Office following registration for clinical entry.Students will also be registered for Meds Publishing Fee 902.</u>   |                      |             |           |          |      |                 |      |              |     |     |               |
| NPT 101AW-FA110  | NSG FUNDALMENTALS    | Compressed  | LCLB      | DLTA     | M    | 10:00A - 5:00P  | F244 | 3.5          | 22  | 30  | 8/29 - 11/7   |
|  |                      | Compressed  | LN2       | DLTA     | T    | 8:00A - 4:00P   | F255 | 3.5          |     |     | 8/30 - 8/30   |
|  |                      | Compressed  | LCLB      | DLTA     | T    | 8:00A - 4:00P   | F255 | 3.5          |     |     | 10/11 - 10/11 |
| <u>Note - THEORY COURSE: Students must register for NUR-000 Clinical Entry. Individual course sections will be assigned by the Nursing Office following registration for clinical entry.Students will also be registered for Elsevier Computerized Testing Fee 902.</u>  |                      |             |           |          |      |                 |      |              |     |     |               |
| NUR 101AW-FA110  | NSG FUNDAMENTALS     | Compressed  | LCLB      | DLTA     | M    | 8:00A - 12:00P  | F251 | 3.5          | 24  | 29  | 8/29 - 10/20  |
|  |                      | Compressed  | LN2       | DLTA     | TR   | 8:00A - 12:00P  | F251 | 3.5          |     |     | 8/30 - 10/20  |
| NUR 101AW-FA120  | NSG FUNDAMENTALS     | Compressed  | LCLB      | DLTA     | M    | 8:00A - 3:00P   | F250 | 3.5          | 24  | 30  | 8/29 - 10/17  |
|  |                      | Compressed  | LN2       | DLTA     | T    | 8:00A - 11:00A  | F250 | 3.5          |     |     | 8/29 - 10/17  |
|  |                      | Compressed  | LCLB      | DLTA     | T    | 12:00P - 4:00P  | F243 | 3.5          |     |     | 9/6 - 9/6     |
| <u>A Criminal Background Check (CBC) must be completed before entering the clinical agency. Students are not eligible for a course refund, beyond the College defined refund period, if a determination has been made by the clinical agency to prevent the student from entering the facility for any reason.</u> |                      |             |           |          |      |                 |      |              |     |     |               |
| CNA 100W-FA110   | CERT NUR ASST TRNG   | Compressed  | LCLB      | DCMC     | TR   | 8:00A - 4:30P   | 202  | 3.7          | 15  | 15  | 8/30 - 10/18  |
| Students who register for CNA-100W-FA110 must also register forlab/clinical section CNA-100LW-FA110 or FA120.  |                      |             |           |          |      |                 |      |              |     |     |               |
| CNA 100W-FA120   | CERT NUR ASST TRNG   | Compressed  | LCLB      | DCMC     | TR   | 8:00A - 4:30P   | 202  | 3.7          | 16  | 14  | 10/25 - 12/15 |
| Students who register for CNA-100W-FA120 must also register forlab/clinical section CNA-100LW-FA130 or FA140.  |                      |             |           |          |      |                 |      |              |     |     |               |
| AGM 110-FA110  | AUTO ELECTRONICS SEV | Compressed  | LCLB      | DLTA     | MTW  | 7:30A - 9:00A   | M153 | 4            | 12  | 10  | 8/29 - 9/27   |
|  |                      | Compressed  | LCLB      | DLTA     | MTW  | 9:00A - 10:25A  | M110 | 4            |     |     | 8/29 - 9/27   |
|  |                      | Compressed  | LCLB      | DLTA     | MT   | 10:30A - 11:55A | M153 | 4            |     |     | 8/29 - 9/27   |
|  |                      | Compressed  | LN2       | DLTA     | MT   | 1:00P - 1:55P   | M153 | 4            |     |     | 8/29 - 9/27   |
|  |                      | Compressed  | LN2       | DLTA     | MT   | 2:00P - 3:55P   | M110 | 4            |     |     | 8/29 - 9/27   |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name   | Title                | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|--|----------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|--------------|
| AGM 110-FA110  |                      | Compressed  | LN2       | DLTA     | MT   | 4:00P - 4:55P   | M153 | 4            |     |     | 8/29 - 9/27  |
| "Click" course link to the left for more class meeting times.                |                      |             |           |          |      |                 |      |              |     |     |              |
| AUT 110-FA310  | AUTO ELEC SERVICE    | Compressed  | LCLB      | DLTA     | MTWR | 6:00P - 8:25P   | M161 | 4            | 20  | 13  | 8/29 - 9/27  |
|  |                      | Compressed  | LN2       | DLTA     | MTWR | 8:30P - 10:55P  | M115 | 4            |     |     | 8/29 - 9/27  |
| AUT 110-FA510  | AUTO ELEC SERVICE    | Compressed  | LCLB      | DLTA     | MT   | 7:30A - 11:55A  | M115 | 4            | 8   | 8   | 8/29 - 9/27  |
|  |                      | Compressed  | LN2       | DLTA     | MT   | 1:00P - 4:55P   | M115 | 4            |     |     | 8/29 - 9/27  |
|  |                      | Compressed  | LN2       | DLTA     | W    | 7:30A - 10:25A  | M115 | 4            |     |     | 8/29 - 9/27  |
| CHM 230-FA310  | CHEM ANALY/INSTRUM   | Compressed  | LCLB      | DLTA     | T    | 6:00P - 9:55P   | D133 | 4            | 15  | 11  | 8/30 - 11/17 |
|  |                      | Compressed  | LCLB      | DLTA     | R    | 6:00P - 9:55P   | E131 | 4            |     |     | 8/30 - 11/17 |
| CPI 210-FA110  | CHEM & UNIT OPERTNS  | Compressed  | LCLB      | DLTA     | MTWR | 8:00A - 11:25A  | L131 | 4            | 16  | 15  | 9/15 - 10/27 |
| CPI 210-FA120  | CHEM & UNIT OPERTNS  | Compressed  | LCLB      | DLTA     | MTWR | 8:00A - 11:25A  | L130 | 4            | 16  | 16  | 9/15 - 10/27 |
| CPI 250W-FA110   | ADV CHEM OPERATIONS  | Compressed  | LCLB      | DLTA     | TR   | 12:00P - 3:55P  | L130 | 4            | 16  | 14  | 8/29 - 10/5  |
|  |                      | Compressed  | LN2       | DLTA     | W    | 12:00P - 1:55P  | L131 | 4            |     |     | 8/29 - 10/5  |
|  |                      | Compressed  | LCLB      | DLTA     | M    | 12:00P - 3:55P  | L131 | 4            |     |     | 8/29 - 10/5  |
| CPI 250W-FA120   | ADV CHEM OPERATIONS  | Compressed  | LCLB      | DLTA     | M    | 12:00P - 3:55P  | L130 | 4            | 16  | 11  | 8/29 - 10/5  |
|  |                      | Compressed  | LN2       | DLTA     | W    | 12:00P - 1:55P  | L130 | 4            |     |     | 8/29 - 10/5  |
|  |                      | Compressed  | LN2       | DLTA     | TR   | 12:00P - 3:55P  | L131 | 4            |     |     | 8/29 - 10/5  |
| CPI 260W-FA110   | PROC OPER MNGMNT     | Compressed  | LCLB      | DLTA     | TR   | 12:00P - 3:55P  | L130 | 4            | 16  | 15  | 11/7 - 12/15 |
|  |                      | Compressed  | LN2       | DLTA     | W    | 12:00P - 3:55P  | L131 | 4            |     |     | 11/7 - 12/15 |
|  |                      | Compressed  | LCLB      | DLTA     | M    | 12:00P - 4:25P  | L131 | 4            |     |     | 11/7 - 12/15 |
| On Wednesday, November 30, 2011, class will meet from 12:00 p.m. - 1:55 p.m. |                      |             |           |          |      |                 |      |              |     |     |              |
| CPI 260W-FA120   | PROC OPER MNGMNT     | Compressed  | LCLB      | DLTA     | M    | 12:00P - 3:55P  | L130 | 4            | 16  | 10  | 11/7 - 12/15 |
|  |                      | Compressed  | LN2       | DLTA     | W    | 12:00P - 1:55P  | L130 | 4            |     |     | 11/7 - 12/15 |
|  |                      | Compressed  | LN2       | DLTA     | TR   | 12:00P - 3:55P  | L131 | 4            |     |     | 11/7 - 12/15 |
| HIS 111W-FA130   | SURVY EARLY WEST CIV | Compressed  | LCLB      | DLTA     | MW   | 2:00P - 3:55P   | J133 | 4            | 25  | 26  | 8/29 - 11/21 |
| RC 201-FA110   | ROUGH/OUTSIDE FRAME  | Compressed  | LCLB      | DLTA     | M    | 9:00A - 5:00P   | M150 | 4            | 15  | 12  | 9/12 - 11/28 |
| SKEL 122-FA510   | ADVANCED CONTROLS 2  | Compressed  | LCLB      | DLTA     | R    | 5:30P - 7:25P   | L114 | 4            | 16  | 9   | 9/15 - 12/15 |
|  |                      | Compressed  | LN2       | DLTA     | R    | 7:30P - 10:01P  | L118 | 4            |     |     | 9/15 - 12/15 |
| AGM 114-FA110  | BRAKES, ABS,TCS      | Compressed  | LCLB      | DLTA     | MTW  | 7:30A - 8:55A   | M153 | 5            | 12  | 10  | 9/28 - 11/1  |
|  |                      | Compressed  | LCLB      | DLTA     | MTW  | 9:00A - 10:25A  | M110 | 5            |     |     | 9/28 - 11/1  |
|  |                      | Compressed  | LCLB      | DLTA     | MT   | 10:30A - 11:55A | M153 | 5            |     |     | 9/28 - 11/1  |
|  |                      | Compressed  | LN2       | DLTA     | MT   | 1:00P - 1:55P   | M153 | 5            |     |     | 9/28 - 11/1  |
|  |                      | Compressed  | LN2       | DLTA     | MT   | 2:00P - 3:55P   | M110 | 5            |     |     | 9/28 - 11/1  |
|  |                      | Compressed  | LN2       | DLTA     | MT   | 4:00P - 4:55P   | M153 | 5            |     |     | 9/28 - 11/1  |
| AUT 114-FA210  | BRAKE SYSTEM SERV    | Compressed  | LCLB      | DLTA     | MTWR | 6:00P - 8:25P   | M161 | 5            | 20  | 20  | 11/9 - 12/15 |
|  |                      | Compressed  | LN2       | DLTA     | MTWR | 8:30P - 10:55P  | M115 | 5            |     |     | 11/9 - 12/15 |
| "Click" course link to the left for more class meeting times.                |                      |             |           |          |      |                 |      |              |     |     |              |
| AUT 114-FA510  | BRAKE SYSTEM SERV    | Compressed  | LCLB      | DLTA     | MTW  | 7:30A - 8:55A   | M153 | 5            | 8   | 8   | 9/28 - 11/1  |
|  |                      | Compressed  | LCLB      | DLTA     | MTW  | 9:00A - 10:25A  | M110 | 5            |     |     | 9/28 - 11/1  |
|  |                      | Compressed  | LCLB      | DLTA     | MT   | 10:30A - 11:55A | M153 | 5            |     |     | 9/28 - 11/1  |
|  |                      | Compressed  | LN2       | DLTA     | MT   | 1:00P - 1:55P   | M153 | 5            |     |     | 9/28 - 11/1  |
|  |                      | Compressed  | LN2       | DLTA     | MT   | 2:00P - 3:55P   | M110 | 5            |     |     | 9/28 - 11/1  |
|  |                      | Compressed  | LN2       | DLTA     | MT   | 4:00P - 4:55P   | M153 | 5            |     |     | 9/28 - 11/1  |
|  |                      | Compressed  | LN2       | DLTA     |      | -               | TBA  | 5            |     |     | 9/28 - 11/1  |
| "Click" course link to the left for more class meeting times.                |                      |             |           |          |      |                 |      |              |     |     |              |
| SKEL 121-FA310   | ADVANCED CONTROLS I  | Compressed  | LCLB      | DLTA     | M    | 5:00P - 7:55P   | L114 | 5            | 16  | 10  | 9/19 - 12/14 |
|  |                      | Compressed  | LN2       | DLTA     | W    | 5:00P - 7:55P   | L118 | 5            |     |     | 9/21 - 12/14 |
| AGM 112W-FA110   | ENGINE SERVICES      | Compressed  | LCLB      | DLTA     | MTW  | 7:30A - 8:55A   | M153 | 6            | 12  | 10  | 11/2 - 12/14 |
|  |                      | Compressed  | LCLB      | DLTA     | MTW  | 9:00A - 10:25A  | M110 | 6            |     |     | 11/2 - 12/14 |
|  |                      | Compressed  | LCLB      | DLTA     | MT   | 10:30A - 11:55A | M153 | 6            |     |     | 11/2 - 12/14 |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name   | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates         |
|--|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|---------------|
| AGM 112W-FA110   |                     | Compressed  | LN2       | DLTA     | MT   | 1:00P - 1:55P   | M153 | 6            |     |     | 11/2 - 12/14  |
|  |                     | Compressed  | LN2       | DLTA     | MT   | 2:00P - 3:55P   | M110 | 6            |     |     | 11/2 - 12/14  |
|  |                     | Compressed  | LN2       | DLTA     | MT   | 4:00P - 4:55P   | M153 | 6            |     |     | 11/2 - 12/14  |
| "Click" course link to the left for more class meeting times.  |                     |             |           |          |      |                 |      |              |     |     |               |
| AUT 112W-FA110   | ENGINE SERVICE      | Compressed  | LCLB      | DLTA     | W    | 11:00A - 11:55A | M161 | 6            | 16  | 11  | 8/31 - 10/7   |
|  |                     | Compressed  | LN2       | DLTA     | RF   | 4:00P - 4:55P   | M161 | 6            |     |     | 8/31 - 10/7   |
|  |                     | Compressed  | LN2       | DLTA     | W    | 11:55A - 12:55P | M115 | 6            |     |     | 8/31 - 10/7   |
|  |                     | Compressed  | LN3       | DLTA     | W    | 12:55P - 1:55P  | M161 | 6            |     |     | 8/31 - 10/7   |
|  |                     | Compressed  | LN2       | DLTA     | RF   | 7:30A - 8:55A   | M161 | 6            |     |     | 8/31 - 10/7   |
|  |                     | Compressed  | LN2       | DLTA     | RF   | 9:00A - 10:25A  | M115 | 6            |     |     | 8/31 - 10/7   |
|  |                     | Compressed  | LN2       | DLTA     | RF   | 10:30A - 11:55A | M161 | 6            |     |     | 8/31 - 10/7   |
|  |                     | Compressed  | LN2       | DLTA     | RF   | 1:00P - 1:55P   | M161 | 6            |     |     | 8/31 - 10/7   |
|  |                     | Compressed  | LN2       | DLTA     | RF   | 2:00P - 3:55P   | M115 | 6            |     |     | 8/31 - 10/7   |
| "Click" course link to the left for more class meeting times.  |                     |             |           |          |      |                 |      |              |     |     |               |
| AUT 112W-FA210   | ENGINE SERVICE      | Compressed  | LCLB      | DLTA     | MTWR | 6:00P - 8:25P   | M161 | 6            | 16  | 17  | 9/28 - 11/8   |
|  |                     | Compressed  | LN2       | DLTA     | MTWR | 8:30P - 10:55P  | M115 | 6            |     |     | 9/28 - 11/8   |
| AUT 112W-FA510   | ENGINE SERVICE      | Compressed  | LCLB      | DLTA     | MTW  | 7:30A - 8:55A   | M153 | 6            | 4   | 3   | 11/2 - 12/14  |
|  |                     | Compressed  | LCLB      | DLTA     | MTW  | 9:00A - 10:25A  | M110 | 6            |     |     | 11/2 - 12/14  |
|  |                     | Compressed  | LCLB      | DLTA     | MT   | 10:30A - 11:55A | M153 | 6            |     |     | 11/2 - 12/14  |
|  |                     | Compressed  | LN2       | DLTA     | MT   | 1:00P - 1:55P   | M153 | 6            |     |     | 11/2 - 12/14  |
|  |                     | Compressed  | LN2       | DLTA     | MT   | 2:00P - 3:55P   | M110 | 6            |     |     | 11/2 - 12/14  |
|  |                     | Compressed  | LN2       | DLTA     | MT   | 4:00P - 4:55P   | M153 | 6            |     |     | 11/2 - 12/14  |
| "Click" course link to the left for more class meeting times.  |                     |             |           |          |      |                 |      |              |     |     |               |
| AUT 216-FA110  | DRIVELINE SERVICE   | Compressed  | LCLB      | DLTA     | W    | 11:00A - 11:55A | M153 | 6            | 20  | 15  | 11/2 - 12/16  |
|  |                     | Compressed  | LCLB      | DLTA     | W    | 11:55A - 12:55P | M110 | 6            |     |     | 11/2 - 12/16  |
|  |                     | Compressed  | LCLB      | DLTA     | W    | 12:55P - 1:55P  | M153 | 6            |     |     | 11/2 - 12/16  |
|  |                     | Compressed  | LCLB      | DLTA     | RF   | 7:30A - 8:55A   | M153 | 6            |     |     | 11/2 - 12/16  |
|  |                     | Compressed  | LN2       | DLTA     | RF   | 9:00A - 10:25A  | M110 | 6            |     |     | 11/2 - 12/16  |
|  |                     | Compressed  | LN2       | DLTA     | RF   | 10:30A - 11:55A | M153 | 6            |     |     | 11/2 - 12/16  |
|  |                     | Compressed  | LN2       | DLTA     | RF   | 1:00P - 1:55P   | M153 | 6            |     |     | 11/2 - 12/16  |
|  |                     | Compressed  | LN2       | DLTA     | RF   | 2:00P - 3:55P   | M110 | 6            |     |     | 11/2 - 12/16  |
| "Click" course link to the left for more class meeting times.  |                     |             |           |          |      |                 |      |              |     |     |               |
| AUT 216-FA210  | DRIVELINE SERVICE   | Compressed  | LCLB      | DLTA     | MTWR | 8:00P - 10:55P  | M153 | 6            | 20  | 17  | 8/29 - 10/11  |
|  |                     | Compressed  | LN2       | DLTA     | MTWR | 6:00P - 7:55P   | M110 | 6            |     |     | 8/29 - 10/11  |
| Meeting Information: Monday, Tuesday, Wednesday, Thursday 06:00PM - 11:00 PM, M-Wing, Room 110M  |                     |             |           |          |      |                 |      |              |     |     |               |
| <u>Note: This is a post-associate degree program for LPNs, RNs, PTs, PTAs, OTs, and COTAs. Instructor permission required. Class dates can be obtained from instructor. Online testing will be utilized. Please note: 10 students must register before start of class or class will be canceled.</u> |                     |             |           |          |      |                 |      |              |     |     |               |
| MTP 301-FA110  | MANUAL TECHNIQUES I | Compressed  | LCLB      | DLTA     | FS   | 9:00A - 4:55P   | P126 | 6            | 14  | 11  | 9/16 - 12/17  |
| 10 students must register by September 9, 2011 or the class will be canceled.  |                     |             |           |          |      |                 |      |              |     |     |               |
| AUT 218W-FA110   | AUTO ELEC TRANS     | Compressed  | LCLB      | DLTA     | W    | 11:00A - 11:55A | M153 | 8            | 20  | 14  | 8/31 - 10/28  |
|  |                     | Compressed  | LN2       | DLTA     | RF   | 4:00P - 4:55P   | M153 | 8            |     |     | 8/31 - 10/28  |
|  |                     | Compressed  | LCLB      | DLTA     | W    | 11:55A - 12:55P | M110 | 8            |     |     | 8/31 - 10/28  |
|  |                     | Compressed  | LCLB      | DLTA     | W    | 12:55P - 1:55P  | M153 | 8            |     |     | 8/31 - 10/28  |
|  |                     | Compressed  | LN2       | DLTA     | RF   | 7:30A - 8:55A   | M153 | 8            |     |     | 8/31 - 10/28  |
|  |                     | Compressed  | LN2       | DLTA     | RF   | 9:00A - 10:25A  | M110 | 8            |     |     | 8/31 - 10/28  |
|  |                     | Compressed  | LN2       | DLTA     | RF   | 10:30A - 11:55A | M153 | 8            |     |     | 8/31 - 10/28  |
|  |                     | Compressed  | LN2       | DLTA     | RF   | 1:00P - 1:55P   | M153 | 8            |     |     | 8/31 - 10/28  |
|  |                     | Compressed  | LN2       | DLTA     | RF   | 2:00P - 3:55P   | M110 | 8            |     |     | 8/31 - 10/28  |
| AUT 218W-FA310   | AUTO ELEC TRANS     | Compressed  | LCLB      | DLTA     | MTWR | 8:00P - 10:55P  | M153 | 8            | 20  | 19  | 10/12 - 12/15 |
|  |                     | Compressed  | LN2       | DLTA     | MTWR | 6:00P - 7:55P   | M110 | 8            |     |     | 10/12 - 12/15 |
| Meeting Information: Monday, Tuesday, Wednesday, Thursday 06:00PM - 11:00 PM, M-Wing, Room 110M  |                     |             |           |          |      |                 |      |              |     |     |               |
| WELD 114W-FA110  | INT SMA WELD        | Compressed  | LCLB      | DLTA     | W    | 10:00A - 1:55P  | L140 | 8            | 12  | 12  | 10/24 - 12/13 |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name  | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates         |
|---|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|---------------|
| WELD 114W-FA110   |                     | Compressed  | LN2       | DLTA     | MT   | 10:00A - 4:30P  | L140 | 8            |     |     | 10/24 - 12/13 |
|   |                     | Compressed  |           | DLTA     |      | -               |      | 8            |     |     | -             |
|   |                     | Compressed  |           | DLTA     |      | -               |      | 8            |     |     | -             |
| This section will not meet on November 15 and November 16, 2011.  |                     |             |           |          |      |                 |      |              |     |     |               |
| WELD 114W-FA120   | INT SMA WELD        | Compressed  | LCLB      | DLTA     | W    | 10:00A - 1:55P  | L140 | 8            | 12  | 12  | 8/29 - 10/18  |
|   |                     | Compressed  | LN2       | DLTA     | MT   | 10:00A - 4:30P  | L140 | 8            |     |     | 8/29 - 10/18  |
| WELD 235W-FA120   | GAS MTL ARC WELDING | Compressed  | LCLB      | DLTA     | W    | 10:00A - 1:55P  | L125 | 8            | 12  | 13  | 8/29 - 10/18  |
|   |                     | Compressed  | LN2       | DLTA     | MT   | 10:00A - 4:30P  | L141 | 8            |     |     | 8/29 - 10/18  |
| WELD 235W-FA130   | GAS MTL ARC WELDING | Compressed  | LN2       | DLTA     | MT   | 10:00A - 4:30P  | L141 | 8            | 12  | 12  | 10/24 - 12/13 |
|   |                     | Compressed  | LCLB      | DLTA     | W    | 10:00A - 1:55P  | L140 | 8            |     |     | 10/24 - 12/13 |
| This section will not meet on November 15 and November 16, 2011.  |                     |             |           |          |      |                 |      |              |     |     |               |
| LWA 206C-FA120  | OCCUPATION WELLNE   | Regular     | LCLB      | DLTA     | R    | 8:00A - 8:55A   | P209 | 0.5          | 18  | 18  | 9/1 - 12/15   |
| Note: Reserved for second year Physical Therapy Assistant students ONLY   |                     |             |           |          |      |                 |      |              |     |     |               |
| <u>Note: Although not required, concurrent enrollment in AST 111 and 111L is recommended. One night of observing with telescopes is required.</u> |                     |             |           |          |      |                 |      |              |     |     |               |
| AST 111L-FA110  | ASTRONOMICAL INVEST | Regular     | LCLB      | DCPL     | M    | 12:00P - 1:55P  | 221  | 1            | 20  | 17  | 8/29 - 12/12  |
| AST 111L-FA120  | ASTRONOMICAL INVEST | Regular     | LCLB      | DLTA     | T    | 2:00P - 3:55P   | N200 | 1            | 20  | 18  | 8/30 - 12/13  |
| AST 111L-FA130  | ASTRONOMICAL INVEST | Regular     | LCLB      | DLTA     | W    | 10:00A - 11:55A | N200 | 1            | 20  | 15  | 8/31 - 12/14  |
| AST 111L-FA140  | ASTRONOMICAL INVEST | Regular     | LCLB      | DLTA     | R    | 2:00P - 3:55P   | N200 | 1            | 20  | 19  | 9/1 - 12/15   |
| CHM 210LW-FA110   | ORGANIC CHEM I LAB  | Regular     | LCLB      | DLTA     | W    | 10:00A - 1:55P  | C131 | 1            | 18  | 18  | 8/31 - 12/14  |
| CHM 210LW-FA210   | ORGANIC CHEM I LAB  | Regular     | LCLB      | DLTA     | W    | 5:30P - 9:25P   | C131 | 1            | 18  | 17  | 8/31 - 12/14  |
| <u>Note: Assignments outside of class time required. Purchase own supplies for presentations to children.</u>                                     |                     |             |           |          |      |                 |      |              |     |     |               |
| DA 117W-FA110   | DENT HEALTH NUTRIT  | Regular     | LCLB      | DLTA     | R    | 11:00A - 11:55A | F111 | 1            | 20  | 21  | 9/1 - 12/15   |
| DH 111-FA110  | ORAL EXAMS          | Regular     | LN2       | DLTA     | M    | 8:00A - 11:55A  | F120 | 1            | 18  | 18  | 8/29 - 12/12  |
|   |                     | Regular     | LN2       | DLTA     | M    | 2:30P - 4:25P   | F135 | 1            |     |     | 8/29 - 12/12  |
| LW 206A-FA110   | OCCUPATION WELLNESS | Regular     | LCLB      | DLTA     | M    | 8:00A - 8:55A   | P205 | 1            | 13  | 20  | 8/29 - 12/12  |
| Note: Reserved for first year, Physical Therapist Assistant students ONLY.  |                     |             |           |          |      |                 |      |              |     |     |               |
| <u>Note: Text book and Course packet REQUIRED on first class meeting.</u>   |                     |             |           |          |      |                 |      |              |     |     |               |
| LW 220W-FA124   | LIFELONG WELLNESS   | Regular     | LCLB      | DLTA     | W    | 9:00A - 9:55A   | N202 | 1            | 20  | 19  | 8/31 - 12/14  |
| <u>Note: Course packet REQUIRED on first class meeting.</u>   |                     |             |           |          |      |                 |      |              |     |     |               |
| LWA 108-FA110   | WEIGHT TRAINING     | Regular     | LCLB      | DLTA     | T    | 8:00A - 9:00A   | P205 | 1            | 24  | 23  | 8/30 - 12/13  |
|   |                     | Regular     | LN2       | DLTA     | T    | 9:00A - 9:55A   | P121 | 1            |     |     | 8/30 - 12/13  |
| <u>Note: Course packet REQUIRED on first class meeting.</u>   |                     |             |           |          |      |                 |      |              |     |     |               |
| LWA 111-FA120   | CIRCUIT TRAINING    | Regular     | LCLB      | DLTA     | R    | 11:00A - 12:55P | F015 | 1            | 24  | 21  | 9/1 - 12/15   |
| LWA 111-FA130   | CIRCUIT TRAINING    | Regular     | LCLB      | DLTA     | TR   | 3:00P - 3:55P   | F004 | 1            | 24  | 21  | 8/30 - 12/15  |
| <u>Note: GI optional, covered on first class meeting.</u>   |                     |             |           |          |      |                 |      |              |     |     |               |
| LWA 113-FA110   | TAE KWON DO I       | Regular     | LCLB      | DLTA     | F    | 10:00A - 11:55A | P211 | 1            | 16  | 13  | 9/2 - 12/16   |
| LWA 113-FA120   | TAE KWON DO I       | Regular     | LCLB      | DLTA     | F    | 12:00P - 1:55P  | P211 | 1            | 16  | 16  | 9/2 - 12/16   |
| LWA 113-FA130   | TAE KWON DO I       | Regular     | LCLB      | DLTA     | F    | 2:00P - 3:55P   | P211 | 1            | 16  | 13  | 9/2 - 12/16   |
| <u>Note: GI optional, covered on first class meeting.</u>   |                     |             |           |          |      |                 |      |              |     |     |               |
| LWA 114-FA110   | TAE KWON DO II      | Regular     | LCLB      | DLTA     | F    | 10:00A - 11:55A | P211 | 1            | 5   | 3   | 9/2 - 12/16   |
| LWA 114-FA120   | TAE KWON DO II      | Regular     | LCLB      | DLTA     | F    | 12:00P - 1:55P  | P211 | 1            | 5   | 5   | 9/2 - 12/16   |
| LWA 115-FA110   | AIKIDO              | Regular     | LCLB      | DLTA     | R    | 12:00P - 1:55P  | P211 | 1            | 20  | 21  | 9/1 - 12/15   |
| <u>Note: Student MUST wear a GI, can purchase from instructor. New \$30-\$35; Used (limited number available) \$15-\$20.</u>                      |                     |             |           |          |      |                 |      |              |     |     |               |
| LWA 118-FA310   | SPORTS JUDO         | Regular     | LCLB      | DLTA     | M    | 7:00P - 8:55P   | N220 | 1            | 15  | 17  | 8/29 - 12/12  |
| LWA 119-FA130   | JUJITSU             | Regular     | LCLB      | DLTA     | F    | 8:00A - 9:55A   | P223 | 1            | 16  | 17  | 9/2 - 12/16   |
| LWA 122-FA110   | FENCING I           | Regular     | LCLB      | DLTA     | R    | 11:00A - 12:55P | N110 | 1            | 17  | 16  | 9/1 - 12/15   |
| <u>Note: Course packet REQUIRED on first class meeting.</u>   |                     |             |           |          |      |                 |      |              |     |     |               |
| LWA 124-FA120   | BASKETBALL          | Regular     | LCLB      | DLTA     | W    | 12:00P - 1:55P  | N110 | 1            | 20  | 20  | 8/31 - 12/14  |
|   |                     | Regular     | LN2       | DLTA     | W    | 12:00P - 1:55P  | P205 | 1            |     |     | 8/31 - 12/14  |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name   | Title                | Term Length | Inst Meth | Location | Days  | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|--|----------------------|-------------|-----------|----------|-------|-----------------|------|--------------|-----|-----|--------------|
| <u>Note: Course packet REQUIRED on first class meeting. All equipment provided.</u>  |                      |             |           |          |       |                 |      |              |     |     |              |
| LWA 151-FA130  | KICK BOXING          | Regular     | LCLB      | DLTA     | R     | 2:00P - 3:55P   | P209 | 1            | 20  | 19  | 9/1 - 12/15  |
| <u>Note: Course packet REQUIRED on first class meeting.</u>  |                      |             |           |          |       |                 |      |              |     |     |              |
| LWA 156W-FA120   | STABILITY BALL TRNG  | Regular     | LCLB      | DLTA     | M     | 2:00P - 3:55P   | P209 | 1            | 18  | 19  | 8/29 - 12/12 |
| <u>Note: Course packet REQUIRED on first class meeting. All equipment provided.</u>  |                      |             |           |          |       |                 |      |              |     |     |              |
| LWA 157-FA140  | STEP AEROBICS        | Regular     | LCLB      | DLTA     | R     | 2:00P - 3:55P   | P211 | 1            | 25  | 24  | 9/1 - 12/15  |
| LWA 157-FA150  | STEP AEROBICS        | Regular     | LCLB      | DLTA     | R     | 12:00P - 1:55P  | P209 | 1            | 25  | 23  | 9/1 - 12/15  |
| Lifelong Wellness Course Book REQUIRED on first day of class.  |                      |             |           |          |       |                 |      |              |     |     |              |
| <u>Note: Course packet REQUIRED on first class meeting.</u>  |                      |             |           |          |       |                 |      |              |     |     |              |
| LWA 158-FA110  | PILATES              | Regular     | LCLB      | DLTA     | W     | 2:00P - 3:55P   | P209 | 1            | 18  | 16  | 8/31 - 12/14 |
| LWA 158-FA120  | PILATES              | Regular     | LCLB      | DLTA     | R     | 9:00A - 10:55A  | P211 | 1            | 18  | 18  | 9/1 - 12/15  |
| LWA 158-FA130  | PILATES              | Regular     | LCLB      | DLTA     | T     | 12:00P - 1:55P  | P209 | 1            | 18  | 19  | 8/30 - 12/13 |
| <u>Dress Requirements (ladies) Plain leotard preferably black or dark color, black or tan tights and jazz shoes, either the gore style shoe or tie, black or tan. (Men) Plain white t-shirt, bike shorts or snug fitting gym short, black or tan jazz shoes, either gore style or tie.</u>                                     |                      |             |           |          |       |                 |      |              |     |     |              |
| LWA 165-FA110  | DANCE I              | Regular     | LCLB      | DLTA     | W     | 10:00A - 11:55A | P211 | 1            | 24  | 20  | 8/31 - 12/14 |
| <u>Dress Requirements (ladies) black leotard, pink tights( with or without seams) pink or white ballet slippers. Ballet skirt is optional but not mandatory. (Men) white t-shirt, bike shorts or snug fitting gym short, black ballet shoes.</u>   |                      |             |           |          |       |                 |      |              |     |     |              |
| LWA 167-FA110  | BALLET I             | Regular     | LCLB      | DLTA     | W     | 8:00A - 9:55A   | P211 | 1            | 16  | 11  | 8/31 - 12/14 |
| LWA 172-FA110  | SWIMMING I           | Regular     | LCLB      | DLTA     | T     | 2:00P - 3:55P   | P150 | 1            | 12  | 10  | 8/30 - 12/13 |
| LWA 173-FA110  | SWIMMING II          | Regular     | LCLB      | DLTA     | T     | 2:00P - 3:55P   | P150 | 1            | 4   | 4   | 8/30 - 12/13 |
| LWA 174-FA110  | SWIMMING III COND    | Regular     | LCLB      | DLTA     | T     | 2:00P - 3:55P   | P150 | 1            | 4   | 4   | 8/30 - 12/13 |
| LWA 183-FA110  | WATER AEROBICS I     | Regular     | LCLB      | DLTA     | R     | 2:00P - 3:55P   | P150 | 1            | 24  | 24  | 9/1 - 12/15  |
| LWA 210-FA120  | TAE KWON DO III      | Regular     | LCLB      | DLTA     | F     | 2:00P - 3:55P   | P211 | 1            | 5   | 7   | 9/2 - 12/16  |
| NUR 100A-FA665   | INTRO NURSG CAREERS  | Regular     | LCLB      | DLTA     | R     | 3:00P - 4:55P   | F240 | 1            | 18  | 16  | 9/1 - 12/15  |
| Note: <b><font color=red>Learning Community Course.</font></b> Student must also enroll in ENG111 FA665, HSC 105 FA665 and SSI 290W FA665. Click <a href="http://www.delta.edu/pages/972.aspx">LearningCommunities</a> for more information.   |                      |             |           |          |       |                 |      |              |     |     |              |
| <u>Note: Requires acceptance to Delta College Police Academy. Contact Criminal Justice Training Center. 686-9110.</u>  |                      |             |           |          |       |                 |      |              |     |     |              |
| OAT 153-FA110  | POLICE REPORT WRIT   | Regular     | LCLB      | DLTA     | MTWRF | 7:00A - 5:00P   | C111 | 1            | 50  | 23  | 8/22 - 12/16 |
| OAT 153-FA120  | POLICE REPORT WRIT   | Regular     | LCLB      | DLTA     | MTWRF | 7:00A - 5:00P   | C111 | 1            | 44  | 0   | 8/22 - 12/16 |
| PTA 101LW-FA110  | CLINICAL ANAT LAB    | Regular     | LCLB      | DLTA     | T     | 11:00A - 12:30P | P124 | 1            | 10  | 10  | 8/30 - 12/15 |
|  |                      | Regular     | LCLB      | DLTA     | R     | 12:30P - 1:55P  | P124 | 1            |     |     | 8/30 - 12/15 |
| PTA 101LW-FA120  | CLINICAL ANAT LAB    | Regular     | LCLB      | DLTA     | T     | 1:00P - 2:25P   | P124 | 1            | 10  | 10  | 8/30 - 12/15 |
|  |                      | Regular     | LN2       | DLTA     | R     | 11:00A - 12:25P | P124 | 1            |     |     | 8/30 - 12/15 |
| PTA 110L-FA110   | FUND OF PT MBLTY LAB | Regular     | LCLB      | DLTA     | M     | 11:00A - 12:25P | P126 | 1            | 10  | 10  | 8/29 - 12/14 |
|  |                      | Regular     | LCLB      | DLTA     | W     | 11:30A - 12:55P | P126 | 1            |     |     | 8/29 - 12/14 |
| PTA 110L-FA120   | FUND OF PT MBLTY LAB | Regular     | LCLB      | DLTA     | M     | 12:30P - 1:55P  | P126 | 1            | 10  | 10  | 8/29 - 12/14 |
|  |                      | Regular     | LCLB      | DLTA     | W     | 9:00A - 10:25A  | P126 | 1            |     |     | 8/29 - 12/14 |
| PTA 216W-FA110   | INTRO EVID BASE PRAC | Regular     | LCLB      | DLTA     | M     | 10:00A - 11:55A | F243 | 1            | 21  | 18  | 9/12 - 12/19 |
| <u>Note: A schedule for the semester will be provided at orientation.</u>  |                      |             |           |          |       |                 |      |              |     |     |              |
| RT 214-FA901   | SEMINAR I            | Regular     | LCLB      | DLTA     |       | -               | F245 | 1            | 15  | 13  | 9/2 - 12/16  |
| Note: Meets RF Noon-2:55PM various weeks. A Master Schedule for the semester will be provided.   |                      |             |           |          |       |                 |      |              |     |     |              |
| <u>Note: A schedule for the semester will be provided at orientation.</u>  |                      |             |           |          |       |                 |      |              |     |     |              |
| RT 229-FA901   | CLIN ED 3 SEMINAR    | Regular     | LCLB      | DLTA     |       | -               | F245 | 1            | 15  | 13  | 9/1 - 12/16  |
| Note: Meets RF Noon-1:55PM various weeks. A Master Schedule for the semester will be provided.   |                      |             |           |          |       |                 |      |              |     |     |              |
| SSI 290W-FA635   | LEARN COMM SEMINAR   | Regular     | LCLB      | DLTA     | M     | 9:00A - 9:55A   | A125 | 1            | 15  | 12  | 8/29 - 12/14 |
| Note: <b><font color=red>Learning Community Course.</font></b> Students who register for this section must also register for: ENG 090-FA635, MTH 092 FA635, SCI 099 FA635, CST 091FA635, CAT 093 FA635 and CST 094 FA635. Click <a href="http://www.delta.edu/pages/972.aspx">Learning Communities</a> for more information.   |                      |             |           |          |       |                 |      |              |     |     |              |
| SSI 290W-FA645   | LEARN COMM SEMINAR   | Regular     | LCLB      | DLTA     | TR    | 4:00P - 4:25P   | S040 | 1            | 15  | 14  | 8/30 - 12/15 |
| Note: <b><font color=red>Learning Community Course.</font></b> Students who register for this section must also register for: ENG 090-FA645, MTH 092-FA645, COM 112W-FA645, CST 091-FA645, CST 093-FA645 and CST 094-FA645. Click <a href="http://www.delta.edu/pages/972.aspx">Learning Communities</a> for more information. |                      |             |           |          |       |                 |      |              |     |     |              |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name  | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates         |
|---|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|---------------|
| SSI 290W-FA652  | LEARN COMM SEMINAR  | Regular     | LCLB      | DLTA     | T    | 12:30P - 1:25P  | S224 | 1            | 18  | 16  | 8/30 - 12/13  |
| Note: <b><font color=red>Learning Community Course.</font></b>Students who register for this section must also register for: ENG 097W-FA652, ENG 098-FA652, and PSY 211W-FA652. Click <a href="http://www.delta.edu/pages/972.aspx">LearningCommunities</a> for more information. |                     |             |           |          |      |                 |      |              |     |     |               |
| SSI 290W-FA653  | LEARN COMM SEMINAR  | Regular     | LCLB      | DLTA     | T    | 2:30P - 3:25P   | S125 | 1            | 36  | 36  | 8/30 - 12/13  |
| Note: <b><font color=red>Learning Community Course.</font></b> Students who register for this section must also register for: ENG 098-FA653 and COM 114W-FA653. Click <a href="http://www.delta.edu/pages/972.aspx">LearningCommunities</a> for more information.                 |                     |             |           |          |      |                 |      |              |     |     |               |
| SSI 290W-FA665  | LEARN COMM SEMINAR  | Regular     | LCLB      | DLTA     | TR   | 2:30P - 2:55P   | A121 | 1            | 18  | 16  | 8/30 - 12/15  |
| Note: <b><font color=red>Learning Community Course.</font></b> Students who register for this section must also register for: ENG 111-FA665, HSC 105-FA665, and NUR 100A-FA665. Click <a href="http://www.delta.edu/pages/972.aspx">LearningCommunities</a> for more information. |                     |             |           |          |      |                 |      |              |     |     |               |
| SSI 290W-FA675  | LEARN COMM SEMINAR  | Regular     | LCLB      | RICK     | M    | 12:30P - 1:25P  | 113  | 1            | 18  | 19  | 8/29 - 12/12  |
| Note: <b><font color=red>Learning Community Course.</font></b>students who register for this section must also register for ENG 097W FA675 and COM 114W-FA675. Click <a href="http://www.delta.edu/pages/972.aspx">LearningCommunities</a> for more information.                  |                     |             |           |          |      |                 |      |              |     |     |               |
| WTT 230-FA210   | TURBINE SCHEMATCS   | Regular     | LCLB      | DLTA     | W    | 5:00P - 5:55P   | M105 | 1            | 18  | 22  | 8/31 - 12/14  |
| LWA 152-FA110   | ASTANGA YOGA        | Regular     | LCLB      | DLTA     | MW   | 12:30P - 1:55P  | P211 | 1.5          | 20  | 22  | 8/29 - 12/14  |
| ABS 101W-FA110  | COLLEGE SUCCESS     | Regular     | LCLB      | DLTA     | R    | 12:00P - 1:55P  | S058 | 2            | 21  | 21  | 9/1 - 12/15   |
| ABS 101W-FA120  | COLLEGE SUCCESS     | Regular     | LCLB      | DLTA     | M    | 12:00P - 1:55P  | S220 | 2            | 21  | 19  | 8/29 - 12/12  |
| ABS 101W-FA130  | COLLEGE SUCCESS     | Regular     | LCLB      | DLTA     | T    | 9:00A - 11:05A  | S220 | 2            | 21  | 20  | 8/30 - 12/13  |
| ABS 101W-FA160  | COLLEGE SUCCESS     | Regular     | LCLB      | DLTA     | W    | 12:00P - 1:55P  | S220 | 2            | 21  | 20  | 8/31 - 12/14  |
| ABS 101W-FA170  | COLLEGE SUCCESS     | Regular     | LCLB      | DLTA     | R    | 9:00A - 10:55A  | S220 | 2            | 21  | 20  | 9/1 - 12/15   |
| ABS 101W-FA200  | COLLEGE SUCCESS     | Regular     | LCLB      | DLTA     | M    | 9:00A - 10:55A  | S225 | 2            | 21  | 19  | 8/29 - 12/12  |
| ABS 101W-FA210  | COLLEGE SUCCESS     | Regular     | LCLB      | DLTA     | TR   | 12:00P - 12:55P | S220 | 2            | 21  | 21  | 8/30 - 12/15  |
| ABS 101W-FA310  | COLLEGE SUCCESS     | Regular     | LCLB      | DLTA     | M    | 6:00P - 7:55P   | S220 | 2            | 21  | 20  | 8/29 - 12/12  |
| ABS 101W-FA320  | COLLEGE SUCCESS     | Regular     | LCLB      | RICK     | W    | 7:00P - 8:55P   | 148  | 2            | 20  | 20  | 8/31 - 12/14  |
| ABS 101W-FA615  | COLLEGE SUCCESS     | Regular     | LCLB      | DLTA     | MW   | 9:00A - 9:55A   | S253 | 2            | 15  | 16  | 8/29 - 12/14  |
| Learning Community Course: Student must also register for ENG093W FA615 and MTH 092 FA615. Click Learning Communities for more information  |                     |             |           |          |      |                 |      |              |     |     |               |
| ABS 101W-FA625  | COLLEGE SUCCESS     | Regular     | LCLB      | RICK     | M    | 9:00A - 10:55A  | 148  | 2            | 15  | 15  | 8/29 - 12/12  |
| <b><font color=red>Learning Community course.</font></b> Student must also register for ENG090 FA625, MTH 092 FA625, CST 091 FA625, CST 093 FA625 and CST094 FA625. Click Learning Communities for more information.  |                     |             |           |          |      |                 |      |              |     |     |               |
| ABS 101W-FA665  | COLLEGE SUCCESS     | Regular     | LCLB      | DLTA     | TR   | 2:00P - 2:55P   | S261 | 2            | 15  | 16  | 8/30 - 12/15  |
| Note: <b><font color=red>Learning Community course.</font></b> Student must also register for ENG090-FA665 and ENG 093W-FA665. Click Learning Communities for more information.   |                     |             |           |          |      |                 |      |              |     |     |               |
| ARC 114-FA110   | ARC AUTOCAD 2D BAS  | Regular     | LCLB      | DLTA     | T    | 2:00P - 3:55P   | M100 | 2            | 18  | 10  | 9/6 - 12/13   |
| ARC 211-FA310   | STRUCTURAL DESIGN   | Regular     | LCLB      | DLTA     | R    | 4:00P - 5:55P   | M104 | 2            | 24  | 18  | 9/1 - 12/15   |
| BIO 160BW-FA110   | A&P CASE STUDIES    | Regular     | LCLB      | DLTA     | F    | 9:00A - 10:55A  | C117 | 2            | 20  | 21  | 9/2 - 12/16   |
| CAD 114-FA110   | INTRODUCTION TO CAD | Regular     | LCLB      | DLTA     | M    | 10:00A - 11:25A | M100 | 2            | 18  | 12  | 8/29 - 12/14  |
|   |                     | Regular     | LN2       | DLTA     | W    | 10:00A - 11:25A | M103 | 2            |     |     | 8/29 - 12/14  |
| CAD 114-FA120   | INTRODUCTION TO CAD | Regular     | LCLB      | DLTA     | T    | 11:30A - 12:55P | M100 | 2            | 18  | 19  | 8/30 - 12/15  |
|   |                     | Regular     | LN2       | DLTA     | R    | 11:30A - 12:55P | M103 | 2            |     |     | 8/30 - 12/15  |
| CAD 114-FA510   | INTRODUCTION TO CAD | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P   | M103 | 2            | 14  | 13  | 8/31 - 12/14  |
| CPI 110-FA210   | INTRO PROCESS INDUS | Regular     | LCLB      | DLTA     | M    | 5:00P - 6:55P   | E116 | 2            | 30  | 29  | 8/29 - 12/12  |
| CPI 120-FA310   | INTRO PROCESS OPER  | Regular     | LCLB      | DLTA     | M    | 6:00P - 7:55P   | M163 | 2            | 25  | 16  | 8/29 - 12/12  |
| CST 126-FA110   | UNIX/LINUX OS       | Regular     | LCLB      | DLTA     | W    | 12:00P - 1:55P  | K107 | 2            | 18  | 18  | 8/31 - 12/14  |
| CST 126-FA210   | UNIX/LINUX OS       | Regular     | LCLB      | DLTA     | M    | 4:00P - 5:55P   | K107 | 2            | 18  | 17  | 8/29 - 12/12  |
| CST 126-FA310   | UNIX/LINUX OS       | Regular     | LCLB      | DLTA     | R    | 7:00P - 8:55P   | K107 | 2            | 18  | 17  | 9/1 - 12/15   |
| CST 129-FA110   | MAC OS TRBLESHT     | Regular     | LCLB      | DLTA     | R    | 9:00A - 10:55A  | K114 | 2            | 16  | 17  | 9/1 - 10/13   |
|   |                     | Regular     | LN2       | DLTA     | R    | 9:00A - 10:55A  | A123 | 2            |     |     | 10/20 - 12/15 |
| <u>Note: Required software is Office 2010.</u>  |                     |             |           |          |      |                 |      |              |     |     |               |
| CST 147-FA210   | POWERPOINT          | Regular     | LCLB      | DLTA     | R    | 5:00P - 6:55P   | K107 | 2            | 18  | 18  | 9/1 - 12/15   |
| <u>Note: Required software is Office 2010.</u>  |                     |             |           |          |      |                 |      |              |     |     |               |
| CST 151-FA110   | SPREADSHEET FUNDMNT | Regular     | LCLB      | DLTA     | W    | 10:00A - 11:55A | K104 | 2            | 18  | 16  | 8/31 - 12/14  |
| CST 151-FA120   | SPREADSHEET FUNDMNT | Regular     | LCLB      | DLTA     | T    | 9:00A - 10:55A  | K104 | 2            | 18  | 20  | 8/30 - 12/13  |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name   | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates         |
|--|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|---------------|
| CST 159-FA210  | INTRO ORACLE DB MGT | Regular     | LCLB      | DLTA     | M    | 4:00P - 5:55P   | K111 | 2            | 18  | 21  | 8/29 - 12/12  |
| CST 162-FA310  | INTRO NOVELL ADMIN  | Regular     | LCLB      | DLTA     | W    | 6:00P - 7:55P   | K105 | 2            | 18  | 17  | 8/31 - 12/14  |
| CST 171-FA110  | VISUAL BASIC PROG I | Regular     | LCLB      | DLTA     | W    | 8:00A - 9:55A   | K114 | 2            | 18  | 15  | 8/31 - 12/14  |
| CST 171-FA130  | VISUAL BASIC PROG I | Regular     | LCLB      | DLTA     | T    | 4:00P - 5:55P   | K107 | 2            | 18  | 21  | 8/30 - 12/13  |
| CST 186-FA110  | INTRO GAME PROG     | Regular     | LCLB      | DLTA     | M    | 2:00P - 3:55P   | K107 | 2            | 18  | 18  | 8/29 - 12/12  |
| CST 210-FA310  | ADVANCED WEB PAGE   | Regular     | LCLB      | DLTA     | T    | 6:00P - 7:55P   | A123 | 2            | 18  | 10  | 8/30 - 12/13  |
| CST 268W-FA110   | PC SUPPORT TOPICS   | Regular     | LN2       | DLTA     | F    | 9:00A - 10:55A  | K110 | 2            | 16  | 11  | 9/2 - 12/16   |
| Note: Students will meet on Friday, September 11 from 9:00 until 11:00 a.m. in room K110. Additional meetings will be arranged.  |                     |             |           |          |      |                 |      |              |     |     |               |
| CST 273-FA110  | MS VISUAL BASIC APP | Regular     | LCLB      | DLTA     | M    | 10:00A - 11:55A | K114 | 2            | 18  | 9   | 8/29 - 12/12  |
| DH 101-FA110   | DENTAL ANATOMY I    | Regular     | LCLB      | DLTA     | W    | 10:00A - 11:55A | F111 | 2            | 18  | 17  | 8/31 - 12/14  |
| Note: Registration into DH courses requires successful clinical entry.   |                     |             |           |          |      |                 |      |              |     |     |               |
| DH 110-FA110   | DENT INFECT CONTROL | Regular     | LCLB      | DLTA     | M    | 12:00P - 1:55P  | F135 | 2            | 18  | 18  | 8/29 - 12/15  |
|  |                     | Regular     | LN2       | DLTA     | T    | 8:30A - 9:25A   | F120 | 2            |     |     | 8/29 - 12/15  |
|  |                     | Regular     | LN3       | DLTA     | R    | 8:30A - 9:25A   | F120 | 2            |     |     | 8/29 - 12/15  |
| Monday Class does not meet every week. See CourseSyllabus for Schedule.  |                     |             |           |          |      |                 |      |              |     |     |               |
| DH 112-FA110   | MEDICAL ASSMT/EMER  | Regular     | LCLB      | DLTA     | M    | 8:00A - 10:55A  | F120 | 2            | 18  | 18  | 8/29 - 12/12  |
|  |                     | Regular     | LCLB      | DLTA     | M    | 1:00P - 2:55P   | F015 | 2            |     |     | 8/29 - 12/12  |
| DH 114-FA110   | ORAL HEALTH         | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | F111 | 2            | 18  | 18  | 8/30 - 12/15  |
| Note: Does not meet every Thursday.  |                     |             |           |          |      |                 |      |              |     |     |               |
| DH 210W-FA110  | PERIODONTICS II     | Regular     | LCLB      | DLTA     | W    | 8:30A - 11:25A  | F120 | 2            | 18  | 15  | 8/31 - 12/15  |
|  |                     | Regular     | LCLB      | DLTA     | R    | 9:00A - 11:55A  | F013 | 2            |     |     | 8/31 - 12/15  |
|  |                     | Regular     |           | DLTA     |      | -               |      | 2            |     |     | -             |
|  |                     | Regular     |           | DLTA     |      | -               |      | 2            |     |     | -             |
| DMS 105W-FA110   | US PHYSICS/INSTR I  | Regular     | LCLB      | DLTA     | M    | 2:00P - 3:55P   | E126 | 2            | 14  | 13  | 11/10 - 12/12 |
|  |                     | Regular     | LCLB      | DLTA     | R    | 2:00P - 3:55P   | E116 | 2            |     |     | 11/10 - 12/15 |
|  |                     | Regular     | LN2       | DLTA     | T    | 9:00A - 10:55A  | E118 | 2            |     |     | 1/3 - 2/14    |
| EMB 141W-FA310   | AUDIO PRODUCTION    | Regular     | LCLB      | DLTA     | F    | 12:00P - 2:50P  | A122 | 2            | 12  | 10  | 9/2 - 12/16   |
| EMB 152-FA110  | STUDIO PRODUCTIONS  | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | A035 | 2            | 16  | 16  | 8/29 - 12/15  |
| EMB 152-FA120  | STUDIO PRODUCTIONS  | Regular     | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | A035 | 2            | 16  | 16  | 8/30 - 12/15  |
| EMB 154-FA110  | PERIPHERAL MULTI AP | Regular     | LCLB      | DLTA     | F    | 9:00A - 11:50A  | A122 | 2            | 18  | 18  | 9/2 - 12/16   |
| Note: EMS110, EMS111, EMS112 and EMS113 must be taken concurrently. Prerequisites can be viewed at <a href="http://www.delta.edu/firesci">http://www.delta.edu/firesci</a> >Fire Science</a>. Once you have completed prerequisites make appointment with Russ Holtman at (989) 686-9020 for permission to register.   |                     |             |           |          |      |                 |      |              |     |     |               |
| EMS 112-FA501  | BAS EM MED TECH 3   | Regular     | LCLB      | OTHR     | S    | 8:00A - 4:55P   | BMED | 2            | 10  | 4   | 9/24 - 3/17   |
| Note: The last meeting for this course is *****3/23/11. The additional time allows for student to take National Registry exam which governs grading. Students are given a printed schedule of meeting days upon registration. The schedule is also available at <a href="http://www3.delta.edu/firesci/">http://www3.delta.edu/firesci/</a> >Firescience Website</a>.  |                     |             |           |          |      |                 |      |              |     |     |               |
| Note: EMS110, EMS111, EMS112 and EMS113 must be taken concurrently. Prerequisites can be viewed at <a href="http://www.delta.edu/firesci">http://www.delta.edu/firesci</a> >Fire Science</a>. Once you have completed prerequisites make appointment with Russ Holtman at (989) 686-9020 for permission to register.   |                     |             |           |          |      |                 |      |              |     |     |               |
| EMS 113-FA501  | BASIC EM TECH FIELD | Regular     | LCLB      | OTHR     | M    | -               | BMED | 2            | 10  | 4   | 9/24 - 6/12   |
| Note: The last meeting for this course is *****3/23/09. The additional time allows for student to take National Registry exam which governs grading. Students are given a printed schedule of meeting days upon registration. The schedule is also available at <a href="http://www3.delta.edu/firesci/">http://www3.delta.edu/firesci/</a> >Firescience Website</a>.  |                     |             |           |          |      |                 |      |              |     |     |               |
| EMS 113-FA503  | BASIC EM TECH FIELD | Regular     | LCLB      | OTHR     | T    | -               | MMR  | 2            | 10  | 13  | 8/30 - 3/5    |
| Note: The last meeting for this course is *****12/11/09. The additional time allows for student to take National Registry exam which governs grading. Students are given a printed schedule of meeting days upon registration. The schedule is also available at <a href="http://www3.delta.edu/firesci/">http://www3.delta.edu/firesci/</a> >Firescience Website</a>. |                     |             |           |          |      |                 |      |              |     |     |               |
| ENG 104W-FA110   | APPLIED SPELL TECH  | Regular     | LCLB      | DLTA     | MW   | 12:00P - 12:55P | S264 | 2            | 15  | 9   | 8/29 - 12/14  |
| ENG 258W-FA110   | INTRO/SCREENWRITING | Regular     | LCLB      | DLTA     | R    | 2:00P - 3:55P   | S037 | 2            | 18  | 15  | 9/1 - 12/15   |
| ENG 259W-FA110   | ADV SCREENWRITING   | Regular     | LCLB      | DLTA     | F    | 9:00A - 10:55A  | S034 | 2            | 18  | 15  | 9/2 - 12/16   |
| HIS 236W-FA110   | HISTORY OF MICH     | Regular     | LCLB      | DLTA     | W    | 10:00A - 11:55A | C121 | 2            | 25  | 13  | 8/31 - 12/14  |
| HIS 236W-FA120   | HISTORY OF MICH     | Regular     | LCLB      | DLTA     | T    | 2:00P - 3:55P   | J135 | 2            | 25  | 14  | 8/30 - 12/13  |
| HIS 236W-FA210   | HISTORY OF MICH     | Regular     | LCLB      | DLTA     | W    | 5:00P - 6:55P   | J135 | 2            | 25  | 14  | 8/31 - 12/14  |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name   | Title                | Term Length | Inst Meth | Location | Days  | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|--|----------------------|-------------|-----------|----------|-------|-----------------|------|--------------|-----|-----|--------------|
| HSC 105-FA110  | MEDICAL TERMINOLOGY  | Regular     | LCLB      | DLTA     | T     | 8:00A - 9:55A   | E116 | 2            | 30  | 30  | 8/30 - 12/13 |
| HSC 105-FA130  | MEDICAL TERMINOLOGY  | Regular     | LCLB      | DLTA     | W     | 2:00P - 3:55P   | F006 | 2            | 30  | 31  | 8/31 - 12/14 |
| HSC 105-FA140  | MEDICAL TERMINOLOGY  | Regular     | LCLB      | DLTA     | M     | 10:00A - 11:55A | F015 | 2            | 30  | 29  | 8/29 - 12/12 |
| HSC 105-FA150  | MEDICAL TERMINOLOGY  | Regular     | LCLB      | DLTA     | T     | 2:00P - 3:55P   | F002 | 2            | 30  | 31  | 8/30 - 12/13 |
| HSC 105-FA210  | MEDICAL TERMINOLOGY  | Regular     | LCLB      | RICK     | T     | 4:00P - 5:55P   | 148  | 2            | 30  | 27  | 8/30 - 12/13 |
| HSC 105-FA220  | MEDICAL TERMINOLOGY  | Regular     | LCLB      | DCPL     | T     | 4:00P - 5:55P   | 212  | 2            | 30  | 27  | 8/30 - 12/13 |
| HSC 105-FA230  | MEDICAL TERMINOLOGY  | Regular     | LCLB      | DCMC     | W     | 5:00P - 6:55P   | 155  | 2            | 30  | 30  | 8/31 - 12/14 |
| HSC 105-FA320  | MEDICAL TERMINOLOGY  | Regular     | LCLB      | DLTA     | M     | 7:00P - 8:55P   | F002 | 2            | 30  | 31  | 8/29 - 12/12 |
| HSC 105-FA330  | MEDICAL TERMINOLOGY  | Regular     | LCLB      | DLTA     | W     | 7:00P - 8:55P   | F255 | 2            | 30  | 29  | 8/31 - 12/14 |
| HSC 105-FA340  | MEDICAL TERMINOLOGY  | Regular     | LCLB      | DCMC     | W     | 7:00P - 8:55P   | 155  | 2            | 30  | 30  | 8/31 - 12/14 |
| HSC 105-FA350  | MEDICAL TERMINOLOGY  | Regular     | LCLB      | DLTA     | R     | 6:00P - 7:55P   | F004 | 2            | 30  | 29  | 9/1 - 12/15  |
| HSC 140-FA110  | BAS MEDICAL EMERGEN  | Regular     | LCLB      | DLTA     | R     | 8:00A - 9:55A   | F001 | 2            | 16  | 15  | 9/1 - 12/15  |
| HSC 140-FA120  | BAS MEDICAL EMERGEN  | Regular     | LCLB      | DLTA     | R     | 11:00A - 12:55P | F001 | 2            | 16  | 15  | 9/1 - 12/15  |
| HSC 140-FA130  | BAS MEDICAL EMERGEN  | Regular     | LCLB      | DLTA     | R     | 1:30P - 3:25P   | F001 | 2            | 16  | 18  | 9/1 - 12/15  |
| HSC 140-FA210  | BAS MEDICAL EMERGEN  | Regular     | LCLB      | DLTA     | R     | 4:00P - 5:55P   | F001 | 2            | 16  | 18  | 9/1 - 12/15  |
| HSC 140-FA310  | BAS MEDICAL EMERGEN  | Regular     | LCLB      | DLTA     | T     | 7:00P - 8:55P   | F001 | 2            | 16  | 17  | 8/30 - 12/13 |
| HSC 140-FA320  | BAS MEDICAL EMERGEN  | Regular     | LCLB      | DLTA     | R     | 7:00P - 8:55P   | F001 | 2            | 16  | 16  | 9/1 - 12/15  |
| HSC 205W-FA110   | LEG ASP HLTH CAR SYS | Regular     | LCLB      | DLTA     | W     | 2:00P - 3:55P   | F250 | 2            | 25  | 24  | 8/31 - 12/14 |
| HSC 205W-FA310   | LEG ASP HLTH CAR SYS | Regular     | LCLB      | DLTA     | T     | 6:00P - 7:55P   | F250 | 2            | 25  | 23  | 8/30 - 12/13 |
| LSP 210-FA310  | ESTATE TRUST ADMIN   | Regular     | LCLB      | DLTA     | W     | 7:00P - 8:55P   | P110 | 2            | 25  | 19  | 8/31 - 12/14 |
| LW 221W-FA120  | FITNESS & WELLNESS   | Regular     | LCLB      | DLTA     | MW    | 12:00P - 1:25P  | F101 | 2            | 20  | 16  | 8/29 - 12/14 |
|  |                      | Regular     | LN2       | DLTA     | MW    | 12:00P - 1:25P  | P120 | 2            |     |     | 8/29 - 12/14 |
| Activity for this section is Fitness Walking.  |                      |             |           |          |       |                 |      |              |     |     |              |
| LW 221W-FA130  | FITNESS & WELLNESS   | Regular     | LCLB      | DLTA     | TR    | 8:30A - 9:55A   | F006 | 2            | 24  | 25  | 8/30 - 12/15 |
| LW 221W-FA150  | FITNESS & WELLNESS   | Regular     | LCLB      | DLTA     | MW    | 9:00A - 10:25A  | F001 | 2            | 24  | 23  | 8/29 - 12/14 |
| LW 221W-FA160  | FITNESS & WELLNESS   | Regular     | LCLB      | RICK     | MW    | 12:00P - 1:25P  | 111  | 2            | 24  | 25  | 8/29 - 12/14 |
| LW 221W-FA655  | FITNESS & WELLNESS   | Regular     | LCLB      | DLTA     | TR    | 11:00A - 12:00P | F101 | 2            | 15  | 15  | 8/30 - 12/15 |
|  |                      | Regular     | LN2       | DLTA     | TR    | 11:00A - 12:25P | P120 | 2            |     |     | 8/30 - 12/15 |
| Note: <b><font color=red>Learning Community course.</font></b> Student must also register for MTH 092-FA655, MTH 096-FA655. Click <a href="http://www.delta.edu/pages/972.aspx">Learning Communities</a> for more information. |                      |             |           |          |       |                 |      |              |     |     |              |
| <u>Note: Requires acceptance to Delta College Police Academy. Contact Criminal Justice Training Center 686-9108</u>  |                      |             |           |          |       |                 |      |              |     |     |              |
| LWA 280-FA110  | SELF-DEFENSE/FITNES  | Regular     | LCLB      | DLTA     | MTWRF | 7:00A - 5:00P   | C111 | 2            | 44  | 23  | 8/22 - 12/16 |
| LWA 280-FA120  | SELF-DEFENSE/FITNES  | Regular     | LCLB      | DLTA     | MTWRF | 7:00A - 5:00P   | C111 | 2            | 40  | 0   | 8/22 - 12/16 |
| MIT 118-FA110  | SAFETY PRAC & PROC   | Regular     | LCLB      | DLTA     | T     | 8:00A - 9:55A   | N204 | 2            | 18  | 15  | 8/30 - 12/13 |
| <u>Note: Includes Learning Assistance Workshop to help prepare for tests and clarify course content (required based on course grade).</u>  |                      |             |           |          |       |                 |      |              |     |     |              |
| MTH 092-FA108  | BASIC MATH           | Regular     | LCLB      | DLTA     | TR    | 9:00A - 9:55A   | A211 | 2            | 15  | 16  | 8/30 - 12/15 |
|  |                      | Regular     | WKP       | DLTA     | TR    | 8:30A - 8:55A   | A211 | 2            |     |     | 8/30 - 12/15 |
| MTH 092-FA110  | BASIC MATH           | Regular     | LCLB      | DLTA     | F     | 9:00A - 10:55A  | A213 | 2            | 15  | 15  | 9/2 - 12/16  |
|  |                      | Regular     | WKP       | DLTA     | F     | 8:00A - 8:55A   | A213 | 2            |     |     | 9/2 - 12/16  |
| MTH 092-FA118  | BASIC MATH           | Regular     | LCLB      | DLTA     | F     | 10:00A - 11:55A | A208 | 2            | 15  | 16  | 9/2 - 12/16  |
|  |                      | Regular     | WKP       | DLTA     | F     | 9:00A - 9:55A   | A208 | 2            |     |     | 9/2 - 12/16  |
| MTH 092-FA120  | BASIC MATH           | Regular     | LCLB      | DLTA     | F     | 10:00A - 11:55A | A206 | 2            | 15  | 15  | 9/2 - 12/16  |
|  |                      | Regular     | WKP       | DLTA     | F     | 9:00A - 9:55A   | A206 | 2            |     |     | 9/2 - 12/16  |
| MTH 092-FA125  | BASIC MATH           | Regular     | LCLB      | DLTA     | F     | 1:00P - 2:55P   | A206 | 2            | 15  | 20  | 9/2 - 12/16  |
|  |                      | Regular     | WKP       | DLTA     | F     | 12:00P - 12:55P | A206 | 2            |     |     | 9/2 - 12/16  |
| MTH 092-FA126  | BASIC MATH           | Regular     | LCLB      | DLTA     | F     | 12:00P - 1:55P  | A204 | 2            | 15  | 14  | 9/2 - 12/16  |
|  |                      | Regular     | WKP       | DLTA     | F     | 11:00A - 11:55A | A204 | 2            |     |     | 9/2 - 12/16  |
| MTH 092-FA127  | BASIC MATH           | Regular     | LCLB      | DLTA     | TR    | 1:00P - 1:55P   | A211 | 2            | 15  | 17  | 8/30 - 12/15 |
|  |                      | Regular     | WKP       | DLTA     | TR    | 12:30P - 12:55P | A211 | 2            |     |     | 8/30 - 12/15 |
| MTH 092-FA128  | BASIC MATH           | Regular     | LCLB      | DLTA     | F     | 1:00P - 2:55P   | A203 | 2            | 15  | 15  | 9/2 - 12/16  |
|  |                      | Regular     | WKP       | DLTA     | F     | 12:00P - 12:55P | A203 | 2            |     |     | 9/2 - 12/16  |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name  | Title       | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|---|-------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|--------------|
| MTH 092-FA130   | BASIC MATH  | Regular     | LCLB      | DLTA     | W    | 3:00P - 4:55P   | A206 | 2            | 15  | 17  | 8/31 - 12/14 |
|   |             | Regular     | WKP       | DLTA     | W    | 2:00P - 2:55P   | A206 | 2            |     |     | 8/31 - 12/14 |
| MTH 092-FA131   | BASIC MATH  | Regular     | LCLB      | DLTA     | MW   | 1:00P - 1:55P   | S060 | 2            | 15  | 18  | 8/29 - 12/14 |
|   |             | Regular     | WKP       | DLTA     | MW   | 12:30P - 12:55P | S060 | 2            |     |     | 8/29 - 12/14 |
| MTH 092-FA132   | BASIC MATH  | Regular     | LCLB      | DLTA     | MW   | 2:30P - 3:25P   | A205 | 2            | 15  | 18  | 8/29 - 12/14 |
|   |             | Regular     | WKP       | DLTA     | MW   | 2:00P - 2:25P   | A205 | 2            |     |     | 8/29 - 12/14 |
| MTH 092-FA134   | BASIC MATH  | Regular     | LCLB      | RICK     | TR   | 2:30P - 3:25P   | 113  | 2            | 15  | 18  | 8/30 - 12/15 |
|   |             | Regular     | WKP       | RICK     | TR   | 2:00P - 2:25P   | 113  | 2            |     |     | 8/30 - 12/15 |
| Note: Do not purchase textbook...see instructor first day of class regarding textbook.  |             |             |           |          |      |                 |      |              |     |     |              |
| MTH 092-FA136   | BASIC MATH  | Regular     | LCLB      | DLTA     | TR   | 2:30P - 3:25P   | S059 | 2            | 15  | 14  | 8/30 - 12/15 |
|   |             | Regular     | WKP       | DLTA     | TR   | 2:00P - 2:25P   | S059 | 2            |     |     | 8/30 - 12/15 |
| MTH 092-FA140   | BASIC MATH  | Regular     | LCLB      | DLTA     | MW   | 2:30P - 3:25P   | A213 | 2            | 15  | 16  | 8/29 - 12/14 |
|   |             | Regular     | WKP       | DLTA     | MW   | 2:00P - 2:25P   | A213 | 2            |     |     | 8/29 - 12/14 |
| MTH 092-FA146   | BASIC MATH  | Regular     | LCLB      | DLTA     | T    | 3:00P - 4:55P   | M105 | 2            | 15  | 18  | 8/30 - 12/13 |
|   |             | Regular     | WKP       | DLTA     | T    | 2:00P - 2:55P   | M105 | 2            |     |     | 8/30 - 12/13 |
| MTH 092-FA210   | BASIC MATH  | Regular     | LCLB      | DLTA     | M    | 6:00P - 7:55P   | S056 | 2            | 15  | 17  | 8/29 - 12/12 |
|   |             | Regular     | WKP       | DLTA     | M    | 5:00P - 5:55P   | S056 | 2            |     |     | 8/29 - 12/12 |
| MTH 092-FA220   | BASIC MATH  | Regular     | LCLB      | DLTA     | TR   | 5:00P - 5:55P   | A208 | 2            | 15  | 18  | 8/30 - 12/15 |
|   |             | Regular     | WKP       | DLTA     | TR   | 4:30P - 4:55P   | A208 | 2            |     |     | 8/30 - 12/15 |
| MTH 092-FA240   | BASIC MATH  | Regular     | LCLB      | DLTA     | MW   | 5:30P - 6:25P   | P110 | 2            | 15  | 17  | 8/29 - 12/14 |
|   |             | Regular     | WKP       | DLTA     | MW   | 5:00P - 5:25P   | P110 | 2            |     |     | 8/29 - 12/14 |
| MTH 092-FA310   | BASIC MATH  | Regular     | LCLB      | DLTA     | TR   | 6:30P - 7:25P   | A207 | 2            | 15  | 15  | 8/30 - 12/15 |
|   |             | Regular     | WKP       | DLTA     | TR   | 6:00P - 6:25P   | A207 | 2            |     |     | 8/30 - 12/15 |
| MTH 092-FA330   | BASIC MATH  | Regular     | LCLB      | DLTA     | MW   | 5:30P - 6:25P   | A211 | 2            | 15  | 14  | 8/29 - 12/14 |
|   |             | Regular     | WKP       | DLTA     | MW   | 5:00P - 5:25P   | A211 | 2            |     |     | 8/29 - 12/14 |
| MTH 092-FA335   | BASIC MATH  | Regular     | LCLB      | RICK     | MW   | 6:30P - 7:25P   | 112  | 2            | 15  | 19  | 8/29 - 12/14 |
|   |             | Regular     | WKP       | RICK     | MW   | 6:00P - 6:25P   | 112  | 2            |     |     | 8/29 - 12/14 |
| MTH 092-FA340   | BASIC MATH  | Regular     | LCLB      | DLTA     | R    | 4:00P - 5:55P   | S225 | 2            | 15  | 13  | 9/1 - 12/15  |
|   |             | Regular     | WKP       | DLTA     | R    | 3:00P - 3:55P   | S225 | 2            |     |     | 9/1 - 12/15  |
| MTH 092-FA350   | BASIC MATH  | Regular     | LCLB      | DLTA     | T    | 7:00P - 8:55P   | S058 | 2            | 15  | 16  | 8/30 - 12/13 |
|   |             | Regular     | WKP       | DLTA     | T    | 6:00P - 6:55P   | S058 | 2            |     |     | 8/30 - 12/13 |
| MTH 092-FA360   | BASIC MATH  | Regular     | LCLB      | DLTA     | R    | 7:00P - 8:55P   | S040 | 2            | 15  | 13  | 9/1 - 12/15  |
|   |             | Regular     | WKP       | DLTA     | R    | 6:00P - 6:55P   | S040 | 2            |     |     | 9/1 - 12/15  |
| MTH 092-FA615   | BASIC MATH  | Regular     | LCLB      | DLTA     | MW   | 11:00A - 11:55A | N202 | 2            | 15  | 16  | 8/29 - 12/14 |
|   |             | Regular     | WKP       | DLTA     | MW   | 10:30A - 10:55A | N202 | 2            |     |     | 8/29 - 12/14 |
| Note: <b>Learning Community Course.</b> Student must also enroll in ENG 093W FA615 and ABS 101W FA615. Click <a href="http://www.delta.edu/pages/972.aspx">http://www.delta.edu/pages/972.aspx</a> for more information.  |             |             |           |          |      |                 |      |              |     |     |              |
| MTH 092-FA625   | BASIC MATH  | Regular     | LCLB      | RICK     | TR   | 9:00A - 9:55A   | 113  | 2            | 15  | 15  | 8/30 - 12/15 |
|   |             | Regular     | WKP       | RICK     | TR   | 8:30A - 8:55A   | 113  | 2            |     |     | 8/30 - 12/15 |
| Note: Learning Community Course. Must also register for ENG 090 FA625, CST 091 FA 625, CST 093 FA625 and CST 094 FA625. For information about learning communities, visit <a href="http://www.delta.edu/pages/972.aspx">http://www.delta.edu/pages/972.aspx</a> Learning Communities. Computer Aided Homework Section. For Math section please do not purchase textbook until you talk to the instructor on the first day of class. |             |             |           |          |      |                 |      |              |     |     |              |
| MTH 092-FA635   | BASIC MATH  | Regular     | LCLB      | DLTA     | MW   | 12:30P - 1:25P  | S059 | 2            | 15  | 12  | 8/29 - 12/14 |
|   |             | Regular     | WKP       | DLTA     | MW   | 12:00P - 12:25P | S059 | 2            |     |     | 8/29 - 12/14 |
| Note: <b>Learning Community Course.</b> Must also register for ENG 090 FA635, SSI 290W FA635, SCI 099 FA633, CST 091, 93, and 94 FA635. Click <a href="http://www.delta.edu/pages/972.aspx">http://www.delta.edu/pages/972.aspx</a> for more information. Computer Aided Homework Section.  |             |             |           |          |      |                 |      |              |     |     |              |
| MTH 092-FA645   | BASIC MATH  | Regular     | LCLB      | DLTA     | TR   | 12:00P - 12:55P | A208 | 2            | 15  | 14  | 8/30 - 12/15 |
|   |             | Regular     | WKP       | DLTA     | TR   | 11:30A - 11:55A | A208 | 2            |     |     | 8/30 - 12/15 |
| Note: <b>Learning Community Course.</b> Must also register for ENG 090 FA645, COM 112 FA 645, CST 091 FA 645, CST 093 FA 645 and CST 094 FA 645. Click <a href="http://www.delta.edu/pages/972.aspx">http://www.delta.edu/pages/972.aspx</a> Learning Communities for more information. Computer aided homework section.  |             |             |           |          |      |                 |      |              |     |     |              |
| MTH 096-FA110   | PRE-ALGEBRA | Regular     | LCLB      | DLTA     | W    | 8:00A - 9:55A   | J134 | 2            | 20  | 19  | 8/31 - 12/14 |
| MTH 096-FA115   | PRE-ALGEBRA | Regular     | LCLB      | DLTA     | T    | 9:00A - 10:55A  | S260 | 2            | 20  | 24  | 8/30 - 12/13 |
| MTH 096-FA125   | PRE-ALGEBRA | Regular     | LCLB      | DCMC     | M    | 10:00A - 11:55A | 204  | 2            | 20  | 21  | 8/29 - 12/12 |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name   | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|--|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|--------------|
| MTH 096-FA130  | PRE-ALGEBRA         | Regular     | LCLB      | DLTA     | F    | 9:00A - 10:55A  | A204 | 2            | 20  | 24  | 9/2 - 12/16  |
| MTH 096-FA150  | PRE-ALGEBRA         | Regular     | LCLB      | DLTA     | TR   | 1:00P - 1:55P   | A208 | 2            | 20  | 20  | 8/30 - 12/15 |
| MTH 096-FA155  | PRE-ALGEBRA         | Regular     | LCLB      | DLTA     | MW   | 2:00P - 2:55P   | A211 | 2            | 20  | 20  | 8/29 - 12/14 |
| MTH 096-FA165  | PRE-ALGEBRA         | Regular     | LCLB      | DLTA     | M    | 2:00P - 3:55P   | A206 | 2            | 20  | 22  | 8/29 - 12/12 |
| MTH 096-FA205  | PRE-ALGEBRA         | Regular     | LCLB      | DLTA     | MW   | 4:00P - 4:55P   | A204 | 2            | 20  | 25  | 8/29 - 12/14 |
| MTH 096-FA210  | PRE-ALGEBRA         | Regular     | LCLB      | RICK     | R    | 4:00P - 5:55P   | 113  | 2            | 20  | 24  | 9/1 - 12/15  |
| MTH 096-FA220  | PRE-ALGEBRA         | Regular     | LCLB      | DLTA     | W    | 5:00P - 6:55P   | J138 | 2            | 20  | 21  | 8/31 - 12/14 |
| MTH 096-FA350  | PRE-ALGEBRA         | Regular     | LCLB      | DLTA     | T    | 7:00P - 8:55P   | S057 | 2            | 20  | 22  | 8/30 - 12/13 |
| MTH 096-FA510  | PRE-ALGEBRA         | Regular     | LCLB      | DLTA     | T    | 7:00P - 8:55P   | M151 | 2            | 16  | 12  | 8/30 - 12/13 |
| MTH 117-FA110  | MATH ALLIED HEALTH  | Regular     | LCLB      | DLTA     | W    | 8:00A - 9:55A   | A211 | 2            | 20  | 22  | 8/31 - 12/14 |
| Note: Out class testing in the Academic Testing Center.  |                     |             |           |          |      |                 |      |              |     |     |              |
| MTH 117-FA115  | MATH ALLIED HEALTH  | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:25A  | N206 | 2            | 20  | 22  | 8/30 - 12/15 |
| MTH 117-FA130  | MATH ALLIED HEALTH  | Regular     | LCLB      | DLTA     | F    | 10:00A - 11:55A | A203 | 2            | 20  | 22  | 9/2 - 12/16  |
| MTH 117-FA135  | MATH ALLIED HEALTH  | Regular     | LCLB      | DLTA     | TR   | 11:00A - 11:55A | A211 | 2            | 20  | 20  | 8/30 - 12/15 |
| MTH 117-FA145  | MATH ALLIED HEALTH  | Regular     | LCLB      | DLTA     | TR   | 2:00P - 2:55P   | A211 | 2            | 20  | 21  | 8/30 - 12/15 |
| MTH 117-FA210  | MATH ALLIED HEALTH  | Regular     | LCLB      | DLTA     | M    | 5:00P - 6:55P   | J135 | 2            | 20  | 22  | 8/29 - 12/12 |
| Note: Out of class testing in Academic Testing Center.   |                     |             |           |          |      |                 |      |              |     |     |              |
| MTH 117-FA310  | MATH ALLIED HEALTH  | Regular     | LCLB      | DLTA     | T    | 7:00P - 8:55P   | A209 | 2            | 20  | 21  | 8/30 - 12/13 |
| Note: Out of class testing in the Academic Testing Center.   |                     |             |           |          |      |                 |      |              |     |     |              |
| MUS 131-FA110  | PIANO I             | Regular     | LCLB      | DLTA     | T    | 8:00A - 9:55A   | S130 | 2            | 16  | 14  | 8/30 - 12/13 |
| MUS 131-FA120  | PIANO I             | Regular     | LCLB      | DLTA     | M    | 10:00A - 11:55A | S130 | 2            | 16  | 16  | 8/29 - 12/12 |
| MUS 131-FA130  | PIANO I             | Regular     | LCLB      | DLTA     | T    | 11:00A - 12:55P | S130 | 2            | 16  | 13  | 8/30 - 12/13 |
| MUS 131-FA140  | PIANO I             | Regular     | LCLB      | DLTA     | M    | 12:00P - 1:55P  | S130 | 2            | 16  | 16  | 8/29 - 12/12 |
| MUS 132-FA110  | PIANO II            | Regular     | LCLB      | DLTA     | M    | 2:00P - 3:55P   | S130 | 2            | 16  | 8   | 8/29 - 12/12 |
| MUS 135-FA110  | FUNDAMENT OF GUITAR | Regular     | LCLB      | DLTA     | T    | 11:00A - 12:55P | S131 | 2            | 12  | 11  | 8/30 - 12/13 |
| MUS 135-FA130  | FUNDAMENT OF GUITAR | Regular     | LCLB      | DLTA     | T    | 2:00P - 3:55P   | S131 | 2            | 12  | 13  | 8/30 - 12/13 |
| MUS 135-FA140  | FUNDAMENT OF GUITAR | Regular     | LCLB      | DLTA     | W    | 12:00P - 1:55P  | S131 | 2            | 12  | 12  | 8/31 - 12/14 |
| MUS 135-FA210  | FUNDAMENT OF GUITAR | Regular     | LCLB      | DLTA     | M    | 6:00P - 7:55P   | S131 | 2            | 12  | 13  | 8/29 - 12/12 |
| MUS 137-FA110  | CLASSICAL GUITAR    | Regular     | LCLB      | DLTA     | M    | 2:00P - 3:55P   | S131 | 2            | 12  | 6   | 8/29 - 12/12 |
| MUS 138-FA210  | MUSIC VOICE CLASS   | Regular     | LCLB      | DLTA     | W    | 4:00P - 5:55P   | S131 | 2            | 20  | 17  | 8/31 - 12/14 |
| Note: Students will be required to purchase performance attire and sheet music - see instructor for details. |                     |             |           |          |      |                 |      |              |     |     |              |
| MUS 154-FA310  | CHOIR I             | Regular     | LCLB      | DLTA     | W    | 6:00P - 7:55P   | S131 | 2            | 20  | 19  | 8/31 - 12/14 |
| Note: Students will be required to purchase performance attire and sheet music - see instructor for details. |                     |             |           |          |      |                 |      |              |     |     |              |
| MUS 155-FA310  | CHOIR II            | Regular     | LCLB      | DLTA     | R    | 6:00P - 7:55P   | S131 | 2            | 12  | 8   | 9/1 - 12/15  |
| Note: Students will be required to purchase sheet music - see instructor for details.                        |                     |             |           |          |      |                 |      |              |     |     |              |
| MUS 158-FA310  | CHOIR III           | Regular     | LCLB      | DLTA     | W    | 8:00P - 9:55P   | S131 | 2            | 12  | 8   | 8/31 - 12/14 |
| OAT 116-FA110  | INTR MEDICAL OFFICE | Regular     | LCLB      | DLTA     | M    | 2:00P - 3:55P   | S113 | 2            | 25  | 22  | 8/29 - 12/12 |
| Note: Fall only class; next offered in Fall 2010.  |                     |             |           |          |      |                 |      |              |     |     |              |
| OAT 116-FA120  | INTR MEDICAL OFFICE | Regular     | LCLB      | DLTA     | T    | 11:00A - 12:55P | N210 | 2            | 25  | 24  | 8/30 - 12/13 |
| OAT 155W-FA110   | EDITING             | Regular     | LCLB      | DLTA     | W    | 12:00P - 1:55P  | K109 | 2            | 22  | 19  | 8/31 - 12/14 |
| OAT 157-FA110  | FILE MANAGEMENT     | Regular     | LCLB      | DLTA     | R    | 11:00A - 12:55P | N202 | 2            | 18  | 17  | 9/1 - 12/15  |
| OAT 157-FA210  | FILE MANAGEMENT     | Regular     | LCLB      | DLTA     | M    | 2:00P - 3:55P   | F251 | 2            | 18  | 18  | 8/29 - 12/12 |
| OAT 170-FA110  | KEYBOARDING         | Regular     | LCLB      | DLTA     | W    | 12:00P - 1:55P  | K104 | 2            | 18  | 16  | 8/31 - 12/14 |
| OAT 170-FA120  | KEYBOARDING         | Regular     | LCLB      | RICK     | R    | 12:00P - 1:55P  | 141  | 2            | 18  | 19  | 9/1 - 12/15  |
| OAT 170-FA140  | KEYBOARDING         | Regular     | LCLB      | DLTA     | T    | 2:00P - 3:55P   | K104 | 2            | 18  | 19  | 8/30 - 12/13 |
| OAT 170-FA150  | KEYBOARDING         | Regular     | LCLB      | DLTA     | F    | 9:00A - 10:55A  | K104 | 2            | 18  | 19  | 9/2 - 12/16  |
| OAT 170-FA160  | KEYBOARDING         | Regular     | LCLB      | DLTA     | F    | 12:00P - 1:55P  | K104 | 2            | 18  | 18  | 9/2 - 12/16  |
| OAT 170-FA310  | KEYBOARDING         | Regular     | LCLB      | DLTA     | M    | 7:00P - 8:55P   | K104 | 2            | 18  | 17  | 8/29 - 12/12 |
| OAT 175-FA110  | ELEC CALCULATION    | Regular     | LCLB      | DLTA     | T    | 4:00P - 5:55P   | K104 | 2            | 20  | 20  | 8/30 - 12/13 |
| Note: Registration into PTA courses requires successful clinical entry.                                      |                     |             |           |          |      |                 |      |              |     |     |              |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name  | Title                 | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates         |
|---|-----------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|---------------|
| PTA 101-FA110   | CLINICAL ANATOMY      | Regular     | LCLB      | DLTA     | T    | 9:00A - 10:55A  | P110 | 2            | 20  | 20  | 8/30 - 12/15  |
| PTA 105-FA110   | PHYSICAL AGENTS       | Regular     | LCLB      | DLTA     | M    | 2:00P - 3:55P   | P110 | 2            | 20  | 20  | 8/29 - 12/12  |
| PTA 105LW-FA110   | PHYS AGENTS I LAB     | Regular     | LCLB      | DLTA     | W    | 9:00A - 10:55A  | P124 | 2            | 10  | 10  | 8/31 - 12/16  |
|   |                       | Regular     | LCLB      | DLTA     | F    | 11:00A - 1:55P  | P124 | 2            |     |     | 8/31 - 12/16  |
| PTA 105LW-FA120   | PHYS AGENTS I LAB     | Regular     | LCLB      | DLTA     | F    | 9:00A - 10:55A  | P124 | 2            | 10  | 10  | 8/31 - 12/16  |
|   |                       | Regular     | LCLB      | DLTA     | F    | 1:00P - 1:55P   | P124 | 2            |     |     | 8/31 - 12/16  |
|   |                       | Regular     | LN2       | DLTA     | W    | 11:00A - 12:55P | P124 | 2            |     |     | 8/31 - 12/16  |
| PTA 110-FA110   | FUND OF PT MOBILITY   | Regular     | LCLB      | DLTA     | M    | 9:00A - 10:55A  | J131 | 2            | 23  | 20  | 8/29 - 11/7   |
|   |                       | Regular     | LN2       | DLTA     | M    | 9:00A - 10:55A  | E116 | 2            |     |     | 11/14 - 12/12 |
| <u>Note: Registration into RAD courses requires successful clinical entry.</u>  |                       |             |           |          |      |                 |      |              |     |     |               |
| RAD 100-FA100   | BASIC SCI MED IMAG    | Regular     | LCLB      | DLTA     | F    | 1:00P - 2:55P   | F024 | 2            | 18  | 18  | 9/2 - 12/16   |
| <u>Note: A schedule for the semester will be provided at orientation.</u>   |                       |             |           |          |      |                 |      |              |     |     |               |
| RT 212-FA901  | ADV VENTILATOR MGT    | Regular     | LCLB      | DLTA     |      | 9:00A - 2:55P   | F245 | 2            | 15  | 13  | 9/1 - 12/16   |
| <u>Note: Meets RF 9AM-2:55PM various weeks. A Master Schedule for the semester will be provided.</u>                                  |                       |             |           |          |      |                 |      |              |     |     |               |
| SKCA 114-FA510  | INTRODUCTION TO CAD   | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P   | M103 | 2            | 4   | 4   | 8/31 - 12/14  |
| SKMA 096-FA510  | PRE-ALGEBRA           | Regular     | LCLB      | DLTA     | T    | 7:00P - 8:55P   | M151 | 2            | 8   | 8   | 8/30 - 12/13  |
| ST 207-FA110  | PHARMACOLOGY IN OR    | Regular     | LCLB      | DLTA     | R    | 12:00P - 1:55P  | F146 | 2            | 15  | 15  | 9/1 - 12/15   |
| ST 210-FA110  | THE SURGICAL PATIENT  | Regular     | LCLB      | DLTA     | M    | 2:00P - 3:55P   | F146 | 2            | 15  | 15  | 8/29 - 12/12  |
| TTI 110-FA210   | SUSTAIN BLDG PRINC    | Regular     | LCLB      | DLTA     | M    | 5:00P - 6:55P   | M105 | 2            | 18  | 14  | 8/29 - 12/12  |
| WET 246-FA310   | WET ELECTRIC MAINT    | Regular     | LCLB      | DLTA     | M    | 6:00P - 7:55P   | F111 | 2            | 16  | 17  | 8/29 - 12/12  |
| WTT 215-FA210   | WT BLADE DESIGN       | Regular     | LCLB      | DLTA     | W    | 7:00P - 7:55P   | M150 | 2            | 18  | 22  | 8/31 - 12/14  |
|   |                       | Regular     | LCLB      | DLTA     | W    | 6:00P - 6:55P   | M105 | 2            |     |     | 8/31 - 12/14  |
| ACC 215W-FA110  | FEDERAL TAX ACCOUNTIN | Regular     | LCLB      | DLTA     | M    | 8:30A - 11:25A  | S263 | 3            | 25  | 25  | 8/29 - 12/12  |
| <u>NOTE: This course uses an online homework management system which requires purchase of an access code as well as the textbook.</u> |                       |             |           |          |      |                 |      |              |     |     |               |
| ACC 233-FA110   | COST ACCOUNTING       | Regular     | LCLB      | DLTA     | M    | 9:00A - 11:55A  | J134 | 3            | 25  | 25  | 8/29 - 12/12  |
| ACC 235-FA310   | FINANCIAL MANAGEMNT   | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | F003 | 3            | 25  | 28  | 8/31 - 12/14  |
| ACC 235-FA320   | FINANCIAL MANAGEMNT   | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P   | F003 | 3            | 25  | 23  | 8/29 - 12/12  |
| ARC 101-FA110   | MTLS/METH OF CONST    | Regular     | LCLB      | DLTA     | R    | 8:00A - 10:55A  | M151 | 3            | 20  | 21  | 9/1 - 12/15   |
| <u>Note: A &lt;a href="http://www.delta.edu/pages/10924.aspx"&gt;Sustainability Related Course &lt;/a&gt; .</u>                       |                       |             |           |          |      |                 |      |              |     |     |               |
| ARC 101-FA310   | MTLS/METH OF CONST    | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | L131 | 3            | 19  | 16  | 8/30 - 12/13  |
| ARC 111-FA110   | MECH & ELEC SYS BLD   | Regular     | LCLB      | DLTA     | T    | 8:00A - 9:55A   | M151 | 3            | 18  | 16  | 8/30 - 12/13  |
|   |                       | Regular     | LN2       | DLTA     | T    | 10:00A - 10:55A | M150 | 3            |     |     | 8/30 - 12/13  |
| ARC 111-FA310   | MECH & ELEC SYS BLD   | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P   | M104 | 3            | 18  | 14  | 8/31 - 12/14  |
| ARC 204-FA110   | ESTIMATING BLDG CON   | Regular     | LCLB      | DLTA     | R    | 8:00A - 10:55A  | M100 | 3            | 20  | 17  | 8/29 - 12/15  |
| ARC 205-FA210   | ARCH DRAFTING III     | Regular     | LCLB      | DLTA     | MW   | 5:30P - 8:55P   | M100 | 3            | 18  | 15  | 8/29 - 12/14  |
| ARC 214-FA110   | ARC AUTOCAD 3D BAS    | Regular     | LCLB      | DLTA     | M    | 1:00P - 3:55P   | M100 | 3            | 18  | 13  | 8/29 - 12/12  |
| <u>Note: A &lt;a href="http://www.delta.edu/pages/10924.aspx"&gt;Sustainability Related Course &lt;/a&gt; .</u>                       |                       |             |           |          |      |                 |      |              |     |     |               |
| ARC 221-FA110   | SITE PREPARATION      | Regular     | LCLB      | DLTA     | R    | 11:00A - 1:55P  | N204 | 3            | 17  | 17  | 9/1 - 9/15    |
|   |                       | Regular     | LN2       | DLTA     | R    | 11:00A - 1:00P  | N204 | 3            |     |     | 9/22 - 12/15  |
|   |                       | Regular     | LN2       | DLTA     | R    | 1:00P - 1:55P   | M103 | 3            |     |     | 9/22 - 12/15  |
| <u>Note: Students must provide a digital or analog SLR camera, film, and processing. Minimum cost \$150.</u>                          |                       |             |           |          |      |                 |      |              |     |     |               |
| ART 100-FA110   | COLOR PHOTOGRAPHY     | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:25P  | S231 | 3            | 18  | 18  | 8/29 - 12/7   |
| ART 100-FA120   | COLOR PHOTOGRAPHY     | Regular     | LCLB      | DLTA     | MW   | 3:00P - 4:25P   | S231 | 3            | 18  | 16  | 8/29 - 12/7   |
| ART 100-FA130   | COLOR PHOTOGRAPHY     | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:25P | S231 | 3            | 18  | 14  | 8/30 - 12/8   |
| ART 100-FA220   | COLOR PHOTOGRAPHY     | Regular     | LCLB      | DLTA     | M    | 5:00P - 7:55P   | S231 | 3            | 18  | 19  | 8/29 - 12/12  |
| ART 100-FA230   | COLOR PHOTOGRAPHY     | Regular     | LCLB      | DCMC     | T    | 6:00P - 8:55P   | 154  | 3            | 18  | 14  | 8/30 - 12/13  |
| <u>Note: Students must provide 35mm film camera, film, and printing paper, etc. Minimum cost \$150.</u>                               |                       |             |           |          |      |                 |      |              |     |     |               |
| ART 101-FA110   | PHOTOGRAPHY I         | Regular     | LCLB      | DLTA     | TR   | 3:00P - 5:55P   | S231 | 3            | 16  | 15  | 8/30 - 12/15  |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name  | Title               | Term Length | Inst Meth | Location | Days | Time           | Room | Credit Hours | Cap | Enr | Dates        |
|---|---------------------|-------------|-----------|----------|------|----------------|------|--------------|-----|-----|--------------|
| ART 101-FA310   | PHOTOGRAPHY I       | Regular     | LCLB      | DLTA     | TR   | 6:00P - 8:55P  | S231 | 3            | 16  | 14  | 8/30 - 12/15 |
| <u>Note: Requires an additional \$75-\$100 in supplies.</u>     |                     |             |           |          |      |                |      |              |     |     |              |
| ART 105-FA110   | ART EXPERIENCE      | Regular     | LCLB      | DLTA     | MW   | 9:00A - 10:55A | S134 | 3            | 16  | 14  | 8/29 - 12/14 |
| ART 105-FA120   | ART EXPERIENCE      | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P | S134 | 3            | 16  | 15  | 8/29 - 12/14 |
| <u>Note: Requires an additional \$100 in drawing materials.</u> |                     |             |           |          |      |                |      |              |     |     |              |
| ART 111-FA110   | DRAWING I           | Regular     | LCLB      | DLTA     | TR   | 11:00A - 1:55P | S204 | 3            | 24  | 24  | 8/30 - 12/15 |
| ART 111-FA120   | DRAWING I           | Regular     | LCLB      | DLTA     | TR   | 3:00P - 5:55P  | S204 | 3            | 24  | 24  | 8/30 - 12/15 |
| ART 111-FA130   | DRAWING I           | Regular     | LCLB      | DLTA     | MW   | 9:00A - 11:55A | S204 | 3            | 24  | 22  | 8/29 - 12/14 |
| ART 111-FA140   | DRAWING I           | Regular     | LCLB      | DLTA     | MW   | 1:00P - 3:55P  | S204 | 3            | 24  | 22  | 8/29 - 12/14 |
| ART 111-FA310   | DRAWING I           | Regular     | LCLB      | DLTA     | TR   | 6:00P - 8:55P  | S204 | 3            | 24  | 19  | 8/30 - 12/15 |
| <u>Note: Requires an additional \$100 in drawing materials.</u> |                     |             |           |          |      |                |      |              |     |     |              |
| ART 112-FA120   | DRAWING II          | Regular     | LCLB      | DLTA     | TR   | 11:00A - 1:55P | S201 | 3            | 16  | 15  | 8/30 - 12/15 |
| <u>Note: Requires an additional \$75-100 in art materials.</u>  |                     |             |           |          |      |                |      |              |     |     |              |
| ART 113-FA210   | ART EDUCATION       | Regular     | LCLB      | DLTA     | MW   | 5:00P - 7:55P  | S134 | 3            | 16  | 12  | 8/29 - 12/14 |
| <u>Note: Requires an additional \$100 in art materials.</u>     |                     |             |           |          |      |                |      |              |     |     |              |
| ART 115-FA110   | DESIGN I            | Regular     | LCLB      | DLTA     | MW   | 8:00A - 10:55A | S104 | 3            | 24  | 24  | 8/29 - 12/14 |
| ART 115-FA120   | DESIGN I            | Regular     | LCLB      | DLTA     | TR   | 8:00A - 10:55A | S104 | 3            | 24  | 23  | 8/30 - 12/15 |
| ART 115-FA130   | DESIGN I            | Regular     | LCLB      | DLTA     | MW   | 2:00P - 4:55P  | S104 | 3            | 24  | 21  | 8/29 - 12/14 |
| ART 115-FA140   | DESIGN I            | Regular     | LCLB      | DLTA     | TR   | 2:00P - 4:55P  | S104 | 3            | 24  | 22  | 8/30 - 12/15 |
| ART 115-FA210   | DESIGN I            | Regular     | LCLB      | DLTA     | MW   | 5:00P - 7:55P  | S104 | 3            | 24  | 24  | 8/29 - 12/14 |
| <u>Note: Student must provide own tools. Minimum cost \$50.</u> |                     |             |           |          |      |                |      |              |     |     |              |
| ART 116-FA110   | DESIGN II           | Regular     | LCLB      | DLTA     | MW   | 9:00A - 11:55A | S139 | 3            | 16  | 16  | 8/29 - 12/14 |
| ART 116-FA120   | DESIGN II           | Regular     | LCLB      | DLTA     | TR   | 11:00A - 1:55P | S140 | 3            | 16  | 14  | 8/30 - 12/15 |
| ART 116-FA210   | DESIGN II           | Regular     | LCLB      | DLTA     | MW   | 5:00P - 7:55P  | S140 | 3            | 16  | 12  | 8/29 - 12/14 |
| ART 151W-FA110  | ART HIST & APPR I   | Regular     | LCLB      | DLTA     | M    | 9:00A - 11:55A | S105 | 3            | 24  | 25  | 8/29 - 12/12 |
| ART 151W-FA120  | ART HIST & APPR I   | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P  | S105 | 3            | 24  | 24  | 8/29 - 12/12 |
| ART 151W-FA130  | ART HIST & APPR I   | Regular     | LCLB      | DLTA     | W    | 2:00P - 4:55P  | S105 | 3            | 25  | 23  | 8/31 - 12/14 |
| ART 151W-FA210  | ART HIST & APPR I   | Regular     | LCLB      | DLTA     | M    | 5:00P - 7:55P  | S105 | 3            | 24  | 23  | 8/29 - 12/12 |
| ART 152W-FA210  | ART HIST & APPR II  | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P  | S105 | 3            | 25  | 25  | 8/31 - 12/14 |
| ART 152W-FA310  | ART HIST & APPR II  | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P  | S105 | 3            | 25  | 22  | 9/1 - 12/15  |
| <u>Note: Requires an additional \$240 in art materials.</u>     |                     |             |           |          |      |                |      |              |     |     |              |
| ART 217-FA110   | PAINTING I          | Regular     | LCLB      | DLTA     | TR   | 3:00P - 5:55P  | S201 | 3            | 16  | 14  | 8/30 - 12/15 |
| <u>Note: Student must provide own tools. Minimum cost \$50.</u> |                     |             |           |          |      |                |      |              |     |     |              |
| ART 231-FA110   | CERAMICS I          | Regular     | LCLB      | DLTA     | MW   | 9:00A - 11:55A | S140 | 3            | 16  | 14  | 8/29 - 12/14 |
| ART 231-FA120   | CERAMICS I          | Regular     | LCLB      | DLTA     | TR   | 2:00P - 4:55P  | S139 | 3            | 16  | 17  | 8/30 - 12/15 |
| ART 255W-FA110  | CONTEMP ART HISTORY | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A | S105 | 3            | 20  | 15  | 8/31 - 12/14 |
| <u>Note: Requires an additional \$100 in materials.</u>         |                     |             |           |          |      |                |      |              |     |     |              |
| ART 271-FA110   | DIGITAL IMAGING I   | Regular     | LCLB      | DLTA     | MW   | 8:00A - 10:55A | S101 | 3            | 18  | 20  | 8/29 - 12/14 |
| ART 271-FA120   | DIGITAL IMAGING I   | Regular     | LCLB      | DLTA     | MW   | 12:00P - 2:55P | S101 | 3            | 18  | 18  | 8/29 - 12/14 |
| ART 271-FA310   | DIGITAL IMAGING I   | Regular     | LCLB      | DLTA     | MW   | 7:00P - 9:55P  | S101 | 3            | 18  | 18  | 8/29 - 12/14 |
| <u>Note: Requires an additional \$100 in materials.</u>         |                     |             |           |          |      |                |      |              |     |     |              |
| ART 276-FA110   | ELECTR PAGE DESIGN  | Regular     | LCLB      | DLTA     | TR   | 8:00A - 10:55A | S101 | 3            | 18  | 19  | 8/30 - 12/15 |
| <u>Note: Requires an additional \$100 in materials.</u>         |                     |             |           |          |      |                |      |              |     |     |              |
| ART 277-FA110   | ILLUSTRAT-DIGIMEDIA | Regular     | LCLB      | DLTA     | TR   | 11:00A - 1:55P | S101 | 3            | 18  | 14  | 8/30 - 12/15 |
| ART 279-FA110   | WEB PAGE DESIGN ART | Regular     | LCLB      | DLTA     | TR   | 3:00P - 5:55P  | S101 | 3            | 18  | 18  | 8/30 - 12/15 |
| <u>Note: Requires an additional \$100 in materials.</u>         |                     |             |           |          |      |                |      |              |     |     |              |
| ART 285-FA110   | DIGITAL ANIMATIN    | Regular     | LCLB      | DLTA     | MW   | 11:00A - 1:55P | A122 | 3            | 18  | 10  | 8/29 - 12/14 |
| ASL 111-FA110   | AM SIGN LANGUAGE I  | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A | S228 | 3            | 15  | 12  | 8/30 - 12/15 |
| ASL 111-FA120   | AM SIGN LANGUAGE I  | Regular     | LCLB      | DLTA     | TR   | 2:30P - 3:55P  | S056 | 3            | 15  | 16  | 8/30 - 12/15 |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name   | Title                | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|--|----------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|--------------|
| ASL 111-FA130  | AM SIGN LANGUAGE I   | Regular     | LCLB      | DLTA     | MW   | 12:30P - 1:55P  | S221 | 3            | 15  | 19  | 8/29 - 12/14 |
| ASL 111-FA140  | AM SIGN LANGUAGE I   | Regular     | LCLB      | DLTA     | MW   | 2:00P - 3:25P   | S225 | 3            | 15  | 18  | 8/29 - 12/14 |
| ASL 111-FA210  | AM SIGN LANGUAGE I   | Regular     | LCLB      | DLTA     | W    | 5:30P - 8:25P   | S260 | 3            | 15  | 16  | 8/31 - 12/14 |
| ASL 111-FA310  | AM SIGN LANGUAGE I   | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P   | S226 | 3            | 15  | 17  | 8/29 - 12/12 |
| <u>Note: Although not required, concurrent enrollment in AST 111 and 111L is recommended. One night of observing with telescopes is required.</u>  |                      |             |           |          |      |                 |      |              |     |     |              |
| AST 111-FA110  | INTRO ASTRONOMY      | Regular     | LCLB      | DCPL     | M    | 8:30A - 11:25A  | 221  | 3            | 25  | 24  | 8/29 - 12/12 |
| AST 111-FA120  | INTRO ASTRONOMY      | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | E119 | 3            | 25  | 22  | 8/30 - 12/15 |
| AST 111-FA130  | INTRO ASTRONOMY      | Regular     | LCLB      | DLTA     | TR   | 12:00P - 1:25P  | E118 | 3            | 25  | 24  | 8/30 - 12/15 |
| AST 111-FA210  | INTRO ASTRONOMY      | Regular     | LCLB      | DLTA     | T    | 4:30P - 5:55P   | E126 | 3            | 25  | 28  | 8/30 - 12/15 |
|  |                      | Regular     | LCLB      | DLTA     | R    | 4:30P - 5:55P   | E118 | 3            |     |     | 8/30 - 12/15 |
| AST 111-FA310  | INTRO ASTRONOMY      | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | E126 | 3            | 25  | 24  | 8/31 - 12/14 |
| BIO 130W-FA110   | INTRO BIOCHEM & CELL | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:55A   | C110 | 3            | 20  | 18  | 8/29 - 12/14 |
| BIO 130W-FA140   | INTRO BIOCHEM & CELL | Regular     | LCLB      | DLTA     | MW   | 2:00P - 3:55P   | C110 | 3            | 20  | 17  | 8/29 - 12/14 |
| CAD 120-FA510  | INTRODUCTION TO CAM  | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:55P | L117 | 3            | 8   | 8   | 8/30 - 12/15 |
| CAD 214-FA210  | CAD TECHNIQUES       | Regular     | LCLB      | DLTA     | M    | 5:00P - 7:55P   | M103 | 3            | 18  | 12  | 8/29 - 12/12 |
| CAD 226-FA110  | PARAMETRIC MODELING  | Regular     | LCLB      | DLTA     | T    | 9:00A - 10:55A  | M100 | 3            | 18  | 17  | 8/30 - 12/15 |
|  |                      | Regular     | LN2       | DLTA     | R    | 9:00A - 9:55A   | M103 | 3            |     |     | 8/30 - 12/15 |
| <u>Note: In-class projects will require additional cost to students of \$10-\$15.</u>  |                      |             |           |          |      |                 |      |              |     |     |              |
| CD 112W-FA110  | LEARNING CTR ACTIV   | Regular     | LCLB      | DLTA     | MW   | 8:30A - 9:55A   | F006 | 3            | 22  | 20  | 8/29 - 12/14 |
| <u>Note: Must attend informational meeting or will be dropped. Contact &lt;a href="mailto:jillharrison@delta.edu"&gt;Jill Harrison&lt;/a&gt; or 686-9051 or &lt;a href="http://www.delta.edu/socsci/informationalmeeting.aspx"&gt;Meet ing Information&lt;/a&gt;. Must take CD 111, 112, and 113 as prerequisites.</u> |                      |             |           |          |      |                 |      |              |     |     |              |
| CD 115PW-FA210   | PRESCHOOL PRACTICUM  | Regular     | LCLB      | DLTA     | R    | 4:30P - 5:55P   | F241 | 3            | 18  | 11  | 8/30 - 12/13 |
| CD 116W-FA110  | DIVERSITY CHILD ED   | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:25A | F006 | 3            | 25  | 22  | 8/29 - 12/14 |
| CJ 110W-FA110  | INTRO CRIM JUSTICE   | Regular     | LCLB      | DLTA     | T    | 8:00A - 10:55A  | F003 | 3            | 25  | 25  | 8/30 - 12/13 |
| CJ 110W-FA115  | INTRO CRIM JUSTICE   | Regular     | LCLB      | RICK     | MW   | 9:30A - 10:55A  | 112  | 3            | 25  | 21  | 8/29 - 12/14 |
| CJ 110W-FA120  | INTRO CRIM JUSTICE   | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | J140 | 3            | 25  | 22  | 8/29 - 12/12 |
| CJ 110W-FA130  | INTRO CRIM JUSTICE   | Regular     | LCLB      | DLTA     | TR   | 2:30P - 3:55P   | F003 | 3            | 25  | 26  | 8/30 - 12/15 |
| CJ 110W-FA220  | INTRO CRIM JUSTICE   | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P   | F007 | 3            | 25  | 23  | 8/31 - 12/14 |
| CJ 110W-FA230  | INTRO CRIM JUSTICE   | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P   | F251 | 3            | 25  | 25  | 9/1 - 12/15  |
| CJ 111W-FA110  | POLICE ADMINISTRATN  | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | M105 | 3            | 25  | 26  | 8/30 - 12/13 |
| CJ 111W-FA305  | POLICE ADMINISTRATN  | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P   | E116 | 3            | 25  | 26  | 9/1 - 12/15  |
| CJ 111W-FA310  | POLICE ADMINISTRATN  | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | F006 | 3            | 25  | 25  | 8/31 - 12/14 |
| CJ 112W-FA105  | POLICE OPERATIONS    | Regular     | LCLB      | DLTA     | M    | 9:00A - 11:55A  | C121 | 3            | 25  | 25  | 8/29 - 12/12 |
| CJ 112W-FA110  | POLICE OPERATIONS    | Regular     | LCLB      | DLTA     | W    | 2:00P - 4:55P   | F007 | 3            | 25  | 23  | 8/31 - 12/14 |
| CJ 112W-FA310  | POLICE OPERATIONS    | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | F006 | 3            | 25  | 26  | 8/30 - 12/13 |
| CJ 130W-FA110  | INTRO TO CORRECTIONS | Regular     | LCLB      | DCPL     | R    | 9:00A - 11:55A  | 212  | 3            | 25  | 24  | 9/1 - 12/15  |
| CJ 130W-FA120  | INTRO TO CORRECTIONS | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | F003 | 3            | 25  | 27  | 8/30 - 12/13 |
| CJ 130W-FA310  | INTRO TO CORRECTIONS | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P   | F007 | 3            | 25  | 25  | 8/29 - 12/12 |
| CJ 132W-FA110  | CLNT REL IN CORR     | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | J138 | 3            | 25  | 26  | 8/29 - 12/12 |
| CJ 132W-FA210  | CLNT REL IN CORR     | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P   | J133 | 3            | 25  | 20  | 9/1 - 12/15  |
| <u>Note: Mandatory attendance at first class. Students not attending first class will be dropped.</u>  |                      |             |           |          |      |                 |      |              |     |     |              |
| CJ 135W-FA110  | COR INST & FACILITY  | Regular     | LCLB      | DLTA     | T    | 8:00A - 10:55A  | E117 | 3            | 23  | 22  | 8/30 - 12/13 |
| CJ 135W-FA310  | COR INST & FACILITY  | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | E118 | 3            | 23  | 20  | 8/31 - 12/14 |
| CJ 182W-FA210  | INTRO TO SECURITY    | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P   | F004 | 3            | 25  | 24  | 8/31 - 12/14 |
| CJ 210W-FA310  | CRIMINAL INVESTIGAT  | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P   | S057 | 3            | 23  | 26  | 9/1 - 12/15  |
| CJ 210W-FA651  | CRIMINAL INVESTIGAT  | Regular     | LCLB      | DLTA     | TR   | 9:00A - 10:25A  | S105 | 3            | 60  | 47  | 8/30 - 12/15 |
|  |                      | Regular     |           | DLTA     |      | -               |      | 3            |     |     | -            |

Note: <b><font color=red>Learning Community course.</font></b>Must also register for ENG 111- FA651 & COM 112W-FA651. Click <a href="http://www.delta.edu/pages/972.aspx">LearningCommunities</a> for more information.

|               |                    |         |      |      |   |                |     |   |    |    |             |
|---------------|--------------------|---------|------|------|---|----------------|-----|---|----|----|-------------|
| CJ 215W-FA110 | INTRO HOMELAND SEC | Regular | LCLB | DCPL | R | 9:00A - 11:55A | 213 | 3 | 25 | 13 | 9/1 - 12/15 |
|---------------|--------------------|---------|------|------|---|----------------|-----|---|----|----|-------------|



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name    | Title                | Term Length | Inst Meth | Location | Days | Time           | Room | Credit Hours | Cap | Enr | Dates        |
|-----------------|----------------------|-------------|-----------|----------|------|----------------|------|--------------|-----|-----|--------------|
| CJ 220W-FA210   | CRIME LAB TECHNIQUE  | Regular     | LCLB      | DLTA     | M    | 5:00P - 8:55P  | E117 | 3            | 20  | 19  | 8/29 - 12/12 |
| CJ 220W-FA220   | CRIME LAB TECHNIQUE  | Regular     | LCLB      | DLTA     | W    | 5:00P - 8:55P  | E117 | 3            | 20  | 9   | 8/31 - 12/14 |
| CJ 233W-FA110   | CLNT GROWTH & DEVEL  | Regular     | LCLB      | DLTA     | M    | 9:00A - 11:55A | E117 | 3            | 25  | 23  | 8/29 - 12/12 |
| CJ 233W-FA310   | CLNT GROWTH & DEVEL  | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P  | F004 | 3            | 25  | 23  | 8/30 - 12/13 |
| CJ 237W-FA110   | JAILS & DETENTION    | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A | E117 | 3            | 23  | 23  | 8/31 - 12/14 |
| CJ 238W-FA310   | LEGAL ISSUES IN COR  | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P  | F006 | 3            | 25  | 18  | 8/29 - 12/12 |
| CJ 250-FA110    | THE JUVENILE OFFEND  | Regular     | LCLB      | DLTA     | R    | 11:00A - 1:55P | A124 | 3            | 25  | 25  | 9/1 - 12/15  |
| CJ 250-FA120    | THE JUVENILE OFFEND  | Regular     | LCLB      | DLTA     | T    | 3:00P - 5:55P  | A211 | 3            | 25  | 26  | 8/30 - 12/13 |
| CJ 250-FA310    | THE JUVENILE OFFEND  | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P  | A121 | 3            | 25  | 24  | 8/29 - 12/12 |
| CJ 250-FA320    | THE JUVENILE OFFEND  | Regular     | LCLB      | RICK     | R    | 6:00P - 8:55P  | 111  | 3            | 25  | 26  | 9/1 - 12/15  |
| CJ 270W-FA110   | EVIDENC/CRIMINAL PR  | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P  | S111 | 3            | 25  | 24  | 8/29 - 12/12 |
| CJ 270W-FA310   | EVIDENC/CRIMINAL PR  | Regular     | LCLB      | DLTA     | R    | 7:00P - 9:55P  | F007 | 3            | 25  | 16  | 9/1 - 12/15  |
| CJ 271W-FA110   | CRIMINAL LAW         | Regular     | LCLB      | DLTA     | F    | 9:00A - 11:55A | J133 | 3            | 25  | 26  | 9/2 - 12/16  |
| CJ 271W-FA310   | CRIMINAL LAW         | Regular     | LCLB      | DLTA     | T    | 7:00P - 9:55P  | F002 | 3            | 25  | 28  | 8/30 - 12/13 |
| CJ 275W-FA310   | PROBATION & PAROLE   | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P  | S263 | 3            | 25  | 21  | 9/1 - 12/15  |
| COM 112CW-FA645 | FUND OF ORAL COMNCTN | Regular     | LCLB      | DLTA     | MW   | 12:30P - 1:55P | S261 | 3            | 15  | 14  | 8/29 - 12/14 |

Note: <b><font color=red>Learning CommunityCourse.</font></b> Mustalso register for ENG 090 FA645,CST 091 FA645, CST 093645, CST 094 FA645, and MTH 092 FA645 and SSI 290W FA645. Click<ahref="http://www.delta.edu/pages/972.aspx">LearningCommunities</a> for more information.

|                 |                |         |      |      |   |               |      |   |    |    |              |
|-----------------|----------------|---------|------|------|---|---------------|------|---|----|----|--------------|
| COM 112HW-FA110 | HNRS ORAL COMM | Regular | LCLB | DLTA | M | 2:00P - 4:55P | S253 | 3 | 20 | 21 | 8/29 - 12/12 |
|-----------------|----------------|---------|------|------|---|---------------|------|---|----|----|--------------|

Note: Must qualify for the Honors Program to enroll in this course. Contact the Honors Program Office at 686-9091 or visit <http://www.delta.edu/honors> for details.

|                |                     |         |      |      |    |                 |      |   |    |    |              |
|----------------|---------------------|---------|------|------|----|-----------------|------|---|----|----|--------------|
| COM 112W-FA105 | FUND OF ORAL COMNCT | Regular | LCLB | DLTA | MW | 10:00A - 11:25A | S111 | 3 | 20 | 20 | 8/29 - 12/14 |
| COM 112W-FA110 | FUND OF ORAL COMNCT | Regular | LCLB | DLTA | MW | 8:30A - 9:55A   | S111 | 3 | 20 | 18 | 8/29 - 12/14 |
| COM 112W-FA115 | FUND OF ORAL COMNCT | Regular | LCLB | RICK | T  | 9:00A - 11:55A  | 148  | 3 | 20 | 19 | 8/30 - 12/13 |
| COM 112W-FA120 | FUND OF ORAL COMNCT | Regular | LCLB | DLTA | T  | 8:00A - 10:55A  | S111 | 3 | 20 | 22 | 8/30 - 12/13 |
| COM 112W-FA125 | FUND OF ORAL COMNCT | Regular | LCLB | DLTA | TR | 9:30A - 10:55A  | S113 | 3 | 20 | 20 | 8/30 - 12/15 |
| COM 112W-FA130 | FUND OF ORAL COMNCT | Regular | LCLB | DLTA | F  | 9:00A - 11:55A  | S111 | 3 | 20 | 14 | 9/2 - 12/16  |
| COM 112W-FA135 | FUND OF ORAL COMNCT | Regular | LCLB | DCPL | R  | 9:00A - 11:55A  | 221  | 3 | 20 | 21 | 9/1 - 12/15  |
| COM 112W-FA140 | FUND OF ORAL COMNCT | Regular | LCLB | DCMC | T  | 9:00A - 11:55A  | 104  | 3 | 20 | 19 | 8/30 - 12/13 |
| COM 112W-FA143 | FUND OF ORAL COMNCT | Regular | LCLB | DLTA | W  | 2:00P - 4:55P   | S111 | 3 | 20 | 21 | 8/31 - 12/14 |
| COM 112W-FA155 | FUND OF ORAL COMNCT | Regular | LCLB | DLTA | T  | 2:00P - 4:55P   | S113 | 3 | 20 | 18 | 8/30 - 12/13 |
| COM 112W-FA158 | FUND OF ORAL COMNCT | Regular | LCLB | DLTA | T  | 6:30P - 9:25P   | S111 | 3 | 20 | 21 | 8/30 - 12/13 |
| COM 112W-FA160 | FUND OF ORAL COMNCT | Regular | LCLB | DLTA | TR | 12:30P - 1:55P  | S111 | 3 | 20 | 21 | 8/30 - 12/15 |
| COM 112W-FA165 | FUND OF ORAL COMNCT | Regular | LCLB | DLTA | TR | 2:00P - 3:25P   | S111 | 3 | 20 | 19 | 8/30 - 12/15 |
| COM 112W-FA170 | FUND OF ORAL COMNCT | Regular | LCLB | DLTA | W  | 2:00P - 4:55P   | S113 | 3 | 20 | 18 | 8/31 - 12/14 |
| COM 112W-FA175 | FUND OF ORAL COMNCT | Regular | LCLB | DLTA | R  | 8:00A - 10:55A  | S111 | 3 | 20 | 19 | 9/1 - 12/15  |
| COM 112W-FA180 | FUND OF ORAL COMNCT | Regular | LCLB | DCMC | W  | 11:00A - 1:55P  | 154  | 3 | 20 | 19 | 8/31 - 12/14 |
| COM 112W-FA185 | FUND OF ORAL COMNCT | Regular | LCLB | DLTA | MW | 12:30P - 1:55P  | S111 | 3 | 20 | 20 | 8/29 - 12/14 |
| COM 112W-FA190 | FUND OF ORAL COMNCT | Regular | LCLB | DLTA | M  | 1:00P - 3:55P   | F005 | 3 | 20 | 20 | 8/29 - 12/12 |
| COM 112W-FA191 | FUND OF ORAL COMNCT | Regular | LCLB | DLTA | M  | 1:00P - 3:55P   | S264 | 3 | 20 | 18 | 8/29 - 12/12 |
| COM 112W-FA195 | FUND OF ORAL COMNCT | Regular | LCLB | DLTA | M  | 9:00A - 11:55A  | S113 | 3 | 20 | 18 | 8/29 - 12/12 |
| COM 112W-FA196 | FUND OF ORAL COMNCT | Regular | LCLB | DLTA | R  | 2:00P - 4:55P   | S113 | 3 | 20 | 18 | 9/1 - 12/15  |
| COM 112W-FA305 | FUND OF ORAL COMNCT | Regular | LCLB | DLTA | R  | 6:30P - 9:25P   | S111 | 3 | 20 | 19 | 9/1 - 12/15  |
| COM 112W-FA330 | FUND OF ORAL COMNCT | Regular | LCLB | RICK | M  | 6:30P - 9:25P   | 111  | 3 | 20 | 23 | 8/29 - 12/12 |
| COM 112W-FA651 | FUND OF ORAL COMNCT | Regular | LCLB | DLTA | TR | 12:30P - 1:55P  | S105 | 3 | 60 | 47 | 8/30 - 12/15 |
|                |                     | Regular |      | DLTA |    | -               |      | 3 |    |    | -            |

Note: <b><font color=red>Learning Community.</font></b> Mustalso register for: CJ 210W-FA651,ENG 111B-FA651. Click <ahref="http://www.delta.edu/pages/972.aspx">Learning Communities</a>for more information.

|                |                     |         |      |      |    |                |      |   |    |    |              |
|----------------|---------------------|---------|------|------|----|----------------|------|---|----|----|--------------|
| COM 114W-FA105 | INTERPRSNL COMMUNCT | Regular | LCLB | DLTA | R  | 8:00A - 10:55A | S266 | 3 | 22 | 20 | 9/1 - 12/15  |
| COM 114W-FA107 | INTERPRSNL COMMUNCT | Regular | LCLB | DLTA | MW | 8:30A - 9:55A  | S221 | 3 | 22 | 20 | 8/29 - 12/14 |
| COM 114W-FA110 | INTERPRSNL COMMUNCT | Regular | LCLB | DLTA | R  | 8:00A - 10:55A | S264 | 3 | 20 | 20 | 9/1 - 12/15  |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name  | Title                | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|---|----------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|--------------|
| This course is reserved for students in the ASEP Program.   |                      |             |           |          |      |                 |      |              |     |     |              |
| COM 114W-FA115  | INTERPRSNL COMMUNCT  | Regular     | LCLB      | DLTA     | T    | 8:00A - 10:55A  | S041 | 3            | 22  | 22  | 8/30 - 12/13 |
| COM 114W-FA120  | INTERPRSNL COMMUNCT  | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A  | N208 | 3            | 22  | 22  | 8/31 - 12/14 |
| COM 114W-FA125  | INTERPRSNL COMMUNCT  | Regular     | LCLB      | DCMC     | F    | 9:00A - 11:55A  | 153  | 3            | 22  | 19  | 9/2 - 12/16  |
| COM 114W-FA135  | INTERPRSNL COMMUNCT  | Regular     | LCLB      | DLTA     | T    | 2:00P - 4:55P   | N202 | 3            | 22  | 22  | 8/30 - 12/13 |
| COM 114W-FA140  | INTERPRSNL COMMUNCT  | Regular     | LCLB      | DLTA     | M    | 9:00A - 11:55A  | N208 | 3            | 22  | 22  | 8/29 - 12/12 |
| COM 114W-FA145  | INTERPRSNL COMMUNCT  | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | N202 | 3            | 22  | 21  | 8/30 - 12/13 |
| COM 114W-FA150  | INTERPRSNL COMMUNCT  | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:25P  | S113 | 3            | 22  | 22  | 8/29 - 12/14 |
| COM 114W-FA155  | INTERPRSNL COMMUNCT  | Regular     | LCLB      | DLTA     | R    | 11:00A - 1:55P  | S113 | 3            | 22  | 23  | 9/1 - 12/15  |
| COM 114W-FA160  | INTERPRSNL COMMUNCT  | Regular     | LCLB      | DCMC     | M    | 12:00P - 2:55P  | 201  | 3            | 19  | 19  | 8/29 - 12/12 |
| COM 114W-FA165  | INTERPRSNL COMMUNCT  | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P   | S263 | 3            | 22  | 22  | 8/31 - 12/14 |
| COM 114W-FA170  | INTERPRSNL COMMUNCT  | Regular     | LCLB      | DLTA     | M    | 1:00P - 3:55P   | S055 | 3            | 22  | 23  | 8/29 - 12/12 |
| COM 114W-FA175  | INTERPRSNL COMMUNCT  | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:25A | F004 | 3            | 22  | 22  | 8/29 - 12/14 |
| COM 114W-FA320  | INTERPRSNL COMMUNCT  | Regular     | LCLB      | DCMC     | T    | 6:30P - 9:25P   | 153  | 3            | 22  | 19  | 8/30 - 12/13 |
| COM 114W-FA330  | INTERPRSNL COMMUNCT  | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P   | S113 | 3            | 22  | 22  | 8/29 - 12/12 |
| COM 114W-FA340  | INTERPRSNL COMMUNCT  | Regular     | LCLB      | DCPL     | R    | 6:00P - 8:55P   | 221  | 3            | 22  | 20  | 9/1 - 12/15  |
| COM 114W-FA653  | INTERPRSNL COMMUNCT  | Regular     | LCLB      | DLTA     | T    | 1:00P - 2:25P   | S125 | 3            | 36  | 36  | 8/30 - 12/15 |
|   |                      | Regular     | LCLB      | DLTA     | R    | 12:30P - 1:55P  | S125 | 3            |     |     | 8/30 - 12/15 |
| Note: <b><font color=red>Learning Community Course.</font></b>Must also register for ENG 098-FA653 and SSI 290W-FA653. Click <a href="http://www.delta.edu/pages/972.aspx">Learning Communities</a> for more information. |                      |             |           |          |      |                 |      |              |     |     |              |
| COM 114W-FA675  | INTERPRSNL COMMUNCT  | Regular     | LCLB      | RICK     | MW   | 9:00A - 10:25A  | 113  | 3            | 18  | 19  | 8/29 - 12/14 |
| Note: Learning Community course. Student must enroll in ENG097-FA675 and SSI 290W-FA675.  |                      |             |           |          |      |                 |      |              |     |     |              |
| COM 202W-FA120  | ORAL COMM FOR MANGR  | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | S113 | 3            | 20  | 20  | 8/30 - 12/13 |
| COM 202W-FA125  | ORAL COMM FOR MANGR  | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A  | S113 | 3            | 20  | 17  | 8/31 - 12/14 |
| COM 202W-FA130  | ORAL COMM FOR MANGR  | Regular     | LCLB      | DLTA     | R    | 2:00P - 4:55P   | S220 | 3            | 20  | 24  | 9/1 - 12/15  |
| COM 214-FA110   | SMALL GROUP COMMUN   | Regular     | LCLB      | DLTA     | R    | 8:00A - 10:55A  | S041 | 3            | 20  | 19  | 9/1 - 12/15  |
| COM 215W-FA110  | INTRO TO THEATRE     | Regular     | LCLB      | DLTA     | T    | 1:00P - 3:55P   | G160 | 3            | 20  | 19  | 8/30 - 12/13 |
| COM 222-FA110   | INTRO TO ACTING      | Regular     | LCLB      | DLTA     | R    | 2:00P - 4:55P   | G160 | 3            | 20  | 20  | 9/1 - 12/15  |
| <u>Note: Required software is Office 2010.</u>  |                      |             |           |          |      |                 |      |              |     |     |              |
| CST 134-FA310   | MS OFFICE/BUS SYS    | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | K107 | 3            | 18  | 17  | 8/30 - 12/13 |
| CST 134-FA320   | MS OFFICE/BUS SYS    | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | K107 | 3            | 18  | 19  | 8/31 - 12/14 |
| <u>Note: Required software is Office 2010.</u>  |                      |             |           |          |      |                 |      |              |     |     |              |
| CST 155-FA110   | MICROSOFT EXCEL      | Regular     | LCLB      | DLTA     | MW   | 2:00P - 3:25P   | K111 | 3            | 18  | 19  | 8/29 - 12/14 |
| CST 155-FA210   | MICROSOFT EXCEL      | Regular     | LCLB      | DLTA     | T    | 4:00P - 6:55P   | M100 | 3            | 18  | 17  | 8/30 - 12/13 |
| CST 156-FA110   | WIRELESS SECURITY    | Regular     | LCLB      | DLTA     | M    | 9:00A - 11:55A  | K105 | 3            | 18  | 7   | 8/29 - 12/12 |
| CST 161-FA110   | NETWORK FUNDAMENTAL  | Regular     | LCLB      | DLTA     | T    | 1:00P - 3:55P   | K105 | 3            | 18  | 18  | 8/30 - 12/13 |
| CST 161-FA120   | NETWORK FUNDAMENTAL  | Regular     | LCLB      | DLTA     | M    | 12:00P - 2:55P  | K105 | 3            | 18  | 17  | 8/29 - 12/12 |
| CST 161-FA130   | NETWORK FUNDAMENTAL  | Regular     | LCLB      | DLTA     | T    | 9:00A - 11:55A  | K105 | 3            | 18  | 17  | 8/30 - 12/13 |
| CST 164-FA110   | LAN SWITCHING        | Regular     | LCLB      | DLTA     | T    | 4:00P - 6:55P   | K105 | 3            | 18  | 17  | 8/30 - 12/13 |
| CST 165-FA110   | LINUX NETWORKING I   | Regular     | LCLB      | DLTA     | R    | 9:00A - 11:55A  | K105 | 3            | 18  | 15  | 9/1 - 12/15  |
| CST 235-FA310   | SYSTEM ANAL & DESIGN | Regular     | LCLB      | DLTA     | R    | 7:00P - 9:55P   | E112 | 3            | 18  | 19  | 9/1 - 12/15  |
| <u>Note: Required software is Office 2010.</u>  |                      |             |           |          |      |                 |      |              |     |     |              |
| CST 257-FA310   | DATABASE MS ACCESS   | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | A125 | 3            | 18  | 17  | 8/30 - 12/13 |
| CST 260-FA110   | ROUTING PROTOCOLS    | Regular     | LCLB      | DLTA     | W    | 8:00A - 10:55A  | K105 | 3            | 18  | 16  | 8/31 - 12/14 |
| CST 264-FA110   | ACCESSING THE WAN    | Regular     | LCLB      | DLTA     | W    | 11:00A - 1:55P  | K105 | 3            | 18  | 10  | 8/31 - 12/14 |
| CST 265-FA110   | LINUX NETWORKING II  | Regular     | LCLB      | DLTA     | R    | 1:00P - 3:55P   | K105 | 3            | 18  | 12  | 9/1 - 12/15  |
| DA 110-FA110  | CLINICAL DA I        | Regular     | LCLB      | DLTA     | T    | 9:00A - 11:55A  | F111 | 3            | 20  | 21  | 8/30 - 12/13 |
| DH 116-FA110  | PREVENTIVE NUTRIT    | Regular     | LCLB      | DLTA     | F    | 12:00P - 3:15P  | F240 | 3            | 18  | 18  | 9/2 - 12/16  |
| DH 118-FA110  | HEAD & NECK ANATOMY  | Regular     | LCLB      | DLTA     | W    | 1:00P - 2:55P   | F111 | 3            | 18  | 18  | 8/31 - 12/16 |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name  | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates         |
|---|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|---------------|
| DH 118-FA110  |                     | Regular     | LN2       | DLTA     | F    | 8:00A - 10:55A  | F111 | 3            |     |     | 8/31 - 12/16  |
| DH 213-FA110  | ORAL PATHOLOGY      | Regular     | LCLB      | DLTA     | M    | 8:00A - 10:55A  | L106 | 3            | 18  | 16  | 8/29 - 11/7   |
|   |                     | Regular     | LN2       | DLTA     | T    | 8:00A - 10:55A  | F251 | 3            |     |     | 11/15 - 12/13 |
| The class will meet on Monday the first 10 weeks and the last 5 weeks on Tuesday.   |                     |             |           |          |      |                 |      |              |     |     |               |
| DMS 201-FA110   | INTR NEUR/VASC SONO | Regular     | LCLB      | DLTA     | M    | 9:00A - 11:55A  | F269 | 3            | 14  | 12  | 8/29 - 12/12  |
| <u>Note: DRF 105: Drafting Equipment Required</u>   |                     |             |           |          |      |                 |      |              |     |     |               |
| DRF 105-FA310   | BEGIN MECH DESIGN   | Regular     | LCLB      | DLTA     | TR   | 6:00P - 8:55P   | M103 | 3            | 18  | 15  | 8/30 - 12/15  |
| DRF 121-FA310   | BLUEPRINT READING   | Regular     | LCLB      | DLTA     | M    | 7:00P - 9:55P   | N204 | 3            | 18  | 17  | 8/29 - 12/12  |
| <u>Note: Requires 90 hours of field work in an area K-12 classroom.</u>   |                     |             |           |          |      |                 |      |              |     |     |               |
| ED 200AW-FA220  | EXPL TEACH (ELEM)   | Regular     | LCLB      | DLTA     | T    | 4:00P - 5:55P   | S264 | 3            | 10  | 10  | 8/30 - 12/13  |
| <u>Note: Requires 90 hours of field work in an area K-12 classroom.</u>   |                     |             |           |          |      |                 |      |              |     |     |               |
| ED 200BW-FA220  | EXPL TEACH (SECON)  | Regular     | LCLB      | DLTA     | T    | 4:00P - 5:55P   | S264 | 3            | 10  | 10  | 8/30 - 12/13  |
| ED 201W-FA310   | EDUC EXCEPTNL CHILD | Regular     | LCLB      | DLTA     | M    | 5:00P - 7:55P   | F251 | 3            | 25  | 25  | 8/29 - 12/12  |
| <u>Note: This course will use online resources requiring an accesscode (included in the textbook price at the Delta CollegeBookstore). Purchasing textbooks elsewhere may require purchaseof an individual access code through the publisher.</u> |                     |             |           |          |      |                 |      |              |     |     |               |
| <u>Note:Currently available to newly-hired full-time faculty by permission of instructor. It meets face to face but has a blended format that includes online discussion and resources.</u>   |                     |             |           |          |      |                 |      |              |     |     |               |
| EDU 390W-FA100  | BEST PRACTICES      | Regular     | LCLB      | DLTA     | W    | 2:00P - 4:55P   | E112 | 3            | 15  | 15  | 9/28 - 9/28   |
|   |                     | Regular     | LN2       | DLTA     | W    | 2:00P - 4:55P   | E112 | 3            |     |     | 10/26 - 10/26 |
|   |                     | Regular     | LN2       | DLTA     | W    | 2:00P - 4:55P   | E112 | 3            |     |     | 11/16 - 11/16 |
|   |                     | Regular     | LN2       | DLTA     | W    | 2:00P - 4:55P   | E112 | 3            |     |     | 12/14 - 12/14 |
|   |                     | Regular     | LN2       | DLTA     | W    | 2:00P - 4:55P   | J136 | 3            |     |     | 1/18 - 1/18   |
|   |                     | Regular     | LN2       | DLTA     | W    | 2:00P - 4:55P   | J136 | 3            |     |     | 2/29 - 2/29   |
|   |                     | Regular     | LN2       | DLTA     | W    | 2:00P - 4:55P   | J136 | 3            |     |     | 3/21 - 3/21   |
|   |                     | Regular     | LN2       | DLTA     | W    | 2:00P - 4:55P   | J136 | 3            |     |     | 4/18 - 4/18   |
| EDU 390W-FA110  | BEST PRACTICES      | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | G163 | 3            | 15  | 15  | 8/17 - 4/29   |
|   |                     | Regular     |           | DLTA     |      | -               |      | 3            |     |     | -             |
| <u>Note: Students will be required to purchase lab kits</u>   |                     |             |           |          |      |                 |      |              |     |     |               |
| EET 235-FA110   | ELECT CIRCUITS      | Regular     | LCLB      | DLTA     | TR   | 4:00P - 5:55P   | N208 | 3            | 18  | 16  | 8/30 - 12/15  |
| EMB 151-FA210   | MEDIA PRODUCTION I  | Regular     | LCLB      | DLTA     | TR   | 3:00P - 4:55P   | A035 | 3            | 18  | 17  | 8/30 - 12/15  |
| EMB 151-FA654   | MEDIA PRODUCTION I  | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:55P | A035 | 3            | 18  | 17  | 8/30 - 12/15  |
| Learning Community course. Student must also register forENG-111 FA654.   |                     |             |           |          |      |                 |      |              |     |     |               |
| EMB 153-FA210   | BRDCAST PERFORMANCE | Regular     | LCLB      | DLTA     | MW   | 5:00P - 6:55P   | A035 | 3            | 20  | 20  | 8/29 - 12/14  |
| EMB 175W-FA110  | GENRES IN FILM HIST | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | G160 | 3            | 25  | 26  | 8/29 - 12/12  |
| ENG 097W-FA112  | ACADEMIC READING    | Regular     | LCLB      | DLTA     | MW   | 8:30A - 9:55A   | L114 | 3            | 18  | 17  | 8/29 - 12/14  |
| ENG 097W-FA115  | ACADEMIC READING    | Regular     | LCLB      | DLTA     | MW   | 10:30A - 11:55A | L114 | 3            | 18  | 19  | 8/29 - 12/14  |
| ENG 097W-FA140  | ACADEMIC READING    | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:25A | S057 | 3            | 18  | 14  | 8/29 - 12/14  |
| ENG 097W-FA150  | ACADEMIC READING    | Regular     | LCLB      | DLTA     | TR   | 12:30P - 1:55P  | S056 | 3            | 18  | 20  | 8/30 - 12/15  |
| ENG 097W-FA155  | ACADEMIC READING    | Regular     | LCLB      | DLTA     | TR   | 12:30P - 1:55P  | S057 | 3            | 19  | 19  | 8/30 - 12/15  |
| ENG 097W-FA160  | ACADEMIC READING    | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | S038 | 3            | 18  | 18  | 8/29 - 12/19  |
| ENG 097W-FA165  | ACADEMIC READING    | Regular     | LCLB      | DLTA     | W    | 2:00P - 4:55P   | S038 | 3            | 18  | 18  | 8/31 - 12/14  |
| ENG 097W-FA205  | ACADEMIC READING    | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P   | S055 | 3            | 18  | 18  | 8/31 - 12/14  |
| ENG 097W-FA210  | ACADEMIC READING    | Regular     | LCLB      | DLTA     | MW   | 5:00P - 6:25P   | S034 | 3            | 18  | 20  | 8/29 - 12/14  |
| ENG 097W-FA230  | ACADEMIC READING    | Regular     | LCLB      | DLTA     | MW   | 5:00P - 6:25P   | S035 | 3            | 18  | 18  | 8/29 - 12/14  |
| ENG 097W-FA240  | ACADEMIC READING    | Regular     | LCLB      | DLTA     | TR   | 4:00P - 5:25P   | S258 | 3            | 18  | 16  | 8/30 - 12/15  |
| ENG 097W-FA310  | ACADEMIC READING    | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P   | S038 | 3            | 18  | 16  | 9/1 - 12/15   |
| ENG 097W-FA315  | ACADEMIC READING    | Regular     | LCLB      | DLTA     | M    | 7:00P - 9:55P   | S036 | 3            | 18  | 22  | 8/29 - 12/12  |
| ENG 097W-FA320  | ACADEMIC READING    | Regular     | LCLB      | DLTA     | W    | 7:00P - 9:55P   | S036 | 3            | 18  | 20  | 8/31 - 12/14  |
| ENG 097W-FA651  | ACADEMIC READING    | Regular     | LCLB      | DLTA     | TR   | 8:00A - 9:25A   | S034 | 3            | 18  | 16  | 8/30 - 12/15  |
| ENG 097W-FA652  | ACADEMIC READING    | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:25P | S224 | 3            | 18  | 16  | 8/30 - 12/15  |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name  | Title             | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|---|-------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|--------------|
| Note: <b>Learning Community Course.</b> Student must also enroll in ENG 098 FA652, PSY 211W FA652 and SSI 290 FA652. Click <a href="http://www.delta.edu/pages/972.aspx">http://www.delta.edu/pages/972.aspx</a> Learning Communities for more information.   |                   |             |           |          |      |                 |      |              |     |     |              |
| ENG 097W-FA653  | ACADEMIC READING  | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A  | G163 | 3            | 18  | 16  | 8/31 - 12/14 |
| Note: <b>Learning Community Course.</b> Student must also enroll in ENG 111-FA653. Click <a href="http://www.delta.edu/pages/972.aspx">http://www.delta.edu/pages/972.aspx</a> Learning Communities for more information.                                     |                   |             |           |          |      |                 |      |              |     |     |              |
| ENG 097W-FA654  | ACADEMIC READING  | Regular     | LCLB      | RICK     | TR   | 10:30A - 11:55A | 111  | 3            | 18  | 18  | 8/30 - 12/15 |
| Note: <b>Learning Community Course.</b> Student must also enroll in ENG 098 FA654. Click <a href="http://www.delta.edu/pages/972.aspx">http://www.delta.edu/pages/972.aspx</a> Learning Communities for more information.                                     |                   |             |           |          |      |                 |      |              |     |     |              |
| ENG 097W-FA675  | ACADEMIC READING  | Regular     | LCLB      | RICK     | MW   | 11:00A - 12:25P | 113  | 3            | 18  | 19  | 8/29 - 12/14 |
| Note: <b>Learning Community Course.</b> Student must also enroll in COM 114W-FA675 and SSI 290W-FA675. Click <a href="http://www.delta.edu/pages/972.aspx">http://www.delta.edu/pages/972.aspx</a> Learning Communities for more information.                 |                   |             |           |          |      |                 |      |              |     |     |              |
| ENG 098-FA110   | PREP COLL WRITING | Regular     | LCLB      | DLTA     | TR   | 8:00A - 9:25A   | S056 | 3            | 15  | 14  | 8/30 - 12/15 |
| ENG 098-FA112   | PREP COLL WRITING | Regular     | LCLB      | DLTA     | TR   | 8:00A - 9:25A   | S057 | 3            | 15  | 15  | 8/30 - 12/15 |
| ENG 098-FA113   | PREP COLL WRITING | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:25A   | S058 | 3            | 15  | 15  | 8/29 - 12/14 |
| ENG 098-FA115   | PREP COLL WRITING | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:25A   | A121 | 3            | 20  | 22  | 8/29 - 12/14 |
| ENG 098-FA117   | PREP COLL WRITING | Regular     | LCLB      | DLTA     | F    | 9:00A - 11:55A  | S035 | 3            | 18  | 18  | 9/2 - 12/16  |
| ENG 098-FA122   | PREP COLL WRITING | Regular     | LCLB      | DLTA     | M    | 10:00A - 11:25A | S224 | 3            | 15  | 15  | 8/29 - 12/14 |
|   |                   | Regular     | LN2       | DLTA     | W    | 10:00A - 11:25A | K114 | 3            |     |     | 8/29 - 12/14 |
| ENG 098-FA125   | PREP COLL WRITING | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | S056 | 3            | 15  | 17  | 8/30 - 12/15 |
| ENG 098-FA130   | PREP COLL WRITING | Regular     | LCLB      | DLTA     | MW   | 10:30A - 11:55A | S260 | 3            | 18  | 14  | 8/29 - 12/14 |
| ENG 098-FA150   | PREP COLL WRITING | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:25P  | S041 | 3            | 15  | 18  | 8/29 - 12/14 |
| ENG 098-FA155   | PREP COLL WRITING | Regular     | LCLB      | DLTA     | M    | 2:00P - 3:25P   | S039 | 3            | 18  | 17  | 8/29 - 12/14 |
|   |                   | Regular     | LN2       | DLTA     | W    | 2:00P - 3:25P   | A123 | 3            |     |     | 8/29 - 12/14 |
| ENG 098-FA160   | PREP COLL WRITING | Regular     | LCLB      | RICK     | TR   | 2:00P - 3:25P   | 114  | 3            | 15  | 15  | 8/30 - 12/15 |
| ENG 098-FA170   | PREP COLL WRITING | Regular     | LCLB      | DLTA     | TR   | 4:00P - 5:25P   | S059 | 3            | 15  | 18  | 8/30 - 12/15 |
| ENG 098-FA305   | PREP COLL WRITING | Regular     | LCLB      | DLTA     | M    | 5:00P - 6:25P   | A124 | 3            | 18  | 19  | 8/29 - 12/14 |
|   |                   | Regular     | LN2       | DLTA     | W    | 5:00P - 6:25P   | A124 | 3            |     |     | 8/29 - 12/14 |
| ENG 098-FA310   | PREP COLL WRITING | Regular     | LCLB      | DLTA     | TR   | 7:00P - 8:25P   | S036 | 3            | 18  | 19  | 8/30 - 12/15 |
| ENG 098-FA652   | PREP COLL WRITING | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | S224 | 3            | 18  | 16  | 8/30 - 12/15 |
| Note: <b>Learning Community Course.</b> Student must also enroll in ENG097W-FA652, PSY 211-WFA652, and SSI 290W-FA652. Click <a href="http://www.delta.edu/pages/972.aspx">http://www.delta.edu/pages/972.aspx</a> Learning Communities for more information. |                   |             |           |          |      |                 |      |              |     |     |              |
| ENG 098-FA653   | PREP COLL WRITING | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:25P | S125 | 3            | 36  | 36  | 8/30 - 12/15 |
| Note: <b>Learning Community Course.</b> Student must also enroll in COM 114WFA-653 and SSI 290W-FA653. Click <a href="http://www.delta.edu/pages/972.aspx">http://www.delta.edu/pages/972.aspx</a> Learning Communities for more information.                 |                   |             |           |          |      |                 |      |              |     |     |              |
| ENG 098-FA654   | PREP COLL WRITING | Regular     | LCLB      | RICK     | TR   | 9:00A - 10:25A  | 111  | 3            | 18  | 18  | 8/30 - 12/15 |
| Note: <b>Learning Community Course.</b> Student must also enroll in ENG 097W FA654. Click <a href="http://www.delta.edu/pages/972.aspx">http://www.delta.edu/pages/972.aspx</a> Learning Communities for more information.                                    |                   |             |           |          |      |                 |      |              |     |     |              |
| ENG 111-FA102   | COLLEGE COMP I    | Regular     | LCLB      | DCMC     | MW   | 8:00A - 9:55A   | 103  | 3            | 20  | 20  | 8/29 - 12/14 |
| ENG 111-FA104   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:55A   | S036 | 3            | 20  | 19  | 8/29 - 12/14 |
| ENG 111-FA106   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:55A   | S037 | 3            | 20  | 21  | 8/29 - 12/14 |
| ENG 111-FA108   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | TR   | 8:00A - 9:55A   | S035 | 3            | 20  | 20  | 8/30 - 12/15 |
| ENG 111-FA110   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | TR   | 8:00A - 9:55A   | S125 | 3            | 20  | 22  | 9/1 - 12/15  |
| Note: Course theme: The Glory of Dogs. The writing and reading in this course revolves around the topic of canines.   |                   |             |           |          |      |                 |      |              |     |     |              |
| ENG 111-FA112   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | W    | 8:00A - 11:55A  | A123 | 3            | 21  | 18  | 8/31 - 12/14 |
| ENG 111-FA114   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | T    | 8:00A - 11:55A  | S258 | 3            | 20  | 19  | 8/30 - 12/13 |
| ENG 111-FA116   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | M    | 8:00A - 11:55A  | S055 | 3            | 20  | 20  | 8/29 - 12/12 |
| ENG 111-FA118   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | TR   | 8:00A - 9:55A   | S263 | 3            | 20  | 18  | 8/30 - 12/13 |
| ENG 111-FA120   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | W    | 8:00A - 9:55A   | K104 | 3            | 20  | 19  | 8/31 - 12/14 |
|   |                   | Regular     | LN2       | DLTA     | W    | 10:00A - 11:55A | S224 | 3            |     |     | 8/31 - 12/14 |
| ENG 111-FA122   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:55A   | S038 | 3            | 20  | 20  | 8/29 - 12/14 |
| ENG 111-FA123   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | M    | 8:00A - 11:55A  | S264 | 3            | 20  | 19  | 8/29 - 12/12 |
| ENG 111-FA124   | COLLEGE COMP I    | Regular     | LCLB      | DCMC     | R    | 8:00A - 11:55A  | 156  | 3            | 20  | 18  | 9/1 - 12/15  |
| ENG 111-FA126   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | M    | 12:00P - 3:55P  | A124 | 3            | 20  | 20  | 8/29 - 12/12 |
| ENG 111-FA127   | COLLEGE COMP I    | Regular     | LCLB      | OTHR     | TR   | 8:30A - 10:25A  | HATC | 3            | 0   | 21  | 9/6 - 12/15  |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name                            | Title          | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|---|----------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|--------------|
| ENG 111-FA128                           | COLLEGE COMP I | Regular     | LCLB      | DLTA     | W    | 8:00A - 11:55A  | S261 | 3            | 20  | 19  | 8/31 - 12/14 |
| ENG 111-FA129                           | COLLEGE COMP I | Regular     | LCLB      | OTHR     | TR   | 12:15P - 2:15P  | TBA  | 3            | 0   | 21  | 9/8 - 12/15  |
| ENG 111-FA130                           | COLLEGE COMP I | Regular     | LCLB      | OTHR     | TR   | 12:15P - 2:10P  | HATC | 3            | 20  | 20  | 9/6 - 12/18  |
| ENG 111-FA131                           | COLLEGE COMP I | Regular     | LCLB      | OTHR     | MW   | 8:30A - 10:25A  | HATC | 3            | 0   | 12  | 9/7 - 12/14  |
| ENG 111-FA134                           | COLLEGE COMP I | Regular     | LCLB      | DLTA     | T    | 9:00A - 10:55A  | S036 | 3            | 20  | 19  | 8/30 - 9/20  |
|   |                | Regular     | LN2       | DLTA     | R    | 9:00A - 10:55A  | A124 | 3            |     |     | 8/30 - 12/15 |
|   |                | Regular     | LN2       | DLTA     | T    | 9:00A - 10:55A  | A123 | 3            |     |     | 9/27 - 12/13 |
| ENG 111-FA135                           | COLLEGE COMP I | Regular     | LCLB      | DLTA     | W    | 12:00P - 3:55P  | S263 | 3            | 20  | 22  | 8/31 - 12/14 |
| ENG 111-FA136                           | COLLEGE COMP I | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | S036 | 3            | 20  | 20  | 8/29 - 12/14 |
| ENG 111-FA138                           | COLLEGE COMP I | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | S037 | 3            | 20  | 22  | 8/29 - 12/14 |
| ENG 111-FA140                           | COLLEGE COMP I | Regular     | LCLB      | DCMC     | F    | 10:30A - 2:25P  | 155  | 3            | 20  | 19  | 9/2 - 12/16  |
| ENG 111-FA142                           | COLLEGE COMP I | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | S036 | 3            | 20  | 22  | 8/29 - 12/14 |
| ENG 111-FA144                           | COLLEGE COMP I | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:55P | S038 | 3            | 20  | 19  | 8/30 - 12/15 |
| ENG 111-FA146                           | COLLEGE COMP I | Regular     | LCLB      | DLTA     | T    | 2:00P - 5:55P   | S228 | 3            | 20  | 21  | 8/30 - 12/13 |
| ENG 111-FA147                           | COLLEGE COMP I | Regular     | LCLB      | DLTA     | T    | 2:00P - 5:55P   | S253 | 3            | 20  | 18  | 8/30 - 12/13 |
| ENG 111-FA148                           | COLLEGE COMP I | Regular     | LCLB      | DCPL     | M    | 1:00P - 4:55P   | 217  | 3            | 20  | 21  | 8/29 - 12/12 |
| ENG 111-FA150                           | COLLEGE COMP I | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | S040 | 3            | 20  | 22  | 8/29 - 12/14 |
| Course Theme: "Writing on Pop Culture." |                |             |           |          |      |                 |      |              |     |     |              |
| ENG 111-FA152                           | COLLEGE COMP I | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:55P | S040 | 3            | 20  | 18  | 8/30 - 12/15 |
| ENG 111-FA153                           | COLLEGE COMP I | Regular     | LCLB      | OTHR     | WF   | 1:00P - 2:55P   | TBA  | 3            | 0   | 14  | 8/29 - 12/14 |
| ENG 111-FA154                           | COLLEGE COMP I | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | S037 | 3            | 20  | 21  | 8/29 - 12/14 |
| ENG 111-FA155                           | COLLEGE COMP I | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:55P | S054 | 3            | 20  | 19  | 8/30 - 12/15 |
| Course Theme: "Writing on Pop Culture." |                |             |           |          |      |                 |      |              |     |     |              |
| ENG 111-FA156                           | COLLEGE COMP I | Regular     | LCLB      | DCPL     | TR   | 12:00P - 1:55P  | 117  | 3            | 20  | 20  | 8/30 - 12/15 |
| ENG 111-FA158                           | COLLEGE COMP I | Regular     | LCLB      | DLTA     | MW   | 2:00P - 3:55P   | A121 | 3            | 20  | 21  | 8/29 - 12/14 |
| ENG 111-FA160                           | COLLEGE COMP I | Regular     | LCLB      | DCPL     | W    | 1:00P - 2:55P   | 221  | 3            | 20  | 21  | 8/31 - 12/14 |
|   |                | Regular     | LN2       | DCPL     | W    | 3:00P - 4:55P   | 117  | 3            |     |     | 8/31 - 12/14 |
| ENG 111-FA162                           | COLLEGE COMP I | Regular     | LCLB      | DLTA     | W    | 1:00P - 4:55P   | A124 | 3            | 20  | 20  | 8/31 - 12/14 |
| ENG 111-FA164                           | COLLEGE COMP I | Regular     | LCLB      | DLTA     | R    | 2:00P - 5:55P   | S264 | 3            | 20  | 19  | 9/1 - 12/15  |
| ENG 111-FA165                           | COLLEGE COMP I | Regular     | LCLB      | DLTA     | R    | 2:00P - 5:55P   | S228 | 3            | 20  | 19  | 9/1 - 12/15  |
| ENG 111-FA166                           | COLLEGE COMP I | Regular     | LCLB      | DLTA     | M    | 5:00P - 8:55P   | S054 | 3            | 20  | 20  | 8/29 - 12/12 |
| ENG 111-FA167                           | COLLEGE COMP I | Regular     | LCLB      | DLTA     | MW   | 2:00P - 3:55P   | S034 | 3            | 20  | 19  | 8/29 - 12/14 |
| ENG 111-FA168                           | COLLEGE COMP I | Regular     | LCLB      | DLTA     | MW   | 2:00P - 3:55P   | S035 | 3            | 20  | 20  | 8/29 - 12/14 |
| ENG 111-FA169                           | COLLEGE COMP I | Regular     | LCLB      | DLTA     | MW   | 2:00P - 3:55P   | S036 | 3            | 20  | 20  | 8/29 - 12/14 |
| ENG 111-FA210                           | COLLEGE COMP I | Regular     | LCLB      | DLTA     | TR   | 4:00P - 5:55P   | S034 | 3            | 20  | 21  | 8/30 - 12/15 |
| ENG 111-FA220                           | COLLEGE COMP I | Regular     | LCLB      | DLTA     | TR   | 4:00P - 5:55P   | A121 | 3            | 20  | 21  | 8/30 - 12/15 |
| ENG 111-FA301                           | COLLEGE COMP I | Regular     | LCLB      | DLTA     | W    | 6:00P - 7:55P   | S038 | 3            | 20  | 20  | 8/31 - 12/14 |
|   |                | Regular     | LN2       | DLTA     | W    | 8:00P - 9:55P   | A125 | 3            |     |     | 8/31 - 12/14 |
| ENG 111-FA302                           | COLLEGE COMP I | Regular     | LCLB      | DLTA     | M    | 6:00P - 9:55P   | S038 | 3            | 20  | 19  | 8/29 - 12/12 |
| ENG 111-FA310                           | COLLEGE COMP I | Regular     | LCLB      | RICK     | W    | 6:00P - 9:55P   | 141  | 3            | 20  | 19  | 8/31 - 12/14 |
| ENG 111-FA312                           | COLLEGE COMP I | Regular     | LCLB      | DLTA     | R    | 6:00P - 9:55P   | S037 | 3            | 20  | 20  | 9/1 - 12/15  |
| ENG 111-FA314                           | COLLEGE COMP I | Regular     | LCLB      | DLTA     | W    | 5:00P - 8:55P   | S040 | 3            | 20  | 21  | 8/31 - 12/14 |
| ENG 111-FA316                           | COLLEGE COMP I | Regular     | LCLB      | DLTA     | T    | 6:00P - 7:55P   | S038 | 3            | 20  | 21  | 8/30 - 12/13 |
|   |                | Regular     | LN2       | DLTA     | T    | 8:00P - 9:55P   | A124 | 3            |     |     | 8/30 - 12/13 |
| ENG 111-FA318                           | COLLEGE COMP I | Regular     | LCLB      | DLTA     | M    | 6:00P - 9:55P   | S040 | 3            | 20  | 19  | 8/29 - 12/12 |
| ENG 111-FA610                           | COLLEGE COMP I | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | S035 | 3            | 20  | 20  | 8/30 - 12/14 |
| ENG 111-FA651                           | COLLEGE COMP I | Regular     | LCLB      | DLTA     | TR   | 10:30A - 12:25P | S105 | 3            | 60  | 47  | 8/30 - 12/15 |
|   |                | Regular     |           | DLTA     |      | -               |      | 3            |     |     | -            |

Note: <b><font color=red>Learning Community Course.</font></b> Student must also enroll in COM 112W-FA651 and CJ 210W-FA651. Click<a href="http://www.delta.edu/pages/972.aspx">http://www.delta.edu/pages/972.aspx</a> for more information.

|               |                |         |      |      |   |                |      |   |    |    |              |
|---------------|----------------|---------|------|------|---|----------------|------|---|----|----|--------------|
| ENG 111-FA653 | COLLEGE COMP I | Regular | LCLB | DLTA | M | 8:00A - 11:55A | S035 | 3 | 18 | 16 | 8/29 - 12/12 |
|---------------|----------------|---------|------|------|---|----------------|------|---|----|----|--------------|

Note: <b><font color=red>Learning Community Course.</font></b> Student must also enroll in ENG 097W-FA653. Click<a href="http://www.delta.edu/pages/972.aspx">http://www.delta.edu/pages/972.aspx</a> for more information.



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name   | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates         |
|--|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|---------------|
| ENG 111-FA654  | COLLEGE COMP I      | Regular     | LCLB      | DLTA     | R    | 2:00P - 4:00P   | S125 | 3            | 18  | 17  | 9/1 - 12/15   |
|  |                     | Regular     | LN2       | DLTA     | R    | 4:00P - 5:55P   | K104 | 3            |     |     | 9/1 - 12/15   |
| Note: <b><font color=red>Learning Community Course.</font></b>Student must also enroll in EMB 151 FA654. Click<a href="http://www.delta.edu/pages/972.aspx">Learning Communities</a> for more information.                                     |                     |             |           |          |      |                 |      |              |     |     |               |
| ENG 111-FA665  | COLLEGE COMP I      | Regular     | LCLB      | DLTA     | TR   | 12:30P - 2:25P  | A121 | 3            | 18  | 16  | 8/30 - 12/15  |
| Note: <b><font color=red>Learning Community Course.</font></b>Student must also enroll in HSC 105 FA665, NUR 100A FA655, and SSI 290W FA655. Click<a href="http://www.delta.edu/pages/972.aspx">Learning Communities</a> for more information. |                     |             |           |          |      |                 |      |              |     |     |               |
| ENG 111A-FA105   | WRIT MET/COL COMP I | Regular     | LCLB      | DLTA     | TR   | 8:00A - 10:25A  | S040 | 3            | 18  | 16  | 8/30 - 12/15  |
| ENG 111A-FA110   | WRIT MET/COL COMP I | Regular     | LCLB      | DLTA     | TR   | 8:00A - 10:25A  | S054 | 3            | 18  | 18  | 8/30 - 12/15  |
| ENG 111A-FA115   | WRIT MET/COL COMP I | Regular     | LCLB      | DLTA     | MW   | 8:00A - 10:25A  | A124 | 3            | 18  | 17  | 8/29 - 12/14  |
| Note: Basic knowledge of word processing, Internet and computer functions strongly recommended.  |                     |             |           |          |      |                 |      |              |     |     |               |
| ENG 111A-FA120   | WRIT MET/COL COMP I | Regular     | LCLB      | DLTA     | TR   | 8:30A - 10:55A  | S055 | 3            | 20  | 19  | 8/30 - 12/15  |
| ENG 111A-FA125   | WRIT MET/COL COMP I | Regular     | LCLB      | DLTA     | TR   | 8:30A - 10:55A  | K107 | 3            | 18  | 17  | 8/30 - 12/15  |
| Note: Basic knowledge of word processing, Internet and computer functions strongly recommended.  |                     |             |           |          |      |                 |      |              |     |     |               |
| ENG 111A-FA135   | WRIT MET/COL COMP I | Regular     | LN2       | DLTA     | MW   | 9:00A - 11:25A  | S059 | 3            | 18  | 16  | 8/29 - 12/14  |
| ENG 111A-FA140   | WRIT MET/COL COMP I | Regular     | LCLB      | DLTA     | MW   | 9:30A - 11:55A  | A121 | 3            | 18  | 18  | 8/29 - 12/14  |
| ENG 111A-FA150   | WRIT MET/COL COMP I | Regular     | LCLB      | DLTA     | TR   | 11:00A - 1:25P  | S059 | 3            | 18  | 18  | 8/30 - 12/15  |
| ENG 111A-FA155   | WRIT MET/COL COMP I | Regular     | LCLB      | RICK     | TR   | 12:30P - 2:55P  | 112  | 3            | 18  | 17  | 8/30 - 12/15  |
| ENG 111A-FA160   | WRIT MET/COL COMP I | Regular     | LCLB      | DLTA     | TR   | 11:30A - 1:55P  | S228 | 3            | 18  | 18  | 8/30 - 12/15  |
| ENG 111A-FA165   | WRIT MET/COL COMP I | Regular     | LCLB      | DLTA     | TR   | 11:30A - 1:55P  | S226 | 3            | 18  | 20  | 8/30 - 12/15  |
| ENG 111A-FA170   | WRIT MET/COL COMP I | Regular     | LCLB      | DLTA     | M    | 12:00P - 1:25P  | S258 | 3            | 18  | 16  | 8/29 - 12/16  |
|  |                     | Regular     | LN2       | DLTA     | W    | 12:00P - 1:55P  | A121 | 3            |     |     | 8/29 - 12/16  |
|  |                     | Regular     | LN2       | DLTA     | F    | 12:00P - 1:25P  | A124 | 3            |     |     | 8/29 - 12/16  |
| ENG 111A-FA175   | WRIT MET/COL COMP I | Regular     | LCLB      | DLTA     | TR   | 3:30P - 5:55P   | S039 | 3            | 18  | 17  | 8/30 - 12/15  |
| ENG 111A-FA310   | WRIT MET/COL COMP I | Regular     | LCLB      | DLTA     | TR   | 6:00P - 8:25P   | S039 | 3            | 18  | 18  | 8/30 - 12/13  |
| Note: Must qualify for the Honors Program to enroll in this course. Contact the Honors Office at 989.686.9091 or <a href="http://www3.delta.edu/honors/">Honors</a> for details.   |                     |             |           |          |      |                 |      |              |     |     |               |
| ENG 111H-FA110   | HNRS COLL COMP I    | Regular     | LCLB      | DLTA     | W    | 11:00A - 1:55P  | S225 | 3            | 18  | 18  | 8/31 - 12/14  |
| ENG 111H-FA120   | HNRS COLL COMP I    | Regular     | LCLB      | DLTA     | M    | 9:00A - 11:55A  | G163 | 3            | 18  | 19  | 8/29 - 12/12  |
| ENG 111H-FA130   | HNRS COLL COMP I    | Regular     | LCLB      | DLTA     | T    | 8:00A - 10:55A  | S266 | 3            | 18  | 17  | 8/30 - 12/13  |
| ENG 111H-FA140   | HNRS COLL COMP I    | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A  | F015 | 3            | 18  | 18  | 8/29 - 12/14  |
| ENG 111H-FA310   | HNRS COLL COMP I    | Regular     | LCLB      | DLTA     | W    | 6:30P - 9:25P   | S034 | 3            | 18  | 18  | 8/31 - 12/14  |
| ENG 112-FA110  | COLLEGE COMP II     | Regular     | LCLB      | DLTA     | W    | 8:00A - 10:55A  | S225 | 3            | 20  | 20  | 8/31 - 12/14  |
| ENG 112-FA115  | COLLEGE COMP II     | Regular     | LCLB      | DLTA     | F    | 8:00A - 10:55A  | A123 | 3            | 20  | 22  | 9/2 - 12/16   |
| ENG 112-FA120  | COLLEGE COMP II     | Regular     | LCLB      | DCMC     | F    | 8:30A - 9:55A   | 201  | 3            | 20  | 14  | 9/2 - 9/23    |
|  |                     | Regular     | LN2       | DCMC     | F    | 10:00A - 11:25A | 203  | 3            |     |     | 9/2 - 9/23    |
|  |                     | Regular     | LN2       | DCMC     | F    | 8:30A - 11:25A  | 201  | 3            |     |     | 9/30 - 10/21  |
|  |                     | Regular     | LN2       | DCMC     | F    | 8:30A - 11:25A  | 204  | 3            |     |     | 10/28 - 10/28 |
|  |                     | Regular     | LN2       | DCMC     | F    | 8:30A - 11:25A  | 201  | 3            |     |     | 11/4 - 11/25  |
|  |                     | Regular     | LN2       | DCMC     | F    | 8:30A - 11:25A  | 204  | 3            |     |     | 12/2 - 12/2   |
| ENG 112-FA125  | COLLEGE COMP II     | Regular     | LN2       | DCMC     | F    | 8:30A - 11:25A  | 201  | 3            |     |     | 12/9 - 12/16  |
|  |                     | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | S037 | 3            | 20  | 23  | 8/30 - 12/15  |
|  |                     | Regular     | LCLB      | DLTA     | F    | 9:00A - 11:55A  | S125 | 3            | 20  | 18  | 9/2 - 12/16   |
|  |                     | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | S034 | 3            | 20  | 22  | 8/30 - 12/15  |
|  |                     | Regular     | LCLB      | DCPL     | TR   | 10:00A - 11:25A | 117  | 3            | 20  | 16  | 8/30 - 12/15  |
|  |                     | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:25P  | J135 | 3            | 20  | 19  | 8/29 - 12/14  |
| ENG 112-FA150  | COLLEGE COMP II     | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:25P  | S039 | 3            | 20  | 20  | 8/29 - 12/14  |
| ENG 112-FA160  | COLLEGE COMP II     | Regular     | LCLB      | DLTA     | W    | 9:00A - 10:30A  | S264 | 3            | 20  | 19  | 8/31 - 12/14  |
|  |                     | Regular     | LN2       | DLTA     | W    | 10:30A - 11:55A | A124 | 3            |     |     | 8/31 - 12/14  |
| ENG 112-FA165  | COLLEGE COMP II     | Regular     | LCLB      | DLTA     | R    | 11:00A - 12:25P | S056 | 3            | 20  | 19  | 9/1 - 12/15   |
|  |                     | Regular     | LN2       | DLTA     | R    | 12:30P - 1:55P  | K114 | 3            |     |     | 9/1 - 12/15   |
| ENG 112-FA170  | COLLEGE COMP II     | Regular     | LCLB      | DLTA     | R    | 2:00P - 4:55P   | S253 | 3            | 20  | 23  | 9/1 - 12/15   |
| ENG 112-FA173  | COLLEGE COMP II     | Regular     | LCLB      | DCPL     | T    | 3:00P - 5:55P   | 117  | 3            | 20  | 22  | 8/30 - 12/13  |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name  | Title                | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|---|----------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|--------------|
| ENG 112-FA175   | COLLEGE COMP II      | Regular     | LCLB      | DLTA     | R    | 2:00P - 4:55P   | S263 | 3            | 20  | 20  | 9/1 - 12/15  |
| ENG 112-FA177   | COLLEGE COMP II      | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:25P   | S038 | 3            | 20  | 22  | 8/30 - 12/15 |
| ENG 112-FA210   | COLLEGE COMP II      | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P   | S057 | 3            | 20  | 18  | 8/31 - 12/14 |
| ENG 112-FA310   | COLLEGE COMP II      | Regular     | LCLB      | DCMC     | R    | 6:30P - 9:25P   | 105  | 3            | 20  | 18  | 9/1 - 12/15  |
| ENG 112-FA330   | COLLEGE COMP II      | Regular     | LCLB      | RICK     | M    | 6:30P - 9:25P   | 115  | 3            | 20  | 21  | 8/29 - 12/12 |
| ENG 112-FA340   | COLLEGE COMP II      | Regular     | LCLB      | DCMC     | M    | 6:30P - 9:25P   | 104  | 3            | 20  | 21  | 8/29 - 12/12 |
| ENG 112-FA350   | COLLEGE COMP II      | Regular     | LCLB      | RICK     | W    | 6:30P - 9:25P   | 111  | 3            | 20  | 18  | 8/31 - 12/14 |
| ENG 112-FA360   | COLLEGE COMP II      | Regular     | LCLB      | DLTA     | M    | 7:00P - 9:55P   | S034 | 3            | 20  | 20  | 8/29 - 12/12 |
| ENG 112-FA370   | COLLEGE COMP II      | Regular     | LCLB      | DLTA     | M    | 7:00P - 8:00P   | S035 | 3            | 20  | 20  | 8/29 - 12/12 |
|   |                      | Regular     | LN2       | DLTA     | M    | 8:00P - 9:55P   | A123 | 3            |     |     | 8/29 - 12/12 |
| ENG 112A-FA115  | WRNG METH CMP II     | Regular     | LCLB      | DLTA     | TR   | 8:00A - 10:25A  | A125 | 3            | 18  | 18  | 8/30 - 12/15 |
| ENG 112A-FA120  | WRNG METH CMP II     | Regular     | LCLB      | DLTA     | MW   | 9:30A - 11:55A  | S058 | 3            | 20  | 19  | 8/29 - 12/14 |
| ENG 112A-FA130  | WRNG METH CMP II     | Regular     | LCLB      | DLTA     | TR   | 11:30A - 1:55P  | A125 | 3            | 18  | 18  | 8/30 - 12/15 |
| Note: Basic knowledge of word processing, Internet and computer functions strongly recommended.   |                      |             |           |          |      |                 |      |              |     |     |              |
| ENG 112A-FA135  | WRNG METH CMP II     | Regular     | LCLB      | DLTA     | TR   | 2:00P - 4:25P   | S054 | 3            | 18  | 14  | 8/30 - 12/15 |
| Note: Must qualify for the Honors Program to enroll in this course. Contact the <a href="http://www3.delta.edu/honors/">Honors Office</a> or at 989.686.9091 for details. |                      |             |           |          |      |                 |      |              |     |     |              |
| ENG 112H-FA110  | HNRS COLL COMP II    | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:25P  | S035 | 3            | 18  | 17  | 8/29 - 12/14 |
| ENG 113-FA110   | TECHNICAL COMM       | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:25A | J135 | 3            | 20  | 19  | 8/29 - 12/14 |
| ENG 113-FA120   | TECHNICAL COMM       | Regular     | LCLB      | DLTA     | TR   | 12:30P - 1:55P  | S036 | 3            | 20  | 16  | 8/30 - 12/15 |
| ENG 113-FA330   | TECHNICAL COMM       | Regular     | LCLB      | DLTA     | R    | 7:00P - 9:55P   | S266 | 3            | 20  | 19  | 9/1 - 12/15  |
| ENG 115-FA110   | MASS MEDIA           | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:25A | S040 | 3            | 20  | 21  | 8/29 - 12/14 |
| ENG 120-FA110   | INTRO CREATIVE WRG   | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A  | L112 | 3            | 18  | 16  | 8/31 - 12/14 |
| ENG 253-FA310   | CREATV WRIT POETRY   | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | S058 | 3            | 18  | 17  | 8/31 - 12/14 |
| ENG 254-FA110   | CREATIV WRIT FICTN   | Regular     | LCLB      | DLTA     | T    | 8:00A - 10:55A  | S264 | 3            | 18  | 18  | 8/30 - 12/13 |
| ENG 254-FA310   | CREATIV WRIT FICTN   | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | S040 | 3            | 18  | 18  | 8/30 - 12/13 |
| ENT 101-FA110   | ACC ENTREPRENEURS    | Regular     | LCLB      | DLTA     | R    | 2:00P - 4:55P   | K107 | 3            | 18  | 16  | 9/1 - 12/15  |
| ENT 131W-FA110  | ENTREPRENER SM BUS 1 | Regular     | LCLB      | DLTA     | T    | 3:00P - 5:55P   | J139 | 3            | 25  | 25  | 8/30 - 12/13 |
| Note: ENT 131W 01: Formerly MGT 131W  |                      |             |           |          |      |                 |      |              |     |     |              |
| ENT 132W-FA710  | ENTREPRENR SM BUS 2  | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | J137 | 3            | 25  | 23  | 8/29 - 12/12 |
| Note: Class meets on the following days from 2:00 until 4:55:8/29, 9/12, 9/26, 10/10, 10/24, 11/7, 11/21, 12/5, and 12/12.  |                      |             |           |          |      |                 |      |              |     |     |              |
| ENV 100W-FA210  | ENVIRONMENTAL/REGS   | Regular     | LCLB      | DLTA     | M    | 5:00P - 7:55P   | C132 | 3            | 25  | 25  | 8/29 - 12/12 |
| ENV 100W-FA220  | ENVIRONMENTAL/REGS   | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | C132 | 3            | 25  | 26  | 8/31 - 12/14 |
| ENV 320W-FA710  | ENV MGMT SYSTEMS     | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P   | F244 | 3            | 16  | 14  | 8/31 - 12/14 |
| ET 110W-FA110   | DC ELECTRICAL FUND   | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:55P | N208 | 3            | 18  | 10  | 8/30 - 12/15 |
| ET 120-FA120  | AC ELECTRICAL FUND   | Regular     | LCLB      | DLTA     | F    | 8:00A - 11:55A  | N206 | 3            | 18  | 11  | 9/2 - 12/16  |
| FST 101W-FA310  | INTRO TO FIRE SCIENC | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P   | M151 | 3            | 25  | 17  | 9/1 - 12/15  |
| Note: Students must pay a \$20 travel fee at cashier's window by the second week of the course.   |                      |             |           |          |      |                 |      |              |     |     |              |
| GLG 122-FA110   | GEOLOGY OF MICHIGAN  | Regular     | LCLB      | DLTA     | MW   | 12:30P - 1:55P  | E113 | 3            | 25  | 27  | 8/29 - 12/14 |
| HIS 217W-FA110  | HISPANICS IN THE US  | Regular     | LCLB      | DLTA     | TR   | 12:30P - 1:55P  | J132 | 3            | 25  | 25  | 8/30 - 12/15 |
| Note: Out-of-class testing.   |                      |             |           |          |      |                 |      |              |     |     |              |
| HIS 221W-FA110  | EARLY AM HISTORY     | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | J132 | 3            | 25  | 21  | 8/30 - 12/15 |
| Note: Out-of-class testing.   |                      |             |           |          |      |                 |      |              |     |     |              |
| HIS 221W-FA120  | EARLY AM HISTORY     | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:25P | J132 | 3            | 25  | 21  | 8/30 - 12/15 |
| Note: Out-of-class testing.   |                      |             |           |          |      |                 |      |              |     |     |              |
| HIS 221W-FA310  | EARLY AM HISTORY     | Regular     | LCLB      | RICK     | W    | 6:00P - 8:55P   | 114  | 3            | 25  | 24  | 8/31 - 12/14 |
| Note: Does not have HIS 221W as a prerequisite.   |                      |             |           |          |      |                 |      |              |     |     |              |
| HIS 222W-FA110  | RECNT AMERICN HISTRY | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | J133 | 3            | 25  | 25  | 8/30 - 12/15 |
| HIS 222W-FA120  | RECNT AMERICN HISTRY | Regular     | LCLB      | DLTA     | TR   | 12:30P - 1:55P  | J134 | 3            | 25  | 25  | 8/30 - 12/15 |
| HIS 222W-FA130  | RECNT AMERICN HISTRY | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:25P  | J134 | 3            | 25  | 26  | 8/29 - 12/14 |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name   | Title                 | Term Length | Inst Meth | Location | Days  | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|--|-----------------------|-------------|-----------|----------|-------|-----------------|------|--------------|-----|-----|--------------|
| HIS 222W-FA140   | RECNT AMERICN HISTRY  | Regular     | LCLB      | DCPL     | M     | 2:00P - 4:55P   | 213  | 3            | 25  | 24  | 8/29 - 12/12 |
| Note: Out-of-class testing.  |                       |             |           |          |       |                 |      |              |     |     |              |
| HIS 237W-FA110   | HISTORY OF MICH/PRO   | Regular     | LCLB      | DLTA     | W     | 10:00A - 11:55A | C121 | 3            | 25  | 10  | 8/31 - 12/14 |
| HIS 237W-FA120   | HISTORY OF MICH/PRO   | Regular     | LCLB      | DLTA     | T     | 2:00P - 3:55P   | J135 | 3            | 25  | 11  | 8/30 - 12/13 |
| HIS 237W-FA210   | HISTORY OF MICH/PRO   | Regular     | LCLB      | DLTA     | W     | 5:00P - 6:55P   | J135 | 3            | 25  | 10  | 8/31 - 12/14 |
| IHU 120W-FA110   | INTRO GLOBAL PEACE    | Regular     | LCLB      | DLTA     | T     | 2:00P - 4:55P   | P110 | 3            | 25  | 19  | 8/30 - 12/15 |
| Note: Credit may be earned in Humanities (IHU) or Social Science (SSI), but not both.  |                       |             |           |          |       |                 |      |              |     |     |              |
| Note: Must qualify for the Honors Program to enroll in this course. Contact the <a href="http://www3.delta.edu/honors/">Honors Office</a> or at 686-9091.                                |                       |             |           |          |       |                 |      |              |     |     |              |
| IHU 201HW-FA652  | HONORS COLLOQUY       | Regular     | LCLB      | DLTA     | R     | 11:00A - 1:55P  | S034 | 3            | 18  | 7   | 9/1 - 12/15  |
| Note: <b>Learning Community Course.</b> Must also register for SOC211HW-FA652. Click <a href="http://www.delta.edu/pages/972.aspx">Learning Communities</a> for more information.        |                       |             |           |          |       |                 |      |              |     |     |              |
| Note: Must qualify for the Honors Program to enroll in this course. Contact the Honors Office at 989.686.9091 or <a href="http://www3.delta.edu/honors/">Honors Website</a> for details. |                       |             |           |          |       |                 |      |              |     |     |              |
| LIT 201HW-FA651  | HONORS COLLOQUY       | Regular     | LCLB      | DLTA     | R     | 11:00A - 1:55P  | S034 | 3            | 18  | 10  | 9/1 - 12/15  |
| Note: <b>Learning Community Course.</b> Student must also enroll in SOC211HW FA651. Click <a href="http://www.delta.edu/pages/972.aspx">Learning Communities</a> for more information.   |                       |             |           |          |       |                 |      |              |     |     |              |
| LIT 221W-FA110   | READINGS-SHRT STORY   | Regular     | LCLB      | DLTA     | R     | 8:00A - 10:55A  | S058 | 3            | 25  | 23  | 9/1 - 12/15  |
| LIT 222W-FA310   | READNG IN THE NOVEL   | Regular     | LCLB      | DCPL     | M     | 6:00P - 8:55P   | 221  | 3            | 20  | 17  | 8/29 - 12/12 |
| LIT 226W-FA110   | INTRO FILM            | Regular     | LCLB      | DLTA     | T     | 3:00P - 5:55P   | S105 | 3            | 25  | 25  | 8/30 - 12/13 |
| LIT 228HW-FA110  | HNR WLD LIT BG-1600   | Regular     | LCLB      | DLTA     | T     | 12:00P - 2:55P  | S037 | 3            | 25  | 7   | 8/30 - 12/13 |
| Note: Must qualify for the Honors Program to enroll in this course. Contact the <a href="http://www3.delta.edu/honors/">Honors Office</a> or at 686-9091 for details.                    |                       |             |           |          |       |                 |      |              |     |     |              |
| LIT 228W-FA110   | WORLD LIT:BEG-1600    | Regular     | LCLB      | DLTA     | T     | 12:00P - 2:55P  | S037 | 3            | 25  | 18  | 8/30 - 12/13 |
| LIT 242W-FA310   | BRITISH LITERATURE    | Regular     | LCLB      | DLTA     | M     | 6:00P - 8:55P   | S037 | 3            | 25  | 22  | 8/29 - 12/12 |
| LIT 245W-FA110   | BIBLICAL LIT OLD TEST | Regular     | LCLB      | DLTA     | TR    | 9:30A - 10:55A  | S034 | 3            | 25  | 23  | 8/30 - 12/15 |
| LIT 246W-FA210   | BIBLICAL LIT NEW      | Regular     | LCLB      | DLTA     | T     | 6:00P - 8:55P   | S037 | 3            | 25  | 25  | 8/30 - 12/13 |
| LIT 260W-FA110   | HOLOCAUST HIS & LIT   | Regular     | LCLB      | DLTA     | T     | 8:00A - 10:55A  | S058 | 3            | 25  | 25  | 8/30 - 12/13 |
| Note: Bringing a laptop or netbook with wireless capabilities is strongly encouraged.  |                       |             |           |          |       |                 |      |              |     |     |              |
| LIT 285W-FA110   | WOMEN IN LITERATURE   | Regular     | LCLB      | DLTA     | R     | 2:00P - 4:55P   | S226 | 3            | 25  | 20  | 9/1 - 12/15  |
| LSP 110W-FA310   | LEGL ETHIC & RESPON   | Regular     | LCLB      | DLTA     | M     | 6:00P - 8:55P   | A204 | 3            | 25  | 21  | 8/29 - 12/12 |
| LSP 115-FA310  | PRIN SUBSTANTIV LAW   | Regular     | LCLB      | DLTA     | T     | 6:00P - 8:55P   | E112 | 3            | 25  | 22  | 8/30 - 12/13 |
| Note: Requires acceptance to Delta College Police Academy. Contact Criminal Justice Training Center, 686-9110.   |                       |             |           |          |       |                 |      |              |     |     |              |
| LWT 175-FA110  | AV FRST AID/EMG CAR   | Regular     | LCLB      | DLTA     | MTWRF | 7:00A - 5:00P   | C111 | 3            | 44  | 23  | 8/22 - 12/16 |
| LWT 175-FA120  | AV FRST AID/EMG CAR   | Regular     | LCLB      | DLTA     | MTWRF | 7:00A - 5:00P   | C111 | 3            | 0   | 0   | 8/22 - 12/16 |
| This course is required in certain Lifelong Wellness Programs and does not meet LW/LWA graduation requirements.  |                       |             |           |          |       |                 |      |              |     |     |              |
| LWT 210-FA210  | NUTRI:SCI OPT LIVNG   | Regular     | LCLB      | DLTA     | TR    | 6:00P - 7:30P   | P110 | 3            | 20  | 19  | 8/30 - 12/15 |
| LWT 231W-FA110   | INTRO ATHLETIC TRNG   | Regular     | LCLB      | DLTA     | TR    | 11:00A - 12:25P | F102 | 3            | 15  | 15  | 8/30 - 12/15 |
| MGT 110-FA110  | BUSINESS MATH         | Regular     | LCLB      | DLTA     | T     | 8:00A - 10:55A  | F005 | 3            | 25  | 24  | 8/30 - 12/13 |
| MGT 110-FA120  | BUSINESS MATH         | Regular     | LCLB      | DCPL     | W     | 8:00A - 10:55A  | 221  | 3            | 25  | 23  | 8/31 - 12/14 |
| MGT 110-FA130  | BUSINESS MATH         | Regular     | LCLB      | DLTA     | T     | 11:00A - 1:55P  | N206 | 3            | 25  | 24  | 8/30 - 12/13 |
| MGT 110-FA140  | BUSINESS MATH         | Regular     | LCLB      | DCMC     | R     | 8:00A - 10:55A  | 104  | 3            | 25  | 17  | 9/1 - 12/15  |
| MGT 110-FA210  | BUSINESS MATH         | Regular     | LCLB      | DLTA     | W     | 5:00P - 7:55P   | M151 | 3            | 25  | 23  | 8/31 - 12/14 |
| MGT 110-FA310  | BUSINESS MATH         | Regular     | LCLB      | DLTA     | M     | 6:00P - 8:55P   | J141 | 3            | 25  | 27  | 8/29 - 12/12 |
| MGT 143-FA110  | PRIN OF ADVERTISING   | Regular     | LCLB      | DLTA     | MW    | 12:00P - 1:25P  | J133 | 3            | 26  | 27  | 8/29 - 12/14 |
| MGT 143-FA210  | PRIN OF ADVERTISING   | Regular     | LCLB      | DLTA     | R     | 3:00P - 5:55P   | J140 | 3            | 25  | 23  | 9/1 - 12/15  |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course</a> .  |                       |             |           |          |       |                 |      |              |     |     |              |
| MGT 143-FA310  | PRIN OF ADVERTISING   | Regular     | LCLB      | DLTA     | T     | 7:00P - 9:55P   | M105 | 3            | 25  | 25  | 8/30 - 12/13 |
| MGT 145-FA110  | PRINCIPLES OF SALES   | Regular     | LCLB      | DLTA     | T     | 11:00A - 1:55P  | F250 | 3            | 25  | 25  | 8/30 - 12/13 |
| MGT 145-FA310  | PRINCIPLES OF SALES   | Regular     | LCLB      | DLTA     | R     | 7:00P - 9:55P   | J139 | 3            | 25  | 26  | 9/1 - 12/15  |
| MGT 151-FA210  | MERCH DISPLAY         | Regular     | LCLB      | DLTA     | T     | 3:00P - 5:55P   | M104 | 3            | 15  | 14  | 8/30 - 12/13 |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name   | Title              | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|--|--------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|--------------|
| MGT 152-FA210  | TEXTILES           | Regular     | LCLB      | DLTA     | R    | 3:00P - 5:55P   | J139 | 3            | 20  | 14  | 9/1 - 12/15  |
| MGT 153W-FA105   | INTRO TO BUSINESS  | Regular     | LCLB      | DLTA     | R    | 8:00A - 10:55A  | J140 | 3            | 25  | 26  | 9/1 - 12/15  |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> . |                    |             |           |          |      |                 |      |              |     |     |              |
| MGT 153W-FA110   | INTRO TO BUSINESS  | Regular     | LCLB      | DLTA     | MW   | 8:30A - 9:55A   | J140 | 3            | 25  | 24  | 8/29 - 12/14 |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> . |                    |             |           |          |      |                 |      |              |     |     |              |
| MGT 153W-FA115   | INTRO TO BUSINESS  | Regular     | LCLB      | RICK     | F    | 9:00A - 11:55A  | 111  | 3            | 25  | 22  | 9/2 - 12/16  |
| MGT 153W-FA120   | INTRO TO BUSINESS  | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:25A | J140 | 3            | 25  | 25  | 8/29 - 12/14 |
| MGT 153W-FA125   | INTRO TO BUSINESS  | Regular     | LCLB      | DLTA     | T    | 11:00A - 12:25P | S111 | 3            | 25  | 24  | 8/30 - 12/15 |
|  |                    | Regular     | LN2       | DLTA     | R    | 11:00A - 12:25P | K107 | 3            |     |     | 8/30 - 12/15 |
| MGT 153W-FA130   | INTRO TO BUSINESS  | Regular     | LCLB      | DLTA     | R    | 11:00A - 1:55P  | M105 | 3            | 25  | 26  | 9/1 - 12/15  |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> . |                    |             |           |          |      |                 |      |              |     |     |              |
| MGT 153W-FA135   | INTRO TO BUSINESS  | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:25P  | F002 | 3            | 25  | 24  | 8/29 - 12/14 |
| MGT 153W-FA140   | INTRO TO BUSINESS  | Regular     | LCLB      | DLTA     | T    | 2:00P - 3:25P   | A125 | 3            | 25  | 24  | 8/30 - 12/15 |
|  |                    | Regular     | LN2       | DLTA     | R    | 2:00P - 3:25P   | J138 | 3            |     |     | 8/30 - 12/15 |
| MGT 153W-FA145   | INTRO TO BUSINESS  | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | J134 | 3            | 25  | 25  | 8/29 - 12/12 |
| MGT 153W-FA210   | INTRO TO BUSINESS  | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P   | J138 | 3            | 25  | 24  | 9/1 - 12/15  |
| MGT 153W-FA220   | INTRO TO BUSINESS  | Regular     | LCLB      | DLTA     | T    | 3:00P - 5:55P   | J140 | 3            | 25  | 26  | 8/30 - 12/13 |
| MGT 153W-FA310   | INTRO TO BUSINESS  | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P   | J140 | 3            | 25  | 25  | 8/29 - 12/12 |
| MGT 153W-FA320   | INTRO TO BUSINESS  | Regular     | LCLB      | DLTA     | W    | 6:30P - 9:25P   | E110 | 3            | 25  | 25  | 8/31 - 12/14 |
| MGT 153W-FA330   | INTRO TO BUSINESS  | Regular     | LCLB      | DLTA     | R    | 7:00P - 9:55P   | J136 | 3            | 25  | 24  | 9/1 - 12/15  |
| MGT 153W-FA340   | INTRO TO BUSINESS  | Regular     | LCLB      | DCMC     | T    | 7:00P - 9:55P   | 155  | 3            | 25  | 28  | 8/30 - 12/13 |
| MGT 153W-FA350   | INTRO TO BUSINESS  | Regular     | LCLB      | DLTA     | T    | 7:00P - 9:55P   | J139 | 3            | 25  | 23  | 8/30 - 12/13 |
| MGT 243-FA120  | PRIN OF MARKETING  | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:25A | J138 | 3            | 25  | 24  | 8/29 - 12/14 |
| MGT 243-FA210  | PRIN OF MARKETING  | Regular     | LCLB      | DLTA     | M    | 5:00P - 7:55P   | E110 | 3            | 25  | 27  | 8/29 - 12/12 |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> . |                    |             |           |          |      |                 |      |              |     |     |              |
| MGT 243-FA220  | PRIN OF MARKETING  | Regular     | LCLB      | DLTA     | T    | 3:00P - 5:55P   | J141 | 3            | 25  | 24  | 8/30 - 12/13 |
| MGT 243-FA310  | PRIN OF MARKETING  | Regular     | LCLB      | DLTA     | W    | 6:30P - 9:25P   | J139 | 3            | 25  | 24  | 8/31 - 12/14 |
| MGT 245-FA110  | PRIN OF MANAGEMENT | Regular     | LCLB      | DLTA     | R    | 11:00A - 1:55P  | S037 | 3            | 25  | 27  | 9/1 - 12/15  |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> . |                    |             |           |          |      |                 |      |              |     |     |              |
| MGT 245-FA120  | PRIN OF MANAGEMENT | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | M104 | 3            | 25  | 25  | 8/30 - 12/13 |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> . |                    |             |           |          |      |                 |      |              |     |     |              |
| MGT 245-FA130  | PRIN OF MANAGEMENT | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:25A | J137 | 3            | 25  | 26  | 8/29 - 12/14 |
| MGT 245-FA140  | PRIN OF MANAGEMENT | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:25P  | M104 | 3            | 25  | 26  | 8/29 - 12/14 |
| MGT 245-FA150  | PRIN OF MANAGEMENT | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | J132 | 3            | 25  | 25  | 8/29 - 12/12 |
| MGT 245-FA310  | PRIN OF MANAGEMENT | Regular     | LCLB      | DLTA     | T    | 7:00P - 9:55P   | J137 | 3            | 25  | 25  | 8/30 - 12/13 |
| MGT 245-FA320  | PRIN OF MANAGEMENT | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P   | J140 | 3            | 25  | 25  | 9/1 - 12/15  |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> . |                    |             |           |          |      |                 |      |              |     |     |              |
| MGT 247-FA110  | PRIN OF RETAILING  | Regular     | LCLB      | DLTA     | R    | 11:00A - 1:55P  | M104 | 3            | 20  | 18  | 9/1 - 12/15  |
| MGT 251W-FA110   | BUSINESS LAW I     | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:25P | J134 | 3            | 25  | 24  | 8/30 - 12/15 |
| MGT 251W-FA120   | BUSINESS LAW I     | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:25P  | M105 | 3            | 25  | 25  | 8/29 - 12/14 |
| MGT 251W-FA130   | BUSINESS LAW I     | Regular     | LCLB      | DLTA     | MW   | 10:30A - 11:55A | M105 | 3            | 25  | 27  | 8/29 - 12/14 |
| MGT 251W-FA310   | BUSINESS LAW I     | Regular     | LCLB      | DCMC     | M    | 6:30P - 9:25P   | 154  | 3            | 25  | 26  | 8/29 - 12/12 |
| MGT 251W-FA320   | BUSINESS LAW I     | Regular     | LCLB      | DCPL     | M    | 6:30P - 9:25P   | 212  | 3            | 25  | 26  | 8/29 - 12/12 |
| MGT 251W-FA330   | BUSINESS LAW I     | Regular     | LCLB      | RICK     | T    | 6:30P - 9:25P   | 114  | 3            | 25  | 28  | 8/30 - 12/13 |
| MGT 251W-FA340   | BUSINESS LAW I     | Regular     | LCLB      | DLTA     | W    | 7:00P - 9:55P   | J138 | 3            | 25  | 23  | 8/31 - 12/14 |
| MGT 252-FA310  | BUSINESS LAW II    | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | J137 | 3            | 25  | 23  | 8/31 - 12/14 |
| MGT 256-FA110  | HUM RESOURCE MNG I | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:25P  | J139 | 3            | 25  | 26  | 8/29 - 12/14 |
| MGT 256-FA310  | HUM RESOURCE MNG I | Regular     | LCLB      | DLTA     | R    | 7:00P - 9:55P   | S113 | 3            | 25  | 25  | 9/1 - 12/15  |
| MGT 265-FA310  | INTERNATIONAL BUS  | Regular     | LCLB      | DLTA     | T    | 7:00P - 9:55P   | J136 | 3            | 25  | 25  | 8/30 - 12/13 |
| MT 151-FA510   | POWER TRANSMISSION | Regular     | LCLB      | DLTA     | W    | 6:00P - 6:55P   | L106 | 3            | 10  | 10  | 8/31 - 12/14 |
|  |                    | Regular     | LN2       | DLTA     | W    | 7:00P - 8:55P   | L113 | 3            |     |     | 8/31 - 12/14 |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name   | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|--|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|--------------|
| MT 220-FA310   | HYDRAULC/PNEUMATC I | Regular     | LCLB      | DLTA     | T    | 6:00P - 7:55P   | L106 | 3            | 14  | 12  | 8/30 - 12/13 |
|  |                     | Regular     | LN2       | DLTA     | T    | 8:00P - 9:55P   | L126 | 3            |     |     | 8/30 - 12/13 |
|  |                     | Regular     |           | DLTA     |      | -               | A    | 3            |     |     | -            |
| OSHA approved safety glasses are required for this course                              |                     |             |           |          |      |                 |      |              |     |     |              |
| MT 220-FA520   | HYDRAULC/PNEUMATC I | Regular     | LCLB      | DLTA     | W    | 5:00P - 6:55P   | L112 | 3            | 12  | 11  | 8/31 - 12/14 |
|  |                     | Regular     | LN2       | DLTA     | W    | 7:00P - 8:55P   | L126 | 3            |     |     | 8/31 - 12/14 |
|  |                     | Regular     |           | DLTA     |      | -               | A    | 3            |     |     | -            |
| OSHA approved safety glasses are required.   |                     |             |           |          |      |                 |      |              |     |     |              |
| MT 251-FA210   | STATICS & DYNAMICS  | Regular     | LCLB      | DLTA     | R    | 5:00P - 8:20P   | M105 | 3            | 18  | 11  | 9/8 - 12/15  |
| MTH 097-FA105  | ALGEBRA I           | Regular     | LCLB      | DCMC     | MW   | 8:00A - 9:25A   | 153  | 3            | 25  | 28  | 8/29 - 12/14 |
| MTH 097-FA110  | ALGEBRA I           | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:25A   | A205 | 3            | 25  | 28  | 8/29 - 12/14 |
| MTH 097-FA115  | ALGEBRA I           | Regular     | LCLB      | DLTA     | TR   | 8:00A - 9:25A   | A203 | 3            | 25  | 28  | 8/30 - 12/15 |
| MTH 097-FA125  | ALGEBRA I           | Regular     | LCLB      | RICK     | TR   | 10:30A - 11:55A | 114  | 3            | 25  | 26  | 8/30 - 12/15 |
| Note: Do not purchase textbook...see instructor first day of class regarding textbook. |                     |             |           |          |      |                 |      |              |     |     |              |
| MTH 097-FA130  | ALGEBRA I           | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:25A | N206 | 3            | 25  | 27  | 8/29 - 12/14 |
| MTH 097-FA135  | ALGEBRA I           | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:25A | A207 | 3            | 25  | 25  | 8/29 - 12/14 |
| MTH 097-FA140  | ALGEBRA I           | Regular     | LCLB      | DCPL     | TR   | 10:30A - 11:55A | 217  | 3            | 25  | 23  | 8/30 - 12/15 |
| MTH 097-FA142  | ALGEBRA I           | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:25P | A206 | 3            | 25  | 30  | 8/30 - 12/15 |
| MTH 097-FA145  | ALGEBRA I           | Regular     | LCLB      | DLTA     | TR   | 12:30P - 1:55P  | A213 | 3            | 25  | 26  | 8/30 - 12/15 |
| MTH 097-FA150  | ALGEBRA I           | Regular     | LCLB      | DLTA     | TR   | 12:30P - 1:55P  | A206 | 3            | 25  | 27  | 8/30 - 12/15 |
| MTH 097-FA155  | ALGEBRA I           | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:25P  | F004 | 3            | 25  | 27  | 8/29 - 12/14 |
| MTH 097-FA160  | ALGEBRA I           | Regular     | LCLB      | DLTA     | MW   | 12:30P - 1:55P  | E114 | 3            | 25  | 26  | 8/29 - 12/14 |
| MTH 097-FA165  | ALGEBRA I           | Regular     | LCLB      | DLTA     | MW   | 12:30P - 1:55P  | N206 | 3            | 25  | 29  | 8/29 - 12/14 |
| MTH 097-FA170  | ALGEBRA I           | Regular     | LCLB      | DLTA     | TR   | 12:30P - 1:55P  | A204 | 3            | 25  | 24  | 8/30 - 12/15 |
| MTH 097-FA175  | ALGEBRA I           | Regular     | LCLB      | DLTA     | MW   | 2:00P - 3:25P   | A203 | 3            | 25  | 31  | 8/29 - 12/14 |
| MTH 097-FA180  | ALGEBRA I           | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:25P   | A207 | 3            | 25  | 25  | 8/30 - 12/15 |
| MTH 097-FA185  | ALGEBRA I           | Regular     | LCLB      | DCPL     | T    | 3:00P - 5:55P   | 217  | 3            | 25  | 25  | 8/30 - 12/13 |
| MTH 097-FA195  | ALGEBRA I           | Regular     | LCLB      | DLTA     | MW   | 3:30P - 4:55P   | M104 | 3            | 25  | 26  | 8/29 - 12/14 |
| MTH 097-FA210  | ALGEBRA I           | Regular     | LCLB      | DLTA     | TR   | 4:00P - 5:25P   | A213 | 3            | 25  | 26  | 8/30 - 12/15 |
| MTH 097-FA220  | ALGEBRA I           | Regular     | LCLB      | DLTA     | MW   | 5:00P - 6:25P   | N206 | 3            | 25  | 26  | 8/29 - 12/14 |
| MTH 097-FA240  | ALGEBRA I           | Regular     | LCLB      | RICK     | W    | 5:00P - 7:55P   | 113  | 3            | 25  | 25  | 8/31 - 12/14 |
| MTH 097-FA320  | ALGEBRA I           | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P   | A209 | 3            | 25  | 27  | 9/1 - 12/15  |
| MTH 097-FA340  | ALGEBRA I           | Regular     | LCLB      | DLTA     | M    | 5:00P - 7:55P   | A206 | 3            | 25  | 27  | 8/29 - 12/12 |
| MTH 097-FA350  | ALGEBRA I           | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P   | A206 | 3            | 25  | 25  | 8/31 - 12/14 |
| MTH 097-FA360  | ALGEBRA I           | Regular     | LCLB      | DLTA     | TR   | 7:00P - 8:25P   | A213 | 3            | 25  | 26  | 8/30 - 12/15 |
| MTH 097-FA410  | ALGEBRA I           | Regular     | LCLB      | DLTA     | S    | 9:00A - 11:55A  | A204 | 3            | 25  | 31  | 8/27 - 12/17 |
| MTH 097-FA510  | ALGEBRA I           | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | A205 | 3            | 19  | 23  | 8/30 - 12/13 |
| Note: Out class testing in the Academic Testing Center.                                |                     |             |           |          |      |                 |      |              |     |     |              |
| MTH 115W-FA110   | MTH FOR ELEM TCH I  | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:25A | A205 | 3            | 28  | 18  | 8/29 - 12/14 |
| MTH 116W-FA110   | MTH FOR ELEM TCH II | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | A204 | 3            | 28  | 12  | 8/30 - 12/15 |
| Note: Graphing calculator required. TI-83/84 family calculator recommended.            |                     |             |           |          |      |                 |      |              |     |     |              |
| MTH 120-FA110  | FINITE MATHEMATICS  | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:25A | A204 | 3            | 28  | 29  | 8/29 - 12/14 |
| Note: Out of class testing in Academic Testing Center.                                 |                     |             |           |          |      |                 |      |              |     |     |              |
| MTH 120-FA120  | FINITE MATHEMATICS  | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:25P   | A203 | 3            | 28  | 30  | 8/30 - 12/15 |
| MTH 120-FA210  | FINITE MATHEMATICS  | Regular     | LCLB      | DLTA     | MW   | 5:00P - 6:25P   | A208 | 3            | 28  | 29  | 8/29 - 12/14 |
| Note: Out of class testing in Academic Testing Center.                                 |                     |             |           |          |      |                 |      |              |     |     |              |
| Note: A graphing calculator is required. A TI-83/84 family calculator is recommended.  |                     |             |           |          |      |                 |      |              |     |     |              |
| MTH 121-FA110  | PLANE TRIGONOMETRY  | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:25A   | A203 | 3            | 28  | 25  | 8/29 - 12/14 |
| MTH 121-FA111  | PLANE TRIGONOMETRY  | Regular     | LCLB      | OTHR     | TR   | 8:30A - 10:10A  | HATC | 3            | 28  | 12  | 9/8 - 12/15  |
| MTH 121-FA113  | PLANE TRIGONOMETRY  | Regular     | LCLB      | OTHR     | MW   | 12:15P - 1:55P  | HATC | 3            | 28  | 20  | 9/7 - 12/14  |
| MTH 121-FA120  | PLANE TRIGONOMETRY  | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | A203 | 3            | 28  | 27  | 8/30 - 12/15 |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name  | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|---|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|--------------|
| Note: May be out of class testing in Academic Testing Center.                               |                     |             |           |          |      |                 |      |              |     |     |              |
| MTH 121-FA130   | PLANE TRIGONOMETRY  | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:25A | A203 | 3            | 28  | 23  | 8/29 - 12/14 |
| Note: Computer Aided Homework Section. Out of class testing in the Academic Testing Center. |                     |             |           |          |      |                 |      |              |     |     |              |
| MTH 121-FA140   | PLANE TRIGONOMETRY  | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:25P | A203 | 3            | 28  | 30  | 8/30 - 12/15 |
| MTH 121-FA150   | PLANE TRIGONOMETRY  | Regular     | LCLB      | DLTA     | TR   | 12:30P - 1:55P  | A203 | 3            | 28  | 29  | 8/30 - 12/15 |
| Note: Computer Aided Homework Section. Out of class testing in the Academic Testing Center. |                     |             |           |          |      |                 |      |              |     |     |              |
| MTH 121-FA210   | PLANE TRIGONOMETRY  | Regular     | LCLB      | DLTA     | MW   | 5:00P - 6:25P   | A213 | 3            | 28  | 22  | 8/29 - 12/14 |
| Note: May be out of class testing in Academic Testing Center.                               |                     |             |           |          |      |                 |      |              |     |     |              |
| MTH 121-FA310   | PLANE TRIGONOMETRY  | Regular     | LCLB      | DLTA     | TR   | 6:00P - 7:25P   | A203 | 3            | 28  | 22  | 8/30 - 12/15 |
| Note: A TI-83 or TI-84 graphing calculator is required.                                     |                     |             |           |          |      |                 |      |              |     |     |              |
| MTH 208W-FA110  | ELEM STATISTICS     | Regular     | LCLB      | DLTA     | MW   | 8:30A - 9:55A   | A213 | 3            | 28  | 21  | 8/29 - 12/14 |
| Note: Computer aided homework section.  |                     |             |           |          |      |                 |      |              |     |     |              |
| MTH 208W-FA120  | ELEM STATISTICS     | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | N210 | 3            | 28  | 29  | 8/30 - 12/15 |
| MTH 208W-FA122  | ELEM STATISTICS     | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:25A | A213 | 3            | 28  | 23  | 8/29 - 12/14 |
| Note: Out of class testing in the Academic Testing Center. Computer aided homework section. |                     |             |           |          |      |                 |      |              |     |     |              |
| MTH 208W-FA125  | ELEM STATISTICS     | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:25P | A204 | 3            | 28  | 29  | 8/30 - 12/15 |
| Note: Out of class testing in the Academic Testing Center. Computer aided homework section. |                     |             |           |          |      |                 |      |              |     |     |              |
| MTH 208W-FA130  | ELEM STATISTICS     | Regular     | LCLB      | DLTA     | MW   | 12:30P - 1:55P  | A205 | 3            | 28  | 27  | 8/29 - 12/14 |
| Note: Computer aided homework section.  |                     |             |           |          |      |                 |      |              |     |     |              |
| MTH 208W-FA210  | ELEM STATISTICS     | Regular     | LCLB      | DLTA     | TR   | 4:00P - 5:25P   | A203 | 3            | 28  | 25  | 8/30 - 12/15 |
| Note: Out of class testing in the Academic Testing Center. Computer aided homework section. |                     |             |           |          |      |                 |      |              |     |     |              |
| MTH 208W-FA220  | ELEM STATISTICS     | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P   | A203 | 3            | 28  | 27  | 8/31 - 12/14 |
| Note: Out of class testing in Academic Testing Center.                                      |                     |             |           |          |      |                 |      |              |     |     |              |
| MTH 208W-FA305  | ELEM STATISTICS     | Regular     | LCLB      | DLTA     | M    | 5:00P - 7:55P   | A203 | 3            | 28  | 24  | 8/29 - 12/12 |
| Note: Computer Aided Homework Section. Out of class testing in the Academic Testing Center. |                     |             |           |          |      |                 |      |              |     |     |              |
| MUS 100-FA110   | ELEMENTS OF MUSIC   | Regular     | LCLB      | DLTA     | T    | 2:00P - 4:55P   | S130 | 3            | 16  | 16  | 8/30 - 12/13 |
| MUS 100-FA120   | ELEMENTS OF MUSIC   | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | S130 | 3            | 16  | 16  | 8/30 - 12/13 |
| MUS 100-FA130   | ELEMENTS OF MUSIC   | Regular     | LCLB      | DLTA     | R    | 2:00P - 4:55P   | S130 | 3            | 16  | 15  | 9/1 - 12/15  |
| MUS 100-FA140   | ELEMENTS OF MUSIC   | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A  | S130 | 3            | 16  | 15  | 8/31 - 12/14 |
| MUS 100-FA150   | ELEMENTS OF MUSIC   | Regular     | LCLB      | DLTA     | W    | 2:00P - 4:55P   | S130 | 3            | 16  | 16  | 8/31 - 12/14 |
| MUS 111-FA110   | MUS APPRECIATION I  | Regular     | LCLB      | DLTA     | M    | 9:00A - 11:55A  | S131 | 3            | 25  | 24  | 8/29 - 12/12 |
| MUS 111-FA120   | MUS APPRECIATION I  | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A  | S131 | 3            | 25  | 24  | 8/31 - 12/14 |
| MUS 111-FA130   | MUS APPRECIATION I  | Regular     | LCLB      | DLTA     | R    | 8:00A - 10:55A  | S131 | 3            | 25  | 25  | 9/1 - 12/15  |
| MUS 118-FA110   | JAZZ HISTORY        | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | S125 | 3            | 20  | 20  | 8/29 - 12/12 |
| MUS 119W-FA110  | HIST OF ROCK & ROLL | Regular     | LCLB      | DLTA     | W    | 2:00P - 4:55P   | S125 | 3            | 25  | 25  | 8/31 - 12/14 |
| MUS 119W-FA310  | HIST OF ROCK & ROLL | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P   | S125 | 3            | 25  | 26  | 8/29 - 12/12 |
| OAT 150-FA110   | BUSINESS ENGLISH    | Regular     | LCLB      | DLTA     | W    | 2:00P - 4:55P   | J135 | 3            | 18  | 18  | 8/31 - 12/14 |
| OAT 151-FA130   | BUSINESS COMMCTN I  | Regular     | LCLB      | DLTA     | M    | 9:00A - 11:55A  | K104 | 3            | 18  | 16  | 8/29 - 12/12 |
| OAT 151-FA140   | BUSINESS COMMCTN I  | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | A123 | 3            | 18  | 19  | 8/30 - 12/13 |
| OAT 151-FA150   | BUSINESS COMMCTN I  | Regular     | LCLB      | DLTA     | R    | 11:00A - 1:55P  | G164 | 3            | 18  | 19  | 9/1 - 12/15  |
| OAT 151-FA160   | BUSINESS COMMCTN I  | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A  | M100 | 3            | 18  | 18  | 8/31 - 12/14 |
| OAT 151-FA220   | BUSINESS COMMCTN I  | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P   | K104 | 3            | 18  | 20  | 9/1 - 12/15  |
| OAT 151-FA350   | BUSINESS COMMCTN I  | Regular     | LCLB      | DCMC     | W    | 6:30P - 9:25P   | 103  | 3            | 18  | 18  | 8/31 - 12/14 |
| OAT 152-FA110   | BUSINESS COMMCTN II | Regular     | LCLB      | DLTA     | W    | 2:00P - 4:55P   | K104 | 3            | 18  | 17  | 8/31 - 12/14 |
| OAT 152-FA120   | BUSINESS COMMCTN II | Regular     | LCLB      | DLTA     | M    | 9:00A - 11:55A  | K109 | 3            | 18  | 16  | 8/29 - 12/12 |
| OAT 152-FA310   | BUSINESS COMMCTN II | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | A123 | 3            | 18  | 19  | 8/31 - 12/14 |
| Note: Required software is Word 2010.   |                     |             |           |          |      |                 |      |              |     |     |              |
| OAT 171-FA110   | DOC PROCESSING:BEG  | Regular     | LCLB      | DLTA     | R    | 11:00A - 1:55P  | K104 | 3            | 18  | 11  | 9/1 - 12/15  |
| OAT 171-FA120   | DOC PROCESSING:BEG  | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | K104 | 3            | 18  | 19  | 8/30 - 12/13 |
| OAT 171-FA130   | DOC PROCESSING:BEG  | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | K104 | 3            | 18  | 12  | 8/29 - 12/12 |
| OAT 171-FA310   | DOC PROCESSING:BEG  | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | K104 | 3            | 18  | 14  | 8/30 - 12/13 |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name  | Title                | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|---|----------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|--------------|
| <u>Note: Required software is Word 2010.</u>  |                      |             |           |          |      |                 |      |              |     |     |              |
| OAT 172-FA110   | DOC PROCESSING:INT   | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | K109 | 3            | 18  | 16  | 8/30 - 12/13 |
| OAT 172-FA210   | DOC PROCESSING:INT   | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | K109 | 3            | 18  | 9   | 8/29 - 12/12 |
| OAT 172-FA310   | DOC PROCESSING:INT   | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | K104 | 3            | 18  | 15  | 8/31 - 12/14 |
| OAT 243-FA110   | DIAGNOSTIC CODING    | Regular     | LCLB      | DLTA     | T    | 2:00P - 4:55P   | S060 | 3            | 20  | 20  | 8/30 - 12/13 |
| OAT 243-FA310   | DIAGNOSTIC CODING    | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P   | S057 | 3            | 20  | 20  | 8/29 - 12/12 |
| OAT 244-FA310   | PROCEDURE CODING     | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | J133 | 3            | 20  | 20  | 8/30 - 12/13 |
| OAT 254-FA110   | MED INSURANCE I      | Regular     | LCLB      | DLTA     | M    | 12:00P - 2:55P  | S224 | 3            | 20  | 11  | 8/29 - 12/12 |
| OAT 254-FA210   | MED INSURANCE I      | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P   | S054 | 3            | 20  | 13  | 9/1 - 12/15  |
| OAT 255-FA310   | MED INSURANCE II     | Regular     | LCLB      | DLTA     | T    | 2:00P - 4:55P   | E114 | 3            | 20  | 16  | 8/30 - 12/13 |
| OAT 260-FA310   | MED TRANSCRIPT BEG   | Regular     | LCLB      | DLTA     | R    | 11:00A - 1:55P  | K109 | 3            | 18  | 18  | 9/1 - 12/15  |
| OAT 262-FA310   | MED TRANSCRIPT INT   | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | K109 | 3            | 18  | 18  | 8/30 - 12/13 |
| <u>Note: Required software is Word 2010.</u>  |                      |             |           |          |      |                 |      |              |     |     |              |
| OAT 273-FA110   | DOC PROCESSING:ADV   | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A  | K109 | 3            | 18  | 15  | 8/31 - 12/14 |
| OAT 285W-FA310  | OFFICE TECHNOLOGY    | Regular     | LCLB      | DLTA     | M    | 7:00P - 9:55P   | K114 | 3            | 18  | 18  | 8/29 - 12/12 |
| PHL 203W-FA120  | BUSINESS ETHICS      | Regular     | LCLB      | DLTA     | TR   | 12:00P - 1:25P  | S035 | 3            | 25  | 24  | 8/30 - 12/15 |
| PHL 203W-FA130  | BUSINESS ETHICS      | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:25P   | S058 | 3            | 25  | 24  | 8/30 - 12/15 |
| PHL 203W-FA140  | BUSINESS ETHICS      | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | S226 | 3            | 25  | 23  | 8/29 - 12/12 |
| PHL 203W-FA150  | BUSINESS ETHICS      | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P   | S263 | 3            | 25  | 25  | 8/29 - 12/12 |
| PHL 205W-FA110  | MEDIA ETHICS & LAW   | Regular     | LCLB      | DLTA     | R    | 2:00P - 4:55P   | J141 | 3            | 25  | 25  | 9/1 - 12/15  |
| PHL 211-FA110   | INTRO TO PHILOSOPHY  | Regular     | LCLB      | DLTA     | T    | 2:00P - 4:55P   | S260 | 3            | 25  | 23  | 8/30 - 12/13 |
| PHL 213W-FA110  | INTRODUCTN TO ETHIC  | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | S253 | 3            | 25  | 26  | 8/30 - 12/15 |
| PHL 215W-FA130  | HEALTH CARE ETHICS   | Regular     | LCLB      | DCMC     | TR   | 10:00A - 11:30A | 105  | 3            | 25  | 22  | 8/30 - 12/15 |
| <u>Note: This section has a large number of dual enrolled high school students.</u>   |                      |             |           |          |      |                 |      |              |     |     |              |
| PHL 215W-FA140  | HEALTH CARE ETHICS   | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | S260 | 3            | 25  | 25  | 8/30 - 12/13 |
| PHL 215W-FA150  | HEALTH CARE ETHICS   | Regular     | LCLB      | DCMC     | TR   | 11:30A - 1:00P  | 105  | 3            | 25  | 26  | 8/30 - 12/15 |
| <u>Note: This section has a large number of dual enrolled high school students.</u>   |                      |             |           |          |      |                 |      |              |     |     |              |
| PHL 215W-FA160  | HEALTH CARE ETHICS   | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:25A | S266 | 3            | 25  | 25  | 8/29 - 12/14 |
| PHL 215W-FA170  | HEALTH CARE ETHICS   | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:25P  | S266 | 3            | 25  | 24  | 8/29 - 12/14 |
| PHL 215W-FA180  | HEALTH CARE ETHICS   | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:25P  | D133 | 3            | 25  | 26  | 8/29 - 12/14 |
| PHL 215W-FA190  | HEALTH CARE ETHICS   | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | F005 | 3            | 25  | 27  | 8/30 - 12/13 |
| PHL 215W-FA195  | HEALTH CARE ETHICS   | Regular     | LCLB      | DLTA     | W    | 2:00P - 4:55P   | S226 | 3            | 25  | 26  | 8/31 - 12/14 |
| PHL 215W-FA310  | HEALTH CARE ETHICS   | Regular     | LCLB      | DCMC     | W    | 6:00P - 8:55P   | 203  | 3            | 25  | 27  | 8/31 - 12/14 |
| <u>Note: Some films will be rated R.</u>  |                      |             |           |          |      |                 |      |              |     |     |              |
| PHL 225W-FA110  | PHILOSOPHY AND FILM  | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | S059 | 3            | 25  | 22  | 8/29 - 12/12 |
| <u>Note: Requires out-of-class testing in the Academic Testing Center (library).</u>  |                      |             |           |          |      |                 |      |              |     |     |              |
| PHM 285-FA110   | PHARM FOR HLTH CARE  | Regular     | LCLB      | RICK     | F    | 1:00P - 4:00P   | 112  | 3            | 25  | 28  | 9/2 - 12/18  |
| PHM 285-FA310   | PHARM FOR HLTH CARE  | Regular     | LCLB      | DLTA     | R    | 4:00P - 7:00P   | F250 | 3            | 25  | 25  | 9/1 - 12/15  |
| <u>Note: Same as POL 104HW except without civic engagement project.</u>   |                      |             |           |          |      |                 |      |              |     |     |              |
| POL 103HW-FA110   | HNRS AMER GOVERNMENT | Regular     | LCLB      | DLTA     | R    | 8:00A - 10:55A  | P110 | 3            | 22  | 25  | 9/1 - 12/15  |
| <u>Note: Must qualify for Honors Program. Contact Honors at 686-9091 or &lt;a href="http://www3.delta.edu/honors/"&gt;Honors Website&lt;/a&gt; for details.</u> |                      |             |           |          |      |                 |      |              |     |     |              |
| <u>Note: Same as POL 104W except without civic engagement project.</u>  |                      |             |           |          |      |                 |      |              |     |     |              |
| POL 103W-FA110  | AMERICAN GOVERNMENT  | Regular     | LCLB      | DCPL     | MW   | 8:00A - 9:25A   | 212  | 3            | 25  | 29  | 8/29 - 12/14 |
| POL 103W-FA115  | AMERICAN GOVERNMENT  | Regular     | LCLB      | DLTA     | TR   | 8:00A - 9:25A   | J132 | 3            | 25  | 29  | 8/30 - 12/15 |
| POL 103W-FA120  | AMERICAN GOVERNMENT  | Regular     | LCLB      | DLTA     | T    | 8:00A - 10:55A  | J140 | 3            | 25  | 27  | 8/30 - 12/13 |
| POL 103W-FA123  | AMERICAN GOVERNMENT  | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:25P   | J136 | 3            | 25  | 26  | 8/29 - 12/14 |
| POL 103W-FA124  | AMERICAN GOVERNMENT  | Regular     | LCLB      | RICK     | TR   | 8:30A - 9:55A   | 112  | 3            | 25  | 26  | 8/30 - 12/15 |
| POL 103W-FA125  | AMERICAN GOVERNMENT  | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | J137 | 3            | 25  | 27  | 8/30 - 12/15 |
| POL 103W-FA127  | AMERICAN GOVERNMENT  | Regular     | LCLB      | DCMC     | T    | 9:00A - 11:55A  | 156  | 3            | 25  | 25  | 8/30 - 12/13 |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name   | Title                 | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|--|-----------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|--------------|
| POL 103W-FA130   | AMERICAN GOVERNMENT   | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:25A | J136 | 3            | 25  | 22  | 8/29 - 12/14 |
| POL 103W-FA140   | AMERICAN GOVERNMENT   | Regular     | LCLB      | DLTA     | MW   | 10:30A - 11:55A | J133 | 3            | 25  | 27  | 8/29 - 12/14 |
| POL 103W-FA145   | AMERICAN GOVERNMENT   | Regular     | LCLB      | DLTA     | MW   | 10:30A - 11:55A | M104 | 3            | 25  | 19  | 8/29 - 12/14 |
| POL 103W-FA150   | AMERICAN GOVERNMENT   | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:25P  | J137 | 3            | 25  | 24  | 8/29 - 12/14 |
| POL 103W-FA155   | AMERICAN GOVERNMENT   | Regular     | LCLB      | DLTA     | MW   | 12:30P - 1:55P  | J138 | 3            | 25  | 30  | 8/29 - 12/14 |
| POL 103W-FA156   | AMERICAN GOVERNMENT   | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | J140 | 3            | 25  | 30  | 8/30 - 12/13 |
| POL 103W-FA157   | AMERICAN GOVERNMENT   | Regular     | LCLB      | DLTA     | W    | 2:00P - 4:55P   | J132 | 3            | 25  | 27  | 8/31 - 12/14 |
| POL 103W-FA158   | AMERICAN GOVERNMENT   | Regular     | LCLB      | DLTA     | R    | 11:00A - 1:55P  | J140 | 3            | 25  | 28  | 9/1 - 12/15  |
| POL 103W-FA159   | AMERICAN GOVERNMENT   | Regular     | LCLB      | DLTA     | TR   | 12:30P - 1:55P  | J136 | 3            | 25  | 29  | 8/30 - 12/15 |
| POL 103W-FA160   | AMERICAN GOVERNMENT   | Regular     | LCLB      | DLTA     | TR   | 12:30P - 1:55P  | M163 | 3            | 25  | 23  | 8/30 - 12/15 |
| POL 103W-FA165   | AMERICAN GOVERNMENT   | Regular     | LCLB      | DLTA     | MW   | 12:30P - 1:55P  | J140 | 3            | 25  | 27  | 8/29 - 12/14 |
| POL 103W-FA170   | AMERICAN GOVERNMENT   | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:25P   | J133 | 3            | 25  | 25  | 8/30 - 12/15 |
| POL 103W-FA175   | AMERICAN GOVERNMENT   | Regular     | LCLB      | DLTA     | T    | 2:00P - 4:55P   | J137 | 3            | 25  | 26  | 8/30 - 12/13 |
| POL 103W-FA180   | AMERICAN GOVERNMENT   | Regular     | LCLB      | DLTA     | R    | 3:00P - 5:55P   | J137 | 3            | 25  | 25  | 9/1 - 12/15  |
| POL 103W-FA240   | AMERICAN GOVERNMENT   | Regular     | LCLB      | DLTA     | M    | 5:00P - 7:55P   | J137 | 3            | 25  | 27  | 8/29 - 12/12 |
| POL 103W-FA250   | AMERICAN GOVERNMENT   | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P   | J140 | 3            | 25  | 27  | 8/31 - 12/14 |
| POL 103W-FA260   | AMERICAN GOVERNMENT   | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P   | J141 | 3            | 25  | 24  | 8/31 - 12/14 |
| POL 103W-FA305   | AMERICAN GOVERNMENT   | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | J140 | 3            | 25  | 24  | 8/30 - 12/13 |
| POL 103W-FA310   | AMERICAN GOVERNMENT   | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P   | J138 | 3            | 25  | 23  | 8/29 - 12/12 |
| POL 103W-FA315   | AMERICAN GOVERNMENT   | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P   | J139 | 3            | 25  | 25  | 8/29 - 12/12 |
| POL 103W-FA320   | AMERICAN GOVERNMENT   | Regular     | LCLB      | RICK     | W    | 6:00P - 8:55P   | 115  | 3            | 25  | 26  | 8/31 - 12/14 |
| POL 103W-FA323   | AMERICAN GOVERNMENT   | Regular     | LCLB      | DCMC     | W    | 6:00P - 8:55P   | 156  | 3            | 25  | 28  | 8/31 - 12/14 |
| POL 103W-FA325   | AMERICAN GOVERNMENT   | Regular     | LCLB      | DLTA     | R    | 6:30P - 9:25P   | J137 | 3            | 25  | 22  | 9/1 - 12/15  |
| POL 103W-FA330   | AMERICAN GOVERNMENT   | Regular     | LCLB      | RICK     | T    | 6:00P - 8:55P   | 112  | 3            | 25  | 26  | 8/30 - 12/13 |
| POL 103W-FA332   | AMERICAN GOVERNMENT   | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P   | J135 | 3            | 25  | 25  | 9/1 - 12/15  |
| POL 103W-FA345   | AMERICAN GOVERNMENT   | Regular     | LCLB      | DCPL     | R    | 6:30P - 9:25P   | 213  | 3            | 25  | 29  | 9/1 - 12/15  |
| POL 103W-FA350   | AMERICAN GOVERNMENT   | Regular     | LCLB      | DLTA     | W    | 6:30P - 9:25P   | J132 | 3            | 25  | 25  | 8/31 - 12/14 |
| POL 103W-FA360   | AMERICAN GOVERNMENT   | Regular     | LCLB      | DCMC     | M    | 7:00P - 9:55P   | 155  | 3            | 25  | 25  | 8/29 - 12/12 |
| POL 103W-FA365   | AMERICAN GOVERNMENT   | Regular     | LCLB      | DLTA     | T    | 7:00P - 9:55P   | J141 | 3            | 25  | 25  | 8/30 - 12/13 |
| POL 103W-FA370   | AMERICAN GOVERNMENT   | Regular     | LCLB      | DLTA     | T    | 7:00P - 9:55P   | E110 | 3            | 25  | 27  | 8/30 - 12/13 |
| POL 103W-FA380   | AMERICAN GOVERNMENT   | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | J138 | 3            | 25  | 26  | 8/30 - 12/13 |
| POL 103W-FA410   | AMERICAN GOVERNMENT   | Regular     | LCLB      | DLTA     | S    | 9:00A - 11:55A  | J132 | 3            | 25  | 25  | 8/27 - 12/17 |
| POL 212W-FA110   | STATE & LOCAL GOVT    | Regular     | LCLB      | RICK     | M    | 3:30P - 6:25P   | 114  | 3            | 25  | 19  | 8/29 - 12/12 |
| POL 215W-FA110   | INTRO POL THOUGHT     | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:25P | J136 | 3            | 25  | 24  | 8/30 - 12/15 |
| POL 220W-FA110   | MINORITY GRP POLITICS | Regular     | LCLB      | DLTA     | MW   | 9:30A - 10:55A  | J139 | 3            | 25  | 23  | 8/29 - 12/14 |
| POL 221W-FA110   | COMPARATIVE GOVRNM    | Regular     | LCLB      | DLTA     | MW   | 12:30P - 1:55P  | M151 | 3            | 25  | 25  | 8/29 - 12/14 |
| POL 225W-FA110   | WORLD POLITICS        | Regular     | LCLB      | RICK     | MW   | 12:00P - 1:25P  | 112  | 3            | 25  | 22  | 8/29 - 12/14 |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> . |                       |             |           |          |      |                 |      |              |     |     |              |
| POL 225W-FA120   | WORLD POLITICS        | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:25P   | J134 | 3            | 25  | 24  | 8/30 - 12/15 |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> . |                       |             |           |          |      |                 |      |              |     |     |              |
| POL 229W-FA110   | POLITICAL TERRORISM   | Regular     | LCLB      | DLTA     | MW   | 12:30P - 1:55P  | M163 | 3            | 25  | 26  | 8/29 - 12/14 |
| PSY 101W-FA110   | APPLIED PSYCHOLOGY    | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | S228 | 3            | 25  | 26  | 8/29 - 12/12 |
| PSY 101W-FA305   | APPLIED PSYCHOLOGY    | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P   | S221 | 3            | 25  | 25  | 8/29 - 12/12 |
| PSY 101W-FA308   | APPLIED PSYCHOLOGY    | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | S225 | 3            | 25  | 23  | 8/30 - 12/13 |
| PSY 101W-FA310   | APPLIED PSYCHOLOGY    | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | S221 | 3            | 25  | 26  | 8/31 - 12/14 |
| PSY 223W-FA110   | CHILD PSYCHOLOGY      | Regular     | LCLB      | DLTA     | MW   | 12:30P - 1:55P  | S253 | 3            | 25  | 29  | 8/29 - 12/14 |
| PSY 223W-FA120   | CHILD PSYCHOLOGY      | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | J141 | 3            | 25  | 22  | 8/30 - 12/15 |
| PSY 223W-FA130   | CHILD PSYCHOLOGY      | Regular     | LCLB      | DLTA     | TR   | 12:00P - 1:25P  | J141 | 3            | 25  | 26  | 8/30 - 12/15 |
| PSY 241W-FA110   | ABNORMAL PSYCHOLOGY   | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | S225 | 3            | 25  | 28  | 8/30 - 12/15 |

This course will use online resources requiring an access code(included in the textbook price at the Delta College Bookstore).Purchasing textbooks elsewhere may require purchase of an individual access code through the publisher.



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name  | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|---|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|--------------|
| PSY 241W-FA120  | ABNORMAL PSYCHOLOGY | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:25A | S221 | 3            | 25  | 26  | 8/29 - 12/14 |
| <i>Note: Same as SOC 300W and may be taken for PSY or SOC credit but not both.</i>                              |                     |             |           |          |      |                 |      |              |     |     |              |
| PSY 300W-FA310  | INTERVIEW & COUNSEL | Regular     | LCLB      | DLTA     | T    | 7:00P - 9:55P   | S253 | 3            | 20  | 1   | 8/30 - 12/13 |
| RC 101-FA110  | CONSTRCTN PRNT INTR | Regular     | LCLB      | DLTA     | M    | 12:00P - 2:55P  | N202 | 3            | 25  | 18  | 8/29 - 12/12 |
| RC 101-FA210  | CONSTRCTN PRNT INTR | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P   | N202 | 3            | 25  | 18  | 9/1 - 12/15  |
| RC 104-FA110  | CONSTRUCTION LAB    | Regular     | LCLB      | DLTA     | T    | 11:00A - 3:55P  | 150B | 3            | 15  | 11  | 8/30 - 12/13 |
| <i>Note: A &lt;a href="http://www.delta.edu/pages/10924.aspx"&gt;Sustainability Related Course &lt;/a&gt; .</i> |                     |             |           |          |      |                 |      |              |     |     |              |
| RC 106-FA110  | CONCRETE/FOUNDATION | Regular     | LCLB      | DLTA     | R    | 11:00A - 2:55P  | L114 | 3            | 15  | 11  | 9/1 - 12/15  |
| RC 200W-FA310   | CONTRACTING RUL/REG | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | L112 | 3            | 20  | 14  | 8/30 - 12/13 |
| RC 203-FA120  | RESIDENTIAL CAD     | Regular     | LCLB      | DLTA     | F    | 9:00A - 1:55P   | M103 | 3            | 18  | 16  | 9/2 - 12/16  |
| RHA 121-FA110   | FUND REFRG & A/C    | Regular     | LCLB      | DLTA     | M    | 9:00A - 11:55A  | M151 | 3            | 15  | 15  | 8/29 - 12/12 |
| RHA 121-FA510   | FUND REFRG & A/C    | Regular     | LCLB      | DLTA     | M    | 5:00P - 7:55P   | M151 | 3            | 10  | 10  | 8/29 - 12/12 |
| RHA 122-FA510   | REFRG & A/C SERV I  | Regular     | LCLB      | DLTA     | M    | 5:00P - 7:55P   | M140 | 3            | 13  | 8   | 8/29 - 12/12 |
| RHA 123-FA510   | COMM REF FLOW CON I | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A  | M151 | 3            | 15  | 15  | 8/31 - 12/14 |
| RHA 126-FA510   | REF PIPING PRACTICE | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P   | M140 | 3            | 15  | 15  | 9/1 - 12/15  |
| RHA 135-FA110   | HEATING SYSTEMS     | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | M151 | 3            | 15  | 15  | 8/30 - 12/13 |
| RHA 140-FA110   | APPL ELECTRICITY I  | Regular     | LCLB      | DLTA     | R    | 2:00P - 4:55P   | L106 | 3            | 15  | 15  | 9/1 - 12/15  |
| RHA 142-FA510   | SHEETMETAL LAYOUT I | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P   | M150 | 3            | 7   | 7   | 9/1 - 12/15  |
| RHA 146-FA210   | RESIDENTL A/C SYS   | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P   | M145 | 3            | 15  | 15  | 8/31 - 12/14 |
| RHA 210W-FA110  | COMMERCIAL A/C      | Regular     | LCLB      | DLTA     | R    | 11:00A - 1:55P  | M151 | 3            | 15  | 11  | 9/1 - 12/15  |
| RHA 235-FA210   | HYDRO & OIL HEATING | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | M140 | 3            | 15  | 15  | 8/30 - 12/13 |
| <i>Note: Registration in RT courses requires successful clinical entry.</i>                                     |                     |             |           |          |      |                 |      |              |     |     |              |
| RT 117-FA110  | BASIC RESP CARE I   | Regular     | LCLB      | DLTA     | MT   | 9:00A - 2:55P   | F245 | 3            | 15  | 17  | 8/29 - 12/13 |
| <i>Note: Meets MT 9AM-2:55PM various weeks. A Master Schedule will be provided at orientation.</i>              |                     |             |           |          |      |                 |      |              |     |     |              |
| RT 207-FA110  | CARDO-PULMON PATHO  | Regular     | LCLB      | DLTA     | F    | 9:00A - 12:00P  | F245 | 3            | 15  | 13  | 9/2 - 12/16  |
| <i>Note: A Master Schedule will be provided.</i>  |                     |             |           |          |      |                 |      |              |     |     |              |
| RT 211-FA110  | ADV CARDIOPUL PHYS  | Regular     | LCLB      | DLTA     | WR   | 11:00A - 1:55P  | F245 | 3            | 15  | 13  | 8/31 - 12/15 |
| <i>Note: Meets WR 11AM-1:55PM or 9AM-12:00PM various weeks. A Master Schedule will be provided.</i>             |                     |             |           |          |      |                 |      |              |     |     |              |
| SKCA 120-FA510  | INTRO TO CAM        | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:55P | L117 | 3            | 2   | 1   | 8/30 - 12/13 |
| SKEL 111-FA310  | CONVENTION CONTROL  | Regular     | LCLB      | DLTA     | T    | 6:00P - 7:25P   | L114 | 3            | 16  | 15  | 8/30 - 12/13 |
|   |                     | Regular     | LN2       | DLTA     | T    | 7:30P - 8:55P   | L118 | 3            |     |     | 8/30 - 12/13 |
| SKEL 111-FA320  | CONVENTION CONTROL  | Regular     | LCLB      | DLTA     | F    | 6:00P - 7:25P   | L114 | 3            | 16  | 11  | 9/9 - 12/16  |
|   |                     | Regular     | LN2       | DLTA     | F    | 7:30P - 8:55P   | L118 | 3            |     |     | 9/9 - 12/16  |
| SKEL 131-FA310  | AC/DC MACHINERY     | Regular     | LCLB      | DLTA     | W    | 6:00P - 9:08P   | L114 | 3            | 20  | 16  | 9/7 - 12/14  |
| SKMA 097-FA510  | ALGEBRA I           | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | A205 | 3            | 9   | 3   | 8/30 - 12/13 |
| SKMT 101-FA310  | HYDRAUL/PNEUMATIC I | Regular     | LCLB      | DLTA     | T    | 6:00P - 7:55P   | L106 | 3            | 4   | 4   | 8/30 - 12/13 |
|   |                     | Regular     | LN2       | DLTA     | T    | 8:00P - 9:55P   | L126 | 3            |     |     | 8/30 - 12/13 |
|   |                     | Regular     |           | DLTA     |      | -               | A    | 3            |     |     | -            |
| SKMT 101-FA520  | HYDRAUL/PNEUMATIC I | Regular     | LCLB      | DLTA     | W    | 5:00P - 6:55P   | L112 | 3            | 6   | 5   | 8/31 - 12/14 |
|   |                     | Regular     | LN2       | DLTA     | W    | 7:00P - 8:55P   | L126 | 3            |     |     | 8/31 - 12/14 |
|   |                     | Regular     |           | DLTA     |      | -               | A    | 3            |     |     | -            |
| <i>OSHA approved safety glasses are required for this course</i>  |                     |             |           |          |      |                 |      |              |     |     |              |
| SKMT 111-FA310  | METALS              | Regular     | LCLB      | DLTA     | T    | 6:00P - 7:25P   | N202 | 3            | 18  | 15  | 8/30 - 12/13 |
|   |                     | Regular     | LN2       | DLTA     | T    | 7:30P - 8:55P   | L118 | 3            |     |     | 8/30 - 12/13 |
| SKMT 151-FA510  | POWER TRANSMISSION  | Regular     | LCLB      | DLTA     | W    | 6:00P - 6:55P   | L106 | 3            | 8   | 7   | 8/31 - 12/14 |
|   |                     | Regular     | LN2       | DLTA     | W    | 7:00P - 8:55P   | L113 | 3            |     |     | 8/31 - 12/14 |
| SKMT 171-FA510  | SHEET METAL I       | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P   | M150 | 3            | 9   | 9   | 9/1 - 12/15  |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name   | Title                 | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|--|-----------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|--------------|
| SKPT 121-FA510   | FUND REFRG & A/C      | Regular     | LCLB      | DLTA     | M    | 5:00P - 7:55P   | M151 | 3            | 5   | 5   | 8/29 - 12/12 |
| SKPT 122-FA510   | REFRG & A/C SERV I    | Regular     | LCLB      | DLTA     | M    | 5:00P - 7:55P   | M140 | 3            | 2   | 1   | 8/29 - 12/12 |
| SKPT 123-FA510   | COMM RFRG TN I        | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A  | M151 | 3            | 5   | 0   | 8/31 - 12/14 |
| SOC 211HW-FA651  | HNRS PRINCPL SOCIOLG  | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | S058 | 3            | 18  | 10  | 8/30 - 12/13 |
| Note: <b><font color=red>Learning Community Course.</font></b> Must also register for LIT 201HW FA651. Click <a href="http://www.delta.edu/pages/972.aspx">Learning Communities</a> for more information. Must qualify for Honors Program to enroll in these courses. Contact Honors Program office at 686-9091 or <a href="http://www3.delta.edu/honors/">Honors Website</a> for details. |                       |             |           |          |      |                 |      |              |     |     |              |
| SOC 211HW-FA652  | HNRS PRINCPL SOCIOLG  | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | S058 | 3            | 18  | 7   | 8/30 - 12/13 |
| Note: <b><font color=red>Learning Community Course.</font></b> Must also register for IHU 201HW FA652. Click <a href="http://www.delta.edu/pages/972.aspx">Learning Communities</a> for more information. Must qualify for Honors Program to enroll in these courses. Contact Honors Program office at 686-9091 or <a href="http://www3.delta.edu/honors/">Honors Website</a> for details. |                       |             |           |          |      |                 |      |              |     |     |              |
| SOC 211W-FA105   | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | DLTA     | T    | 8:00A - 10:55A  | F007 | 3            | 25  | 26  | 8/30 - 12/13 |
| SOC 211W-FA110   | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | DLTA     | R    | 8:00A - 10:55A  | F003 | 3            | 25  | 24  | 9/1 - 12/15  |
| SOC 211W-FA115   | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A  | S055 | 3            | 25  | 22  | 8/31 - 12/14 |
| SOC 211W-FA117   | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A  | L106 | 3            | 25  | 23  | 8/31 - 12/14 |
| SOC 211W-FA120   | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | DCMC     | F    | 11:00A - 1:55P  | 154  | 3            | 25  | 24  | 9/2 - 12/16  |
| SOC 211W-FA123   | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | RICK     | T    | 12:00P - 2:55P  | 115  | 3            | 25  | 25  | 8/30 - 12/13 |
| SOC 211W-FA125   | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | DLTA     | R    | 11:00A - 1:55P  | F007 | 3            | 25  | 24  | 9/1 - 12/15  |
| SOC 211W-FA130   | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | DLTA     | R    | 11:00A - 1:55P  | S060 | 3            | 25  | 27  | 9/1 - 12/15  |
| SOC 211W-FA133   | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | DLTA     | R    | 11:00A - 1:55P  | F006 | 3            | 25  | 21  | 9/1 - 12/15  |
| SOC 211W-FA135   | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | F007 | 3            | 25  | 26  | 8/30 - 12/13 |
| SOC 211W-FA140   | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | DLTA     | M    | 9:00A - 11:55A  | S041 | 3            | 25  | 24  | 8/29 - 12/12 |
| SOC 211W-FA145   | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | S041 | 3            | 25  | 24  | 8/29 - 12/12 |
| SOC 211W-FA150   | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | DLTA     | W    | 2:00P - 4:55P   | S258 | 3            | 25  | 23  | 8/31 - 12/14 |
| SOC 211W-FA162   | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | OTHR     | TR   | 1:00P - 2:25P   | FREE | 3            | 0   | 14  | 9/8 - 12/20  |
| SOC 211W-FA210   | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | DLTA     | R    | 3:00P - 5:55P   | S060 | 3            | 25  | 27  | 9/1 - 12/15  |
| SOC 211W-FA220   | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | DCMC     | M    | 5:00P - 7:55P   | 156  | 3            | 25  | 24  | 8/29 - 12/12 |
| SOC 211W-FA305   | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | S263 | 3            | 25  | 27  | 8/30 - 12/13 |
| SOC 211W-FA310   | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | S224 | 3            | 25  | 27  | 8/31 - 12/14 |
| SOC 211W-FA320   | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | S266 | 3            | 25  | 25  | 8/30 - 12/13 |
| SOC 211W-FA330   | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P   | S260 | 3            | 25  | 25  | 8/29 - 12/12 |
| SOC 211W-FA340   | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | RICK     | R    | 6:00P - 8:55P   | 112  | 3            | 25  | 25  | 9/1 - 12/15  |
| SOC 215W-FA120   | SOC MINORITY GROUPS   | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | M105 | 3            | 25  | 24  | 8/29 - 12/12 |
| SOC 215W-FA125   | SOC MINORITY GROUPS   | Regular     | LCLB      | RICK     | M    | 2:00P - 4:55P   | 113  | 3            | 25  | 21  | 8/29 - 12/12 |
| SOC 221W-FA110   | MARRIAGE AND FAMILY   | Regular     | LCLB      | DCMC     | M    | 11:00A - 1:55P  | 103  | 3            | 25  | 19  | 8/29 - 12/12 |
| SOC 231W-FA110   | CULTURAL ANTHROPOLOGY | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | S060 | 3            | 25  | 24  | 8/30 - 12/13 |
| <u>Note: Course also requires 45 practicum hours in a social work setting.</u>   |                       |             |           |          |      |                 |      |              |     |     |              |
| SOC 250W-FA110   | INTRO SOCIAL WORK     | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | F006 | 3            | 25  | 26  | 8/30 - 12/13 |
| SOC 250W-FA310   | INTRO SOCIAL WORK     | Regular     | LCLB      | RICK     | R    | 6:30P - 9:25P   | 113  | 3            | 25  | 24  | 9/1 - 12/15  |
| <u>Note: Same as PSY 300W and may be taken for SOC or PSY credit but not both.</u>   |                       |             |           |          |      |                 |      |              |     |     |              |
| SOC 300W-FA310   | INTERVIEW & COUNSEL   | Regular     | LCLB      | DLTA     | T    | 7:00P - 9:55P   | S253 | 3            | 20  | 20  | 8/30 - 12/13 |
| SSI 120W-FA110   | INTRO GLOBAL PEACE    | Regular     | LCLB      | DLTA     | T    | 2:00P - 4:55P   | P110 | 3            | 25  | 4   | 8/30 - 12/13 |
| Note: Credit may be earned in SSI 120W or IHU 120W, but not both.  |                       |             |           |          |      |                 |      |              |     |     |              |
| WET 110-FA310  | WATER TREATMENT       | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | F111 | 3            | 20  | 21  | 8/30 - 12/13 |
| WET 112-FA310  | WASTEWATER TREATMNT   | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P   | F111 | 3            | 16  | 12  | 9/1 - 12/15  |
| WET 212-FA310  | ADV WATER TREATMENT   | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | F111 | 3            | 16  | 12  | 8/31 - 12/14 |
| WTT 100-FA210  | INTRO WIND ENERGY     | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P   | L112 | 3            | 18  | 19  | 8/29 - 12/12 |
| ACC 111-FA110  | INTRO ACCOUNTING      | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | F003 | 4            | 25  | 26  | 8/29 - 12/14 |
| ACC 111-FA120  | INTRO ACCOUNTING      | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | F003 | 4            | 25  | 26  | 8/29 - 12/14 |
| ACC 111-FA210  | INTRO ACCOUNTING      | Regular     | LCLB      | RICK     | TR   | 4:00P - 5:55P   | 111  | 4            | 25  | 25  | 8/30 - 12/15 |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name   | Title                | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|--|----------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|--------------|
| ACC 111-FA310  | INTRO ACCOUNTING     | Regular     | LCLB      | DLTA     | MW   | 7:00P - 8:55P   | J135 | 4            | 25  | 19  | 8/29 - 12/14 |
| <i>Note: All sections require the use of the Internet and purchase of WileyPlus.</i>   |                      |             |           |          |      |                 |      |              |     |     |              |
| ACC 211-FA110  | PRIN ACCOUNTING I    | Regular     | LCLB      | DLTA     | MW   | 8:30A - 10:55A  | N210 | 4            | 25  | 25  | 8/29 - 12/14 |
| ACC 211-FA120  | PRIN ACCOUNTING I    | Regular     | LCLB      | DCMC     | TR   | 9:00A - 11:25A  | 155  | 4            | 25  | 24  | 8/30 - 12/15 |
| ACC 211-FA130  | PRIN ACCOUNTING I    | Regular     | LCLB      | DLTA     | TR   | 8:30A - 10:55A  | J139 | 4            | 25  | 24  | 8/30 - 12/15 |
| ACC 211-FA140  | PRIN ACCOUNTING I    | Regular     | LCLB      | DLTA     | TR   | 11:00A - 1:25P  | J138 | 4            | 25  | 32  | 8/30 - 12/15 |
| ACC 211-FA310  | PRIN ACCOUNTING I    | Regular     | LCLB      | DLTA     | MW   | 6:00P - 8:25P   | J134 | 4            | 25  | 25  | 8/29 - 12/14 |
| ACC 211-FA320  | PRIN ACCOUNTING I    | Regular     | LCLB      | DLTA     | MW   | 6:00P - 8:25P   | J133 | 4            | 25  | 24  | 8/29 - 12/14 |
| ACC 211-FA340  | PRIN ACCOUNTING I    | Regular     | LCLB      | DLTA     | TR   | 7:00P - 9:25P   | C111 | 4            | 25  | 25  | 8/30 - 12/15 |
| ACC 211-FA350  | PRIN ACCOUNTING I    | Regular     | LCLB      | DCPL     | TR   | 6:00P - 8:25P   | 212  | 4            | 25  | 24  | 8/30 - 12/15 |
| <i>Note: All sections require the use of the Internet and purchase of WileyPlus.</i>   |                      |             |           |          |      |                 |      |              |     |     |              |
| ACC 212-FA120  | PRIN OF ACCTG II     | Regular     | LCLB      | DLTA     | TR   | 11:00A - 1:25P  | J137 | 4            | 25  | 27  | 8/30 - 12/15 |
| <i>Note: All Accounting program students are strongly encouraged totake ACC 214 with ACC 212.</i>  |                      |             |           |          |      |                 |      |              |     |     |              |
| ACC 212-FA130  | PRIN OF ACCTG II     | Regular     | LCLB      | DLTA     | MW   | 8:00A - 10:25A  | J133 | 4            | 25  | 22  | 8/29 - 12/14 |
| ACC 212-FA320  | PRIN OF ACCTG II     | Regular     | LCLB      | DLTA     | TR   | 7:00P - 9:25P   | J132 | 4            | 25  | 24  | 8/30 - 12/15 |
| ACC 214-FA310  | MICRO ACCTG APPLI    | Regular     | LCLB      | DLTA     | M    | 6:00P - 9:55P   | K107 | 4            | 18  | 17  | 8/29 - 12/12 |
| ACC 227W-FA110   | INT ACC 1            | Regular     | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | J138 | 4            | 25  | 24  | 8/30 - 12/15 |
| ACC 227W-FA310   | INT ACC 1            | Regular     | LCLB      | DLTA     | T    | 6:00P - 7:55P   | K116 | 4            | 25  | 26  | 8/30 - 12/13 |
|  |                      | Regular     | LN2       | DLTA     | T    | 8:00P - 9:55P   | K111 | 4            |     |     | 8/30 - 12/13 |
| ARC 105-FA210  | ARCH DRAFTING I      | Regular     | LCLB      | DLTA     | TR   | 5:00P - 8:15P   | N204 | 4            | 18  | 11  | 9/6 - 12/15  |
| ASL 112W-FA110   | AM SIGN LANGUAGE II  | Regular     | LCLB      | DLTA     | TR   | 12:00P - 1:55P  | S261 | 4            | 15  | 20  | 8/30 - 12/15 |
| ASL 112W-FA120   | AM SIGN LANGUAGE II  | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | E126 | 4            | 15  | 7   | 8/29 - 12/14 |
| ASL 112W-FA210   | AM SIGN LANGUAGE II  | Regular     | LCLB      | DLTA     | M    | 6:00P - 9:55P   | S228 | 4            | 15  | 19  | 8/29 - 12/12 |
| BIO 101W-FA110   | INTRO ANAT & PHYSIO  | Regular     | LCLB      | DLTA     | TR   | 8:00A - 9:55A   | C110 | 4            | 20  | 22  | 8/30 - 12/15 |
| BIO 101W-FA120   | INTRO ANAT & PHYSIO  | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | C110 | 4            | 20  | 20  | 8/29 - 12/14 |
| BIO 101W-FA130   | INTRO ANAT & PHYSIO  | Regular     | LCLB      | DCMC     | M    | 12:00P - 1:55P  | 106  | 4            | 20  | 17  | 8/29 - 12/14 |
|  |                      | Regular     | LCLB      | DCMC     | W    | 12:00P - 1:55P  | C110 | 4            |     |     | 8/29 - 12/14 |
| <i>Note: Meets at Midland Campus on Mondays for lecture, and on the Main Campus on Wednesdays for lab activities. Testing Center may be used occasionally, especially if college closures cause class cancellations. Computer with internet access required for some assignments and to access additional course materials. Students should plan for additional printing and/or copying costs for course notes found on D2L.</i> |                      |             |           |          |      |                 |      |              |     |     |              |
| BIO 101W-FA140   | INTRO ANAT & PHYSIO  | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | C110 | 4            | 20  | 19  | 8/30 - 12/15 |
| BIO 101W-FA210   | INTRO ANAT & PHYSIO  | Regular     | LCLB      | DLTA     | MW   | 4:00P - 5:55P   | C110 | 4            | 20  | 18  | 8/29 - 12/14 |
| BIO 101W-FA310   | INTRO ANAT & PHYSIO  | Regular     | LCLB      | DLTA     | MW   | 6:00P - 7:55P   | C110 | 4            | 20  | 20  | 8/29 - 12/14 |
| BIO 110W-FA210   | ENVIRON SCIENCE      | Regular     | LCLB      | DLTA     | TR   | 4:00P - 6:55P   | C123 | 4            | 25  | 27  | 8/30 - 12/15 |
| BIO 111W-FA105   | PRINCIPLS OF BIOLOGY | Regular     | LCLB      | DLTA     | MW   | 8:00A - 10:55A  | C116 | 4            | 25  | 24  | 8/29 - 12/14 |
| BIO 111W-FA110   | PRINCIPLS OF BIOLOGY | Regular     | LCLB      | DLTA     | TR   | 8:00A - 10:55A  | C123 | 4            | 25  | 24  | 8/30 - 12/15 |
| BIO 111W-FA115   | PRINCIPLS OF BIOLOGY | Regular     | LCLB      | DLTA     | T    | 8:00A - 10:55A  | C121 | 4            | 25  | 24  | 8/30 - 12/15 |
|  |                      | Regular     | LN2       | DLTA     | R    | 8:00A - 10:55A  | C116 | 4            |     |     | 8/30 - 12/15 |
| BIO 111W-FA120   | PRINCIPLS OF BIOLOGY | Regular     | LCLB      | DLTA     | T    | 8:00A - 10:55A  | C116 | 4            | 25  | 25  | 8/30 - 12/15 |
|  |                      | Regular     | LN2       | DLTA     | R    | 8:00A - 10:55A  | C121 | 4            |     |     | 8/30 - 12/15 |
| BIO 111W-FA125   | PRINCIPLS OF BIOLOGY | Regular     | LCLB      | DLTA     | W    | 8:00A - 10:55A  | C123 | 4            | 25  | 25  | 8/29 - 12/16 |
|  |                      | Regular     | LCLB      | DLTA     | F    | 8:00A - 10:55A  | C116 | 4            |     |     | 8/29 - 12/16 |
| BIO 111W-FA130   | PRINCIPLS OF BIOLOGY | Regular     | LCLB      | DLTA     | MW   | 11:00A - 1:55P  | C116 | 4            | 25  | 26  | 8/29 - 12/14 |
| BIO 111W-FA135   | PRINCIPLS OF BIOLOGY | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | C121 | 4            | 25  | 25  | 8/30 - 12/15 |
|  |                      | Regular     | LN2       | DLTA     | R    | 11:00A - 1:55P  | C116 | 4            |     |     | 8/30 - 12/15 |
| BIO 111W-FA140   | PRINCIPLS OF BIOLOGY | Regular     | LCLB      | DLTA     | W    | 2:00P - 4:55P   | C123 | 4            | 25  | 21  | 8/31 - 12/16 |
|  |                      | Regular     | LCLB      | DLTA     | F    | 8:00A - 10:55A  | C123 | 4            |     |     | 8/31 - 12/16 |
| BIO 111W-FA145   | PRINCIPLS OF BIOLOGY | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | C116 | 4            | 25  | 22  | 8/30 - 12/15 |
|  |                      | Regular     | LN2       | DLTA     | R    | 11:00A - 1:55P  | C121 | 4            |     |     | 8/30 - 12/15 |
| BIO 111W-FA150   | PRINCIPLS OF BIOLOGY | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | C116 | 4            | 25  | 22  | 8/29 - 12/15 |
|  |                      | Regular     | LN2       | DLTA     | TR   | 2:00P - 3:25P   | C116 | 4            |     |     | 8/29 - 12/15 |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name   | Title                | Term Length | Inst Meth | Location | Days | Time           | Room | Credit Hours | Cap | Enr | Dates        |
|--|----------------------|-------------|-----------|----------|------|----------------|------|--------------|-----|-----|--------------|
| BIO 111W-FA155   | PRINCIPLS OF BIOLOGY | Regular     | LCLB      | RICK     | TR   | 2:00P - 4:55P  | 143  | 4            | 20  | 16  | 8/30 - 12/15 |
| Note: Students need internet access to use materials on D2L.   |                      |             |           |          |      |                |      |              |     |     |              |
| BIO 111W-FA160   | PRINCIPLS OF BIOLOGY | Regular     | LCLB      | DLTA     | M    | 8:00A - 10:55A | C123 | 4            | 25  | 26  | 8/29 - 12/14 |
|  |                      | Regular     | LCLB      | DLTA     | W    | 2:00P - 4:55P  | C116 | 4            |     |     | 8/29 - 12/14 |
| BIO 111W-FA210   | PRINCIPLS OF BIOLOGY | Regular     | LCLB      | DLTA     | TR   | 4:00P - 6:55P  | C116 | 4            | 25  | 24  | 8/30 - 12/15 |
| BIO 111W-FA310   | PRINCIPLS OF BIOLOGY | Regular     | LCLB      | RICK     | MW   | 5:00P - 7:55P  | 143  | 4            | 20  | 18  | 8/29 - 12/14 |
| BIO 111W-FA320   | PRINCIPLS OF BIOLOGY | Regular     | LCLB      | DLTA     | TR   | 7:00P - 9:55P  | C116 | 4            | 25  | 23  | 8/30 - 12/15 |
| BIO 152W-FA105   | HUMAN A & P I        | Regular     | LCLB      | DCMC     | M    | 8:00A - 10:55A | 106  | 4            | 20  | 23  | 8/29 - 12/14 |
|  |                      | Regular     | LCLB      | DCMC     | W    | 8:00A - 10:55A | C113 | 4            |     |     | 8/29 - 12/14 |
| Note: Testing Center may be used occasionally, especially if college closures cause class cancellations. Computer with internet access required for some assignments and to access additional course materials. Students should plan for additional printing and/or copying costs for course notes found on D2L. |                      |             |           |          |      |                |      |              |     |     |              |
| BIO 152W-FA110   | HUMAN A & P I        | Regular     | LCLB      | DLTA     | TR   | 8:00A - 10:55A | C132 | 4            | 20  | 22  | 8/30 - 12/15 |
| BIO 152W-FA115   | HUMAN A & P I        | Regular     | LCLB      | DLTA     | TR   | 8:00A - 10:55A | C113 | 4            | 20  | 22  | 8/30 - 12/15 |
| Note: Testing Center may be used occasionally, especially if college closures cause class cancellations. Computer with internet access required for some assignments and to access additional course materials. Students should plan for additional printing and/or copying costs for course notes found on D2L. |                      |             |           |          |      |                |      |              |     |     |              |
| BIO 152W-FA120   | HUMAN A & P I        | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:25A  | C132 | 4            | 20  | 20  | 8/29 - 12/16 |
|  |                      | Regular     | LN2       | DLTA     | F    | 8:00A - 10:55A | C132 | 4            |     |     | 8/29 - 12/16 |
| BIO 152W-FA125   | HUMAN A & P I        | Regular     | LCLB      | DLTA     | MW   | 11:00A - 1:55P | C113 | 4            | 20  | 23  | 8/29 - 12/14 |
| BIO 152W-FA130   | HUMAN A & P I        | Regular     | LCLB      | DLTA     | TR   | 11:00A - 1:55P | C132 | 4            | 20  | 20  | 8/30 - 12/15 |
| BIO 152W-FA135   | HUMAN A & P I        | Regular     | LCLB      | DLTA     | TR   | 11:00A - 1:55P | C113 | 4            | 20  | 21  | 8/30 - 12/15 |
| Note: Testing Center may be used occasionally, especially if college closures cause class cancellations. Computer with internet access required for some assignments and to access additional course materials. Students should plan for additional printing and/or copying costs for course notes found on D2L. |                      |             |           |          |      |                |      |              |     |     |              |
| BIO 152W-FA140   | HUMAN A & P I        | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:25P  | C113 | 4            | 20  | 20  | 8/30 - 12/16 |
|  |                      | Regular     | LN2       | DLTA     | F    | 2:00P - 4:55P  | C113 | 4            |     |     | 8/30 - 12/16 |
| BIO 152W-FA145   | HUMAN A & P I        | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P  | C113 | 4            | 20  | 18  | 8/29 - 12/16 |
|  |                      | Regular     | LCLB      | DLTA     | F    | 2:00P - 4:55P  | C132 | 4            |     |     | 8/29 - 12/16 |
| BIO 152W-FA150   | HUMAN A & P I        | Regular     | LCLB      | DLTA     | M    | 8:00A - 10:55A | C113 | 4            | 20  | 20  | 8/29 - 12/16 |
|  |                      | Regular     | LN2       | DLTA     | F    | 11:00A - 1:55P | C132 | 4            |     |     | 8/29 - 12/16 |
| BIO 152W-FA160   | HUMAN A & P I        | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P  | C132 | 4            | 20  | 21  | 8/29 - 12/14 |
|  |                      | Regular     | LCLB      | DLTA     | W    | 2:00P - 4:55P  | C113 | 4            |     |     | 8/29 - 12/14 |
| BIO 152W-FA210   | HUMAN A & P I        | Regular     | LCLB      | DLTA     | TR   | 4:00P - 6:55P  | C113 | 4            | 20  | 20  | 8/30 - 12/15 |
| BIO 152W-FA310   | HUMAN A & P I        | Regular     | LCLB      | DLTA     | MW   | 6:00P - 8:55P  | C113 | 4            | 20  | 21  | 8/29 - 12/14 |
| BIO 152W-FA320   | HUMAN A & P I        | Regular     | LCLB      | DLTA     | TR   | 7:00P - 9:55P  | C113 | 4            | 20  | 20  | 8/30 - 12/15 |
| BIO 153W-FA110   | HUMAN A & P II       | Regular     | LCLB      | DLTA     | TR   | 8:00A - 10:55A | C117 | 4            | 20  | 18  | 8/30 - 12/15 |
| BIO 153W-FA120   | HUMAN A & P II       | Regular     | LCLB      | DLTA     | MW   | 8:00A - 10:55A | C117 | 4            | 20  | 24  | 8/29 - 12/14 |
| BIO 153W-FA130   | HUMAN A & P II       | Regular     | LCLB      | DLTA     | MW   | 11:00A - 1:55P | C117 | 4            | 20  | 19  | 8/29 - 12/14 |
| BIO 153W-FA140   | HUMAN A & P II       | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P  | C117 | 4            | 20  | 21  | 8/29 - 12/15 |
|  |                      | Regular     | LN2       | DLTA     | TR   | 2:00P - 3:25P  | C117 | 4            |     |     | 8/29 - 12/15 |
| BIO 153W-FA150   | HUMAN A & P II       | Regular     | LCLB      | DLTA     | W    | 2:00P - 4:55P  | C117 | 4            | 20  | 18  | 8/31 - 12/16 |
|  |                      | Regular     | LN2       | DLTA     | F    | 11:00A - 1:55P | C117 | 4            |     |     | 8/31 - 12/16 |
| BIO 153W-FA210   | HUMAN A & P II       | Regular     | LCLB      | DLTA     | TR   | 4:00P - 6:55P  | C117 | 4            | 20  | 23  | 8/30 - 12/15 |
| BIO 153W-FA310   | HUMAN A & P II       | Regular     | LCLB      | DLTA     | MW   | 6:00P - 8:55P  | C117 | 4            | 20  | 20  | 8/29 - 12/14 |
| BIO 153W-FA320   | HUMAN A & P II       | Regular     | LCLB      | DLTA     | TR   | 7:00P - 9:55P  | C117 | 4            | 20  | 22  | 8/30 - 12/15 |
| BIO 171-FA110  | INTEGRATE GEN BIO I  | Regular     | LCLB      | DLTA     | MW   | 11:00A - 1:55P | C123 | 4            | 20  | 20  | 8/29 - 12/14 |
| BIO 171-FA120  | INTEGRATE GEN BIO I  | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P  | C123 | 4            | 20  | 20  | 8/29 - 12/16 |
|  |                      | Regular     | LCLB      | DLTA     | F    | 11:00A - 1:55P | C123 | 4            |     |     | 8/29 - 12/16 |
| BIO 172W-FA110   | INTEGRAT GEN BIO II  | Regular     | LCLB      | DLTA     | TR   | 11:00A - 1:55P | C123 | 4            | 20  | 21  | 8/30 - 12/15 |
| BIO 172W-FA310   | INTEGRAT GEN BIO II  | Regular     | LCLB      | DLTA     | TR   | 7:00P - 9:55P  | C123 | 4            | 20  | 20  | 8/30 - 12/15 |
| BIO 199-FA710  | HEREDITY&SEXUALITY   | Regular     | LCLB      | DLTA     | TR   | 4:00P - 6:55P  | C132 | 4            | 10  | 10  | 8/30 - 12/15 |
| BIO 199H-FA710   | HNRS HERED&SEXUALIT  | Regular     | LCLB      | DLTA     | TR   | 4:00P - 6:55P  | C132 | 4            | 10  | 8   | 8/30 - 12/15 |
| BIO 203W-FA110   | MICROBIOLOGY         | Regular     | LCLB      | DLTA     | M    | 8:00A - 10:55A | F013 | 4            | 20  | 20  | 8/29 - 12/14 |
|  |                      | Regular     | LCLB      | DLTA     | W    | 8:00A - 10:55A | F110 | 4            |     |     | 8/29 - 12/14 |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name   | Title        | Term Length | Inst Meth | Location | Days | Time           | Room | Credit Hours | Cap | Enr | Dates        |
|----------------|--------------|-------------|-----------|----------|------|----------------|------|--------------|-----|-----|--------------|
| BIO 203W-FA120 | MICROBIOLOGY | Regular     | LCLB      | DLTA     | T    | 8:00A - 10:55A | F013 | 4            | 20  | 19  | 8/30 - 12/15 |
|                |              | Regular     | LN2       | DLTA     | R    | 8:00A - 10:55A | F110 | 4            |     |     | 8/30 - 12/15 |
| BIO 203W-FA130 | MICROBIOLOGY | Regular     | LCLB      | DLTA     | M    | 11:00A - 1:55P | F013 | 4            | 20  | 17  | 8/29 - 12/14 |
|                |              | Regular     | LN2       | DLTA     | W    | 11:00A - 1:55P | F110 | 4            |     |     | 8/29 - 12/14 |
| BIO 203W-FA140 | MICROBIOLOGY | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P | F013 | 4            | 20  | 19  | 8/30 - 12/15 |
|                |              | Regular     | LN2       | DLTA     | R    | 11:00A - 1:55P | F110 | 4            |     |     | 8/30 - 12/15 |
| BIO 203W-FA150 | MICROBIOLOGY | Regular     | LCLB      | DLTA     | T    | 2:00P - 4:55P  | F013 | 4            | 20  | 20  | 8/30 - 12/15 |
|                |              | Regular     | LCLB      | DLTA     | R    | 2:00P - 4:55P  | F110 | 4            |     |     | 8/30 - 12/15 |
| BIO 203W-FA160 | MICROBIOLOGY | Regular     | LN2       | DLTA     | T    | 12:00P - 2:55P | F110 | 4            | 20  | 16  | 8/30 - 12/15 |
|                |              | Regular     | LCLB      | DLTA     | R    | 12:00P - 2:55P | F013 | 4            |     |     | 8/30 - 12/15 |
| BIO 203W-FA210 | MICROBIOLOGY | Regular     | LCLB      | DLTA     | T    | 4:00P - 6:55P  | F110 | 4            | 20  | 19  | 8/30 - 12/15 |
|                |              | Regular     | LN2       | DLTA     | R    | 4:00P - 6:55P  | F013 | 4            |     |     | 8/30 - 12/15 |
| BIO 203W-FA310 | MICROBIOLOGY | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P  | F013 | 4            | 20  | 18  | 8/30 - 12/15 |
|                |              | Regular     | LN2       | DLTA     | R    | 6:00P - 8:55P  | F110 | 4            |     |     | 8/30 - 12/15 |

Note: Same as SOC 230W and may be taken for SOC or BIO credit but not both.

|                |                   |         |      |      |   |                |      |   |    |   |              |
|----------------|-------------------|---------|------|------|---|----------------|------|---|----|---|--------------|
| BIO 230W-FA110 | PHYS ANTHROPOLOGY | Regular | LCLB | DLTA | W | 8:00A - 11:55A | S041 | 4 | 20 | 9 | 8/31 - 12/14 |
|----------------|-------------------|---------|------|------|---|----------------|------|---|----|---|--------------|

Note: Testing may be required in LLIC.

|               |               |         |      |      |    |                |      |   |    |    |              |
|---------------|---------------|---------|------|------|----|----------------|------|---|----|----|--------------|
| BIO 240-FA110 | HUMAN ANATOMY | Regular | LCLB | DLTA | TR | 11:00A - 1:55P | C117 | 4 | 20 | 21 | 8/30 - 12/15 |
|---------------|---------------|---------|------|------|----|----------------|------|---|----|----|--------------|

Note: Must attend informational meeting or will be dropped. Contact <a href="mailto:jillharrison@delta.edu">Jill Harrison</a> or 686-9051 or <a href="http://www.delta.edu/socsci/informationalmeeting.aspx">Meeting Information</a>.

|               |                    |         |      |      |   |               |     |   |    |    |              |
|---------------|--------------------|---------|------|------|---|---------------|-----|---|----|----|--------------|
| CD 110W-FA310 | INFANT/TODDLER DEV | Regular | LCLB | DCMC | M | 6:00P - 8:55P | 205 | 4 | 25 | 23 | 8/29 - 12/12 |
|---------------|--------------------|---------|------|------|---|---------------|-----|---|----|----|--------------|

Note: Course is lecture only. For transfer purposes, organic chemistry lab, CHM 210L, is also required.

|               |                       |         |      |      |       |                |      |   |    |    |              |
|---------------|-----------------------|---------|------|------|-------|----------------|------|---|----|----|--------------|
| CHM 210-FA110 | ORGANIC CHEM I        | Regular | LCLB | DLTA | TR    | 8:00A - 9:55A  | E114 | 4 | 20 | 19 | 8/30 - 12/15 |
| CHM 210-FA120 | ORGANIC CHEM I        | Regular | LCLB | DLTA | TR    | 12:00P - 1:55P | D133 | 4 | 20 | 14 | 8/30 - 12/15 |
| CHM 210-FA210 | ORGANIC CHEM I        | Regular | LCLB | DCMC | M     | 5:30P - 9:25P  | 106  | 4 | 20 | 14 | 8/29 - 12/12 |
| CJ 102-FA110  | JAIL OFFICERS ACADEMY | Regular | LCLB | DLTA | MTWRF | 7:00A - 5:00P  | C111 | 4 | 0  | 0  | 8/22 - 12/16 |

Requires acceptance to Delta College Corrections Academy. Contact Criminal Justice Training Center 686-9110.

|               |            |         |      |      |   |               |      |   |   |   |              |
|---------------|------------|---------|------|------|---|---------------|------|---|---|---|--------------|
| CNC 162-FA530 | CNC THEORY | Regular | LCLB | DLTA | W | 5:00P - 8:55P | L117 | 4 | 7 | 6 | 8/31 - 12/14 |
|               |            | Regular | LN2  | DLTA | W | 5:00P - 8:55P | L125 | 4 |   |   | 8/31 - 12/14 |

Note: You must purchase a Basic Computer Tool Kit.

|                |                     |         |      |      |    |                |      |   |    |    |              |
|----------------|---------------------|---------|------|------|----|----------------|------|---|----|----|--------------|
| CST 128-FA110  | PC HARDWARE CONCEPT | Regular | LCLB | DLTA | T  | 9:00A - 12:55P | K110 | 4 | 16 | 15 | 8/30 - 12/13 |
| CST 128-FA120  | PC HARDWARE CONCEPT | Regular | LCLB | DLTA | MW | 12:00P - 1:55P | K110 | 4 | 16 | 16 | 8/29 - 12/14 |
| CST 128-FA130  | PC HARDWARE CONCEPT | Regular | LCLB | DLTA | W  | 8:00A - 11:55A | K110 | 4 | 18 | 17 | 8/31 - 12/14 |
| CST 133W-FA105 | CMPUTR COMPETENCIES | Regular | LCLB | DLTA | MW | 8:00A - 8:55A  | K116 | 4 | 22 | 20 | 8/29 - 12/14 |
|                |                     | Regular | LN2  | DLTA | MW | 9:00A - 9:55A  | K111 | 4 |    |    | 8/29 - 12/14 |

Note: Required Software is Windows 7 and Office 2010.

|                |                     |         |      |      |    |                 |      |   |    |    |              |
|----------------|---------------------|---------|------|------|----|-----------------|------|---|----|----|--------------|
| CST 133W-FA110 | CMPUTR COMPETENCIES | Regular | LCLB | DLTA | TR | 9:00A - 9:55A   | K116 | 4 | 22 | 21 | 8/30 - 12/15 |
|                |                     | Regular | LN2  | DLTA | TR | 10:00A - 10:55A | K111 | 4 |    |    | 8/30 - 12/15 |

Note: Required Software is Windows 7 and Office 2010.

|                |                     |         |      |      |    |                |     |   |    |    |              |
|----------------|---------------------|---------|------|------|----|----------------|-----|---|----|----|--------------|
| CST 133W-FA115 | CMPUTR COMPETENCIES | Regular | LCLB | DCPL | MW | 9:00A - 10:55A | 117 | 4 | 18 | 18 | 8/29 - 12/14 |
|----------------|---------------------|---------|------|------|----|----------------|-----|---|----|----|--------------|

Note: Required Software is Windows 7 and Office 2010.

|                |                     |         |      |      |    |                 |      |   |    |    |              |
|----------------|---------------------|---------|------|------|----|-----------------|------|---|----|----|--------------|
| CST 133W-FA120 | CMPUTR COMPETENCIES | Regular | LCLB | DLTA | MW | 10:00A - 10:55A | K116 | 4 | 22 | 22 | 8/29 - 12/14 |
|                |                     | Regular | LN2  | DLTA | MW | 11:00A - 11:55A | K111 | 4 |    |    | 8/29 - 12/14 |

Note: Required Software is Windows 7 and Office 2010.

|                |                     |         |      |      |    |                 |      |   |    |    |              |
|----------------|---------------------|---------|------|------|----|-----------------|------|---|----|----|--------------|
| CST 133W-FA125 | CMPUTR COMPETENCIES | Regular | LCLB | DLTA | MW | 10:00A - 10:55A | K111 | 4 | 22 | 24 | 8/29 - 12/14 |
|                |                     | Regular | LN2  | DLTA | MW | 11:00A - 11:55A | K116 | 4 |    |    | 8/29 - 12/14 |

Note: Required Software is Windows 7 and Office 2010.

|                |                     |         |      |      |    |                 |      |   |    |    |              |
|----------------|---------------------|---------|------|------|----|-----------------|------|---|----|----|--------------|
| CST 133W-FA130 | CMPUTR COMPETENCIES | Regular | LCLB | DLTA | TR | 11:00A - 11:55A | K116 | 4 | 22 | 21 | 8/30 - 12/15 |
|                |                     | Regular | LN2  | DLTA | TR | 12:00P - 12:55P | K111 | 4 |    |    | 8/30 - 12/15 |

Note: Required Software is Windows 7 and Office 2010.

|                |                     |         |      |      |    |                 |      |   |    |    |              |
|----------------|---------------------|---------|------|------|----|-----------------|------|---|----|----|--------------|
| CST 133W-FA135 | CMPUTR COMPETENCIES | Regular | LCLB | DLTA | TR | 12:00P - 12:55P | K116 | 4 | 22 | 21 | 8/30 - 12/15 |
|----------------|---------------------|---------|------|------|----|-----------------|------|---|----|----|--------------|



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name   | Title  | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|----------------|--|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|--------------|
| CST 133W-FA135 |  | Regular     | LN2       | DLTA     | TR   | 1:00P - 1:55P   | K111 | 4            |     |     | 8/30 - 12/15 |
|                | Note: Required Software is Windows 7 and Office 2010.  |             |           |          |      |                 |      |              |     |     |              |
| CST 133W-FA140 | CMPUTR COMPETENCIES  | Regular     | LCLB      | DLTA     | MW   | 12:00P - 12:55P | K111 | 4            | 22  | 22  | 8/29 - 12/14 |
|                |  | Regular     | LN2       | DLTA     | MW   | 1:00P - 1:55P   | K116 | 4            |     |     | 8/29 - 12/14 |
|                | Note: Required Software is Windows 7 and Office 2010.  |             |           |          |      |                 |      |              |     |     |              |
| CST 133W-FA145 | CMPUTR COMPETENCIES  | Regular     | LCLB      | DLTA     | TR   | 2:00P - 2:55P   | K116 | 4            | 22  | 19  | 8/30 - 12/15 |
|                |  | Regular     | LN2       | DLTA     | TR   | 3:00P - 3:55P   | K111 | 4            |     |     | 8/30 - 12/15 |
|                | Note: Required Software is Windows 7 and Office 2010.  |             |           |          |      |                 |      |              |     |     |              |
| CST 133W-FA210 | CMPUTR COMPETENCIES  | Regular     | LCLB      | DLTA     | M    | 4:00P - 5:55P   | K116 | 4            | 22  | 22  | 8/29 - 12/12 |
|                |  | Regular     | LN2       | DLTA     | M    | 6:00P - 7:55P   | K111 | 4            |     |     | 8/29 - 12/12 |
|                | Note: Required Software is Windows 7 and Office 2010.  |             |           |          |      |                 |      |              |     |     |              |
| CST 133W-FA220 | CMPUTR COMPETENCIES  | Regular     | LCLB      | DLTA     | TR   | 3:00P - 4:55P   | A122 | 4            | 19  | 19  | 8/30 - 12/15 |
|                | Note: This is a special section done on the Macintosh computers. All labs will be done in a Macintosh lab. Required software is Office 2011. |             |           |          |      |                 |      |              |     |     |              |
| CST 133W-FA230 | CMPUTR COMPETENCIES  | Regular     | LCLB      | DLTA     | TR   | 4:00P - 5:55P   | K111 | 4            | 22  | 24  | 8/30 - 12/15 |
|                | Note: Required Software is Windows 7 and Office 2010.  |             |           |          |      |                 |      |              |     |     |              |
| CST 133W-FA240 | CMPUTR COMPETENCIES  | Regular     | LCLB      | RICK     | R    | 2:00P - 5:55P   | 141  | 4            | 18  | 17  | 9/1 - 12/15  |
|                | Note: Required Software is Windows 7 and Office 2010.  |             |           |          |      |                 |      |              |     |     |              |
| CST 133W-FA250 | CMPUTR COMPETENCIES  | Regular     | LCLB      | DCMC     | W    | 5:30P - 9:25P   | 201  | 4            | 18  | 17  | 8/31 - 12/14 |
|                | Note: Required Software is Windows 7 and Office 2010.  |             |           |          |      |                 |      |              |     |     |              |
| CST 133W-FA260 | CMPUTR COMPETENCIES  | Regular     | LCLB      | DCPL     | W    | 5:30P - 9:25P   | 117  | 4            | 22  | 21  | 8/31 - 12/14 |
|                | Note: Required Software is Windows 7 and Office 2010.  |             |           |          |      |                 |      |              |     |     |              |
| CST 133W-FA310 | CMPUTR COMPETENCIES  | Regular     | LCLB      | DLTA     | T    | 6:00P - 7:55P   | K111 | 4            | 22  | 21  | 8/30 - 12/13 |
|                |  | Regular     | LN2       | DLTA     | T    | 8:00P - 9:55P   | K116 | 4            |     |     | 8/30 - 12/13 |
|                | Note: Required Software is Windows 7 and Office 2010.  |             |           |          |      |                 |      |              |     |     |              |
| CST 133W-FA320 | CMPUTR COMPETENCIES  | Regular     | LCLB      | DLTA     | M    | 6:00P - 7:55P   | K116 | 4            | 22  | 23  | 8/29 - 12/12 |
|                |  | Regular     | LN2       | DLTA     | M    | 8:00P - 9:55P   | K111 | 4            |     |     | 8/29 - 12/12 |
|                | Note: Required Software is Windows 7 and Office 2010.  |             |           |          |      |                 |      |              |     |     |              |
| CST 133W-FA330 | CMPUTR COMPETENCIES  | Regular     | LCLB      | DLTA     | W    | 6:00P - 7:55P   | K111 | 4            | 22  | 22  | 8/31 - 12/14 |
|                |  | Regular     | LN2       | DLTA     | W    | 8:00P - 9:55P   | K116 | 4            |     |     | 8/31 - 12/14 |
|                | Note: Required Software is Windows 7 and Office 2010.  |             |           |          |      |                 |      |              |     |     |              |
| CST 133W-FA340 | CMPUTR COMPETENCIES  | Regular     | LCLB      | DLTA     | R    | 6:00P - 7:55P   | K116 | 4            | 22  | 23  | 9/1 - 12/15  |
|                |  | Regular     | LN2       | DLTA     | R    | 8:00P - 9:55P   | K111 | 4            |     |     | 9/1 - 12/15  |
|                | Note: Required Software is Windows 7 and Office 2010.  |             |           |          |      |                 |      |              |     |     |              |
| CST 133W-FA410 | CMPUTR COMPETENCIES  | Regular     | LCLB      | DLTA     | S    | 9:00A - 10:55A  | K116 | 4            | 22  | 22  | 8/27 - 12/17 |
|                |  | Regular     | LN2       | DLTA     | S    | 11:00A - 12:55P | K111 | 4            |     |     | 8/27 - 12/17 |
|                | Note: Required Software is Windows 7 and Office 2010.  |             |           |          |      |                 |      |              |     |     |              |
| CST 180-FA110  | C++ PROGRAMMING  | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | K114 | 4            | 21  | 18  | 8/29 - 12/14 |
| CST 180-FA120  | C++ PROGRAMMING  | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | A123 | 4            | 18  | 16  | 8/30 - 12/15 |
| CST 228-FA210  | ADV PC TRBLESHT A+   | Regular     | LCLB      | DLTA     | R    | 5:00P - 8:55P   | K110 | 4            | 16  | 17  | 9/1 - 12/15  |
| CST 280-FA210  | ADV C++ PROGRAM  | Regular     | LCLB      | DLTA     | T    | 5:00P - 8:55P   | K114 | 4            | 18  | 9   | 8/30 - 12/13 |
|                | Note: Assignments outside of class time required   |             |           |          |      |                 |      |              |     |     |              |
| DA 110LW-FA110 | CLINICAL DA LAB I  | Regular     | LCLB      | DLTA     | MW   | 8:00A - 11:55A  | F124 | 4            | 10  | 11  | 8/29 - 12/14 |
| DA 110LW-FA120 | CLINICAL DA LAB I  | Regular     | LCLB      | DLTA     | TR   | 1:00P - 4:55P   | F124 | 4            | 10  | 10  | 8/30 - 12/15 |
|                |  | Regular     |           | DLTA     |      | -               |      | 4            |     |     | -            |
| DA 113W-FA110  | ORAL ANAT & PHYS   | Regular     | LCLB      | DLTA     | M    | 1:00P - 2:55P   | F111 | 4            | 20  | 21  | 8/29 - 12/15 |
|                |  | Regular     | LN2       | DLTA     | R    | 9:00A - 10:55A  | F111 | 4            |     |     | 8/29 - 12/15 |
| DH 214W-FA110  | DENTAL MATERIALS   | Regular     | LCLB      | DLTA     | T    | 2:00P - 4:55P   | F135 | 4            | 18  | 15  | 8/30 - 12/15 |
|                |  | Regular     | LN2       | DLTA     | R    | 2:00P - 4:55P   | F135 | 4            |     |     | 8/30 - 12/15 |
| DMS 202-FA110  | ULTRASOUND SEM I   | Regular     | LCLB      | DLTA     | M    | 1:00P - 4:55P   | F269 | 4            | 14  | 12  | 8/29 - 12/12 |
| ECN 221W-FA105 | PRIN OF MACROECON  | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:55A   | J132 | 4            | 25  | 24  | 8/29 - 12/14 |
| ECN 221W-FA110 | PRIN OF MACROECON  | Regular     | LCLB      | DCMC     | TR   | 8:30A - 10:25A  | 154  | 4            | 25  | 22  | 8/30 - 12/15 |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name   | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|--|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|--------------|
| ECN 221W-FA115   | PRIN OF MACROECON   | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | J132 | 4            | 25  | 23  | 8/29 - 12/14 |
| ECN 221W-FA120   | PRIN OF MACROECON   | Regular     | LCLB      | RICK     | TR   | 10:00A - 11:55A | 112  | 4            | 25  | 17  | 8/30 - 12/15 |
| ECN 221W-FA125   | PRIN OF MACROECON   | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | J136 | 4            | 25  | 26  | 8/29 - 12/14 |
| ECN 221W-FA130   | PRIN OF MACROECON   | Regular     | LCLB      | DLTA     | TR   | 12:00P - 1:55P  | J135 | 4            | 25  | 30  | 8/30 - 12/15 |
| ECN 221W-FA140   | PRIN OF MACROECON   | Regular     | LCLB      | DLTA     | MF   | 12:00P - 1:55P  | J132 | 4            | 25  | 25  | 8/29 - 12/16 |
| ECN 221W-FA145   | PRIN OF MACROECON   | Regular     | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | J135 | 4            | 25  | 27  | 8/30 - 12/15 |
| ECN 221W-FA150   | PRIN OF MACROECON   | Regular     | LCLB      | RICK     | T    | 12:00P - 3:55P  | 148  | 4            | 25  | 10  | 8/30 - 12/13 |
| ECN 221W-FA250   | PRIN OF MACROECON   | Regular     | LCLB      | DLTA     | W    | 5:30P - 9:25P   | J136 | 4            | 25  | 26  | 8/31 - 12/14 |
| ECN 221W-FA320   | PRIN OF MACROECON   | Regular     | LCLB      | DCPL     | W    | 6:00P - 9:55P   | 212  | 4            | 25  | 24  | 8/31 - 12/14 |
| ECN 221W-FA330   | PRIN OF MACROECON   | Regular     | LCLB      | DLTA     | T    | 6:00P - 9:55P   | J135 | 4            | 25  | 27  | 8/30 - 12/13 |
| ECN 221W-FA340   | PRIN OF MACROECON   | Regular     | LCLB      | DLTA     | R    | 6:00P - 9:55P   | J134 | 4            | 25  | 23  | 9/1 - 12/15  |
| ECN 222W-FA120   | PRIN OF MICROECON   | Regular     | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | J134 | 4            | 25  | 25  | 8/30 - 12/15 |
| ECN 222W-FA130   | PRIN OF MICROECON   | Regular     | LCLB      | DLTA     | TR   | 12:00P - 1:55P  | J133 | 4            | 25  | 27  | 8/30 - 12/15 |
| <u>Note: EGR 165: USB memory device required.</u>  |                     |             |           |          |      |                 |      |              |     |     |              |
| EGR 165-FA110  | INTRO ENGINE GRAPH  | Regular     | LCLB      | DLTA     | TR   | 2:00P - 4:55P   | M103 | 4            | 16  | 17  | 8/30 - 12/15 |
| EMB 155-FA110  | MEDIA PRODUCTION II | Regular     | LCLB      | DLTA     | TR   | 8:00A - 10:55A  | A122 | 4            | 18  | 16  | 8/30 - 12/15 |
| EMB 155-FA120  | MEDIA PRODUCTION II | Regular     | LCLB      | DLTA     | TR   | 12:00P - 2:55P  | A122 | 4            | 18  | 18  | 8/30 - 12/15 |
| EMB 255W-FA110   | MEDIA PRODUCTIN III | Regular     | LCLB      | DLTA     | MW   | 8:00A - 10:55A  | A122 | 4            | 18  | 13  | 8/29 - 12/14 |
| <u>Note: EMS110, EMS111, EMS112 and EMS113 must be taken concurrently. Prerequisites can be viewed at <a href="http://www.delta.edu/firesci">http://www.delta.edu/firesci</a>&gt;Fire Science&lt;/a&gt;. Once you have completed prerequisites make appointment with Russ Holtman at (989) 686-9020 for permission to register.</u>  |                     |             |           |          |      |                 |      |              |     |     |              |
| EMS 110-FA501  | BASIC EMT TECH I    | Regular     | LCLB      | OTHR     | M    | 6:00P - 9:55P   | BMED | 4            | 10  | 4   | 9/19 - 3/26  |
| <u>Note: The last meeting for this course is 3/23/11. The additional time allows for student to take National Registry exam which governs grading. Students are given a printed schedule of meeting days upon registration. The schedule is also available at <a href="http://www3.delta.edu/firesci/">http://www3.delta.edu/firesci/</a>&gt;Fire Science Website&lt;/a&gt;.</u>       |                     |             |           |          |      |                 |      |              |     |     |              |
| EMS 110-FA503  | BASIC EMT TECH I    | Regular     | LCLB      | OTHR     | T    | 5:00P - 9:55P   | MMR  | 4            | 10  | 13  | 8/30 - 12/13 |
| <u>Note: The last meeting for this course is *****. The additional time allows for student to take National Registry exam which governs grading. Students are given a printed schedule of meeting days upon registration. The schedule is also available at <a href="http://www3.delta.edu/firesci/">http://www3.delta.edu/firesci/</a>&gt;Fire Science Website&lt;/a&gt;.</u>         |                     |             |           |          |      |                 |      |              |     |     |              |
| <u>Note: EMS110, EMS111, EMS112 and EMS113 must be taken concurrently. Prerequisites can be viewed at <a href="http://www.delta.edu/firesci">http://www.delta.edu/firesci</a>&gt;Fire Science&lt;/a&gt;. Once you have completed prerequisites make appointment with Russ Holtman at (989) 686-9020 for permission to register.</u>  |                     |             |           |          |      |                 |      |              |     |     |              |
| EMS 111-FA501  | BASIC EMT TECH 2    | Regular     | LCLB      | OTHR     | W    | 6:00P - 9:55P   | BMED | 4            | 10  | 4   | 9/21 - 3/28  |
| <u>Note: The last meeting for this course is *****3/23/11. The additional time allows for student to take National Registry exam which governs grading. Students are given a printed schedule of meeting days upon registration. The schedule is also available at <a href="http://www3.delta.edu/firesci/">http://www3.delta.edu/firesci/</a>&gt;Fire Science Website&lt;/a&gt;.</u>  |                     |             |           |          |      |                 |      |              |     |     |              |
| EMS 111-FA503  | BASIC EMT TECH 2    | Regular     | LCLB      | OTHR     | R    | 5:00P - 9:55P   | MMR  | 4            | 10  | 13  | 9/1 - 12/15  |
| <u>Note: The last meeting for this course is *****12/11/09. The additional time allows for student to take National Registry exam which governs grading. Students are given a printed schedule of meeting days upon registration. The schedule is also available at <a href="http://www3.delta.edu/firesci/">http://www3.delta.edu/firesci/</a>&gt;Fire Science Website&lt;/a&gt;.</u> |                     |             |           |          |      |                 |      |              |     |     |              |
| ENG 090-FA105  | INTRO ACAD WRITING  | Regular     | LCLB      | DLTA     | M    | 8:00A - 9:55A   | S034 | 4            | 15  | 15  | 8/29 - 12/16 |
|  |                     | Regular     | WKP       | DLTA     | M    | 10:00A - 10:25A | S034 | 4            |     |     | 8/29 - 12/16 |
|  |                     | Regular     | WKP       | DLTA     | W    | 10:00A - 10:25A | S034 | 4            |     |     | 8/29 - 12/16 |
|  |                     | Regular     | LN2       | DLTA     | W    | 8:00A - 9:55A   | A125 | 4            |     |     | 8/29 - 12/16 |
| ENG 090-FA110  | INTRO ACAD WRITING  | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | S058 | 4            | 15  | 12  | 8/29 - 12/14 |
|  |                     | Regular     | WKP       | DLTA     | MW   | 2:00P - 2:25P   | S058 | 4            |     |     | 8/29 - 12/14 |
| ENG 090-FA115  | INTRO ACAD WRITING  | Regular     | WKP       | DLTA     | TR   | 8:30A - 8:55A   | A121 | 4            | 15  | 14  | 8/30 - 12/15 |
|  |                     | Regular     | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | A121 | 4            |     |     | 8/30 - 12/15 |
| ENG 090-FA120  | INTRO ACAD WRITING  | Regular     | WKP       | DLTA     | M    | 9:30A - 9:55A   | S261 | 4            | 15  | 14  | 8/29 - 12/14 |
|  |                     | Regular     | LCLB      | DLTA     | M    | 10:00A - 11:55A | S261 | 4            |     |     | 8/29 - 12/14 |
|  |                     | Regular     | LCLB      | DLTA     | W    | 10:00A - 11:55A | L117 | 4            |     |     | 8/29 - 12/14 |
|  |                     | Regular     | WKP       | DLTA     | W    | 9:30A - 9:55A   | L117 | 4            |     |     | 8/29 - 12/14 |
| ENG 090-FA125  | INTRO ACAD WRITING  | Regular     | WKP       | DLTA     | TR   | 8:00A - 8:25A   | S059 | 4            | 15  | 14  | 8/30 - 12/15 |
|  |                     | Regular     | LCLB      | DLTA     | TR   | 8:30A - 10:25A  | S059 | 4            |     |     | 8/30 - 12/15 |
| ENG 090-FA127  | INTRO ACAD WRITING  | Regular     | WKP       | DLTA     | MW   | 12:00P - 12:25P | M103 | 4            | 15  | 16  | 8/29 - 12/14 |
|  |                     | Regular     | LCLB      | DLTA     | MW   | 12:30P - 2:25P  | M103 | 4            |     |     | 8/29 - 12/14 |
| ENG 090-FA129  | INTRO ACAD WRITING  | Regular     | WKP       | DLTA     | M    | 9:30A - 9:55A   | M103 | 4            | 15  | 15  | 8/29 - 12/14 |
|  |                     | Regular     | LCLB      | DLTA     | M    | 10:00A - 11:55A | M103 | 4            |     |     | 8/29 - 12/14 |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name  | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|---|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|--------------|
| ENG 090-FA129   |                     | Regular     | LN2       | DLTA     | W    | 10:00A - 11:55A | A035 | 4            |     |     | 8/29 - 12/14 |
|   |                     | Regular     | WKP       | DLTA     | W    | 9:30A - 9:55A   | A035 | 4            |     |     | 8/29 - 12/14 |
| ENG 090-FA130   | INTRO ACAD WRITING  | Regular     | LCLB      | RICK     | MW   | 11:00A - 12:55P | 114  | 4            | 15  | 19  | 8/29 - 12/14 |
|   |                     | Regular     | WKP       | RICK     | MW   | 1:00P - 1:25P   | 114  | 4            |     |     | 8/29 - 12/14 |
| ENG 090-FA135   | INTRO ACAD WRITING  | Regular     | WKP       | DLTA     | TR   | 11:00A - 11:25A | S264 | 4            | 15  | 17  | 8/30 - 12/15 |
|   |                     | Regular     | LCLB      | DLTA     | TR   | 11:30A - 1:25P  | S264 | 4            |     |     | 8/30 - 12/15 |
| ENG 090-FA140   | INTRO ACAD WRITING  | Regular     | WKP       | RICK     | T    | 11:00A - 11:25A | 113  | 4            | 15  | 15  | 8/30 - 12/15 |
|   |                     | Regular     | LCLB      | RICK     | T    | 11:30A - 1:25P  | 113  | 4            |     |     | 8/30 - 12/15 |
|   |                     | Regular     | WKP       | RICK     | R    | 11:00A - 11:25A | 113  | 4            |     |     | 8/30 - 12/15 |
|   |                     | Regular     | LCLB      | RICK     | R    | 11:30A - 1:25P  | 113  | 4            |     |     | 8/30 - 12/15 |
| ENG 090-FA142   | INTRO ACAD WRITING  | Regular     | WKP       | DLTA     | TR   | 11:30A - 11:55A | S266 | 4            | 15  | 16  | 8/30 - 12/15 |
|   |                     | Regular     | LCLB      | DLTA     | TR   | 12:00P - 1:55P  | S266 | 4            |     |     | 8/30 - 12/15 |
| ENG 090-FA145   | INTRO ACAD WRITING  | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | A124 | 4            | 16  | 15  | 8/30 - 12/15 |
|   |                     | Regular     | WKP       | DLTA     | TR   | 4:00P - 4:25P   | A124 | 4            |     |     | 8/30 - 12/15 |
| ENG 090-FA147   | INTRO ACAD WRITING  | Regular     | LCLB      | DLTA     | MW   | 2:00P - 3:55P   | S037 | 4            | 15  | 13  | 8/29 - 12/14 |
|   |                     | Regular     | WKP       | DLTA     | MW   | 4:00P - 4:25P   | A125 | 4            |     |     | 8/29 - 12/14 |
| ENG 090-FA150   | INTRO ACAD WRITING  | Regular     | WKP       | DLTA     | TR   | 2:00P - 2:25P   | S055 | 4            | 15  | 14  | 8/30 - 12/15 |
|   |                     | Regular     | LCLB      | DLTA     | TR   | 2:30P - 4:25P   | S055 | 4            |     |     | 8/30 - 12/15 |
| ENG 090-FA210   | INTRO ACAD WRITING  | Regular     | LCLB      | DLTA     | MW   | 5:00P - 6:55P   | A125 | 4            | 15  | 15  | 8/29 - 12/14 |
|   |                     | Regular     | WKP       | DLTA     | MW   | 7:00P - 7:25P   | A125 | 4            |     |     | 8/29 - 12/14 |
| ENG 090-FA215   | INTRO ACAD WRITING  | Regular     | LCLB      | DLTA     | TR   | 3:30P - 5:25P   | S058 | 4            | 15  | 11  | 8/30 - 12/15 |
|   |                     | Regular     | WKP       | DLTA     | TR   | 5:30P - 5:55P   | S058 | 4            |     |     | 8/30 - 12/15 |
| ENG 090-FA310   | INTRO ACAD WRITING  | Regular     | LCLB      | DLTA     | TR   | 6:00P - 7:55P   | S035 | 4            | 15  | 16  | 8/30 - 12/15 |
|   |                     | Regular     | WKP       | DLTA     | TR   | 8:00P - 8:25P   | S035 | 4            |     |     | 8/30 - 12/15 |
| ENG 090-FA625   | INTRO ACAD WRITING  | Regular     | WKP       | RICK     | M    | 11:00A - 11:25A | 141  | 4            | 15  | 15  | 8/29 - 12/14 |
|   |                     | Regular     | LCLB      | RICK     | M    | 11:30A - 1:25P  | 141  | 4            |     |     | 8/29 - 12/14 |
|   |                     | Regular     | WKP       | RICK     | W    | 11:00A - 11:25A | 115  | 4            |     |     | 8/29 - 12/14 |
|   |                     | Regular     | LCLB      | RICK     | W    | 11:30A - 1:25P  | 115  | 4            |     |     | 8/29 - 12/14 |
| ENG 090-FA635   | INTRO ACAD WRITING  | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:55P | S253 | 4            | 15  | 12  | 8/30 - 12/15 |
|   |                     | Regular     | WKP       | DLTA     | TR   | 1:00P - 1:25P   | S253 | 4            |     |     | 8/30 - 12/15 |
| Note: <b>Learning Community Course.</b> Student must also enroll in ABS 101W-FA625, MTH 092-FA625, CST091-FA625, CST 093-FA625, and CST 094-FA625. Click <a href="http://www.delta.edu/pages/972.aspx">http://www.delta.edu/pages/972.aspx</a> Learning Communities for more information.   |                     |             |           |          |      |                 |      |              |     |     |              |
| ENG 090-FA635   | INTRO ACAD WRITING  | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:55P | S253 | 4            | 15  | 12  | 8/30 - 12/15 |
|   |                     | Regular     | WKP       | DLTA     | TR   | 1:00P - 1:25P   | S253 | 4            |     |     | 8/30 - 12/15 |
| Note: <b>Learning Community Course.</b> Student must also enroll in MTH 092 FA635, SCI 099 FA635, SSI290WFA635, CST 091, 093 and 094-FA635. Click <a href="http://www.delta.edu/pages/972.aspx">http://www.delta.edu/pages/972.aspx</a> LearningCommunities for more information.   |                     |             |           |          |      |                 |      |              |     |     |              |
| ENG 090-FA645   | INTRO ACAD WRITING  | Regular     | LCLB      | DLTA     | TR   | 1:30P - 1:55P   | S040 | 4            | 15  | 14  | 8/30 - 12/15 |
|   |                     | Regular     | WKP       | DLTA     | TR   | 2:00P - 3:55P   | S040 | 4            |     |     | 8/30 - 12/15 |
| Note: <b>Learning Community Course.</b> Must also register for COM 112C FA645, and CST 091 FA645, CST 093645, CST 094 FA645, and MTH 092 FA645 and SSI 290W FA645. Click <a href="http://www.delta.edu/pages/972.aspx">http://www.delta.edu/pages/972.aspx</a> LearningCommunities for more information.                              |                     |             |           |          |      |                 |      |              |     |     |              |
| ENG 090-FA665   | INTRO ACAD WRITING  | Regular     | LCLB      | DLTA     | T    | 11:00A - 12:55P | M103 | 4            | 15  | 16  | 8/30 - 12/15 |
|   |                     | Regular     | WKP       | DLTA     | T    | 1:00P - 1:25P   | M103 | 4            |     |     | 8/30 - 12/15 |
|   |                     | Regular     | LN2       | DLTA     | R    | 11:00A - 12:55P | S263 | 4            |     |     | 8/30 - 12/15 |
|   |                     | Regular     | WKP       | DLTA     | R    | 1:00P - 1:25P   | S263 | 4            |     |     | 8/30 - 12/15 |
| Note: <b>Learning Community Course.</b> Student must also enroll in ENG093W-FA655 and ABS 101W-FA655. Students are required to bring their own WIFI enabled netbooks or laptops to each class. Click <a href="http://www.delta.edu/pages/972.aspx">http://www.delta.edu/pages/972.aspx</a> Learning Communities for more information. |                     |             |           |          |      |                 |      |              |     |     |              |
| ENG 093W-FA110  | READING & VOCAB DEV | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:55A   | S039 | 4            | 15  | 15  | 8/29 - 12/14 |
| ENG 093W-FA125  | READING & VOCAB DEV | Regular     | LCLB      | DCPL     | TR   | 10:00A - 11:55A | 223  | 4            | 15  | 16  | 8/30 - 12/15 |
| ENG 093W-FA130  | READING & VOCAB DEV | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | S054 | 4            | 18  | 17  | 8/29 - 12/14 |
| ENG 093W-FA140  | READING & VOCAB DEV | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:55P | S055 | 4            | 18  | 19  | 8/30 - 12/15 |
| ENG 093W-FA144  | READING & VOCAB DEV | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | S054 | 4            | 18  | 17  | 8/29 - 12/14 |
| ENG 093W-FA150  | READING & VOCAB DEV | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | S036 | 4            | 18  | 17  | 8/30 - 12/15 |
| ENG 093W-FA160  | READING & VOCAB DEV | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:55P | L106 | 4            | 18  | 18  | 8/30 - 12/15 |
| ENG 093W-FA169  | READING & VOCAB DEV | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | S056 | 4            | 18  | 16  | 8/29 - 12/14 |
| ENG 093W-FA220  | READING & VOCAB DEV | Regular     | LCLB      | DLTA     | TR   | 4:00P - 5:55P   | S037 | 4            | 18  | 18  | 8/30 - 12/15 |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name  | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|---|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|--------------|
| ENG 093W-FA230  | READING & VOCAB DEV | Regular     | LCLB      | DLTA     | T    | 4:00P - 5:55P   | S038 | 4            | 18  | 15  | 8/30 - 12/15 |
|   |                     | Regular     | LN2       | DLTA     | R    | 4:00P - 5:00P   | S038 | 4            |     |     | 8/30 - 12/15 |
|   |                     | Regular     | LN2       | DLTA     | R    | 5:00P - 5:55P   | A124 | 4            |     |     | 8/30 - 12/15 |
| ENG 093W-FA305  | READING & VOCAB DEV | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | S057 | 4            | 18  | 19  | 8/29 - 12/14 |
| ENG 093W-FA320  | READING & VOCAB DEV | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:55A   | S040 | 4            | 18  | 18  | 8/29 - 12/14 |
| ENG 093W-FA615  | READING & VOCAB DEV | Regular     | LCLB      | DLTA     | MW   | 12:30P - 2:25P  | S056 | 4            | 15  | 16  | 8/29 - 12/14 |
| Note: <b><font color=red>Learning Community Course.</font></b>Student must also enroll in MTH092 FA615 and ABS 101W FA615. Click <a href="http://www.delta.edu/pages/972.aspx">Learning Communities</a> for more information.   |                     |             |           |          |      |                 |      |              |     |     |              |
| ENG 093W-FA665  | READING & VOCAB DEV | Regular     | LCLB      | DLTA     | MW   | 11:00A - 12:55P | S034 | 4            | 15  | 16  | 8/29 - 12/14 |
| Note: <b><font color=red>Learning Community Course.</font></b>Student must also enroll in ENG090-FA655 and ABS 101W-FA655. Students are required to bring their own WIFI enabled netbooks or laptops to each class. Click<a href="http://www.delta.edu/pages/972.aspx">Learning Communities</a> for more information. |                     |             |           |          |      |                 |      |              |     |     |              |
| ET 122-FA110  | PROG LOGIC CONTROL  | Regular     | LCLB      | DLTA     | F    | 1:00P - 2:25P   | L114 | 4            | 18  | 16  | 9/2 - 12/16  |
|   |                     | Regular     | LN2       | DLTA     | F    | 2:30P - 3:55P   | L118 | 4            |     |     | 9/2 - 12/16  |
| OSHA approved safety glasses are required for this course.  |                     |             |           |          |      |                 |      |              |     |     |              |
| Note: Instructor may use out of class testing at the Academic Testing Center for all exams. Computer with Internet access required with some assignments.   |                     |             |           |          |      |                 |      |              |     |     |              |
| FR 111-FA110  | FRENCH ONE          | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | S039 | 4            | 18  | 17  | 8/29 - 12/14 |
| FR 111-FA120  | FRENCH ONE          | Regular     | LCLB      | DLTA     | TR   | 12:00P - 1:55P  | S039 | 4            | 18  | 14  | 8/30 - 12/15 |
| FR 111-FA210  | FRENCH ONE          | Regular     | LCLB      | DLTA     | MW   | 5:00P - 6:55P   | S039 | 4            | 18  | 18  | 8/29 - 12/14 |
| Note: Instructor may use out of class testing at the Academic Testing Center for all exams. Computer with Internet access required with some assignments.   |                     |             |           |          |      |                 |      |              |     |     |              |
| FR 112-FA110  | FRENCH TWO          | Regular     | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | S039 | 4            | 18  | 11  | 8/30 - 12/15 |
| Instructor may use out of class testing at the Testing Center for all Exams. Computer with Internet access may be required for some assignments.  |                     |             |           |          |      |                 |      |              |     |     |              |
| GE 111-FA110  | GERMAN ONE          | Regular     | LCLB      | DLTA     | TR   | 4:00P - 5:55P   | S221 | 4            | 18  | 18  | 8/30 - 12/15 |
| GEO 103W-FA110  | INTRO METEOROLOGY   | Regular     | LCLB      | DLTA     | TR   | 10:00A - 11:55A | D133 | 4            | 27  | 27  | 8/30 - 12/15 |
| GEO 111-FA110   | PHYSICAL GEOGRAPHY  | Regular     | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | E110 | 4            | 25  | 21  | 8/30 - 12/15 |
| Note: Will require an additional one (1) hour of independent labwork each week. Scheduling will be done the first day of class.Students will be required to do computer work using the D2LLearning Management System.   |                     |             |           |          |      |                 |      |              |     |     |              |
| GEO 111-FA120   | PHYSICAL GEOGRAPHY  | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | E110 | 4            | 25  | 21  | 8/29 - 12/14 |
| Note: Will require an additional one (1) hour of independent labwork each week. Scheduling will be done the first day of class.Students will be required to do computer work using the D2LLearning Management System.   |                     |             |           |          |      |                 |      |              |     |     |              |
| GEO 111-FA130   | PHYSICAL GEOGRAPHY  | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | E110 | 4            | 25  | 26  | 8/29 - 12/14 |
| Note: Will require an additional one (1) hour of independent labwork each week. Scheduling will be done the first day of class.Students will be required to do computer work using the D2LLearning Management System.   |                     |             |           |          |      |                 |      |              |     |     |              |
| GEO 111-FA140   | PHYSICAL GEOGRAPHY  | Regular     | LCLB      | DLTA     | TR   | 12:00P - 1:55P  | E110 | 4            | 25  | 25  | 8/30 - 12/15 |
| Note: Will require an additional one (1) hour of independent labwork each week. Scheduling will be done the first day of class.Students will be required to do computer work using the D2LLearning Management System.   |                     |             |           |          |      |                 |      |              |     |     |              |
| GEO 113W-FA110  | WORLD CULTURE GEOGR | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | E112 | 4            | 25  | 24  | 8/29 - 12/14 |
| GEO 113W-FA120  | WORLD CULTURE GEOGR | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:55P | E112 | 4            | 25  | 24  | 8/30 - 12/15 |
| GEO 113W-FA130  | WORLD CULTURE GEOGR | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | E112 | 4            | 25  | 25  | 8/30 - 12/15 |
| GEO 113W-FA310  | WORLD CULTURE GEOGR | Regular     | LCLB      | DLTA     | W    | 6:00P - 9:55P   | E112 | 4            | 25  | 21  | 8/31 - 12/14 |
| GLG 111-FA110   | PHYSICAL GEOLOGY    | Regular     | LCLB      | DLTA     | T    | 9:00A - 10:55A  | E113 | 4            | 25  | 25  | 8/30 - 12/15 |
|   |                     | Regular     | LN2       | DLTA     | R    | 8:00A - 10:55A  | E113 | 4            |     |     | 8/30 - 12/15 |
| GLG 111-FA120   | PHYSICAL GEOLOGY    | Regular     | LCLB      | DLTA     | M    | 9:00A - 11:55A  | E113 | 4            | 25  | 24  | 8/29 - 12/14 |
|   |                     | Regular     | LN2       | DLTA     | W    | 9:00A - 10:55A  | E114 | 4            |     |     | 8/29 - 12/14 |
|   |                     | Regular     | LCLB      | DLTA     | M    | 10:00A - 11:55A | E114 | 4            | 25  | 27  | 8/29 - 12/14 |
| GLG 111-FA130   | PHYSICAL GEOLOGY    | Regular     | LN2       | DLTA     | W    | 9:00A - 11:55A  | E113 | 4            |     |     | 8/29 - 12/14 |
|   |                     | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | E113 | 4            | 25  | 25  | 8/30 - 12/15 |
| GLG 111-FA140   | PHYSICAL GEOLOGY    | Regular     | LCLB      | DLTA     | R    | 11:00A - 12:55P | E114 | 4            |     |     | 8/30 - 12/15 |
|   |                     | Regular     | LCLB      | DLTA     | R    | 11:00A - 12:55P | E114 | 4            |     |     | 8/30 - 12/15 |
| GLG 111-FA310   | PHYSICAL GEOLOGY    | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:25P   | E113 | 4            | 25  | 25  | 8/29 - 12/14 |
|   |                     | Regular     | LN2       | DLTA     | M    | 6:00P - 8:25P   | E112 | 4            |     |     | 8/29 - 12/14 |
| GLG 118-FA110   | GEOLOGY & DINOSAURS | Regular     | LCLB      | DLTA     | T    | 2:00P - 4:25P   | E110 | 4            | 22  | 25  | 8/30 - 12/15 |
|   |                     | Regular     | LCLB      | DLTA     | R    | 2:00P - 4:25P   | E113 | 4            |     |     | 8/30 - 12/15 |
| GLG 130-FA110   | ENVIRON GEOLOGY     | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:25P  | E114 | 4            | 22  | 20  | 8/30 - 12/15 |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name   | Title                | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|--|----------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|--------------|
| GLG 130-FA110  |                      | Regular     | LCLB      | DLTA     | R    | 11:00A - 1:25P  | E113 | 4            |     |     | 8/30 - 12/15 |
| HIS 111CW-FA651  | SURVY EARLY WEST CIV | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:55P | J139 | 4            | 25  | 18  | 8/30 - 12/15 |
| Note: this course is DE-LINKED as a learning community, as of June, 2011.  |                      |             |           |          |      |                 |      |              |     |     |              |
| HIS 111W-FA110   | SURVY EARLY WEST CIV | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | S038 | 4            | 25  | 25  | 8/29 - 12/14 |
| Note: Out-of-class testing.  |                      |             |           |          |      |                 |      |              |     |     |              |
| HIS 111W-FA120   | SURVY EARLY WEST CIV | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | S038 | 4            | 25  | 19  | 8/29 - 12/14 |
| Note: Out-of-class testing.  |                      |             |           |          |      |                 |      |              |     |     |              |
| HIS 111W-FA310   | SURVY EARLY WEST CIV | Regular     | LCLB      | DLTA     | W    | 6:00P - 9:55P   | S266 | 4            | 25  | 22  | 8/31 - 12/14 |
| Note: Does not have HIS 111W as a prerequisite.  |                      |             |           |          |      |                 |      |              |     |     |              |
| HIS 112W-FA110   | SURVEY LATR WEST CIV | Regular     | LCLB      | DLTA     | WF   | 10:00A - 11:55A | J134 | 4            | 25  | 25  | 8/31 - 12/16 |
| HIS 112W-FA120   | SURVEY LATR WEST CIV | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | J132 | 4            | 25  | 27  | 8/30 - 12/15 |
| HIS 112W-FA310   | SURVEY LATR WEST CIV | Regular     | LCLB      | DLTA     | T    | 6:00P - 9:55P   | J134 | 4            | 25  | 26  | 8/30 - 12/13 |
| Note: Out-of-class testing.  |                      |             |           |          |      |                 |      |              |     |     |              |
| IHU 234W-FA210   | WORLD RELIGIONS      | Regular     | LCLB      | DLTA     | MW   | 5:00P - 6:55P   | S264 | 4            | 20  | 11  | 8/29 - 12/14 |
| Note: Credit may be earned in either IHU-234W or SSI-234W, but not both.   |                      |             |           |          |      |                 |      |              |     |     |              |
| LIT 251W-FA310   | CHILDRENS LIT        | Regular     | LCLB      | DLTA     | W    | 6:00P - 9:55P   | S037 | 4            | 22  | 15  | 8/31 - 12/14 |
| LWT 251-FA110  | EXERCISE PHYSIOLOGY  | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | P110 | 4            | 15  | 16  | 8/29 - 12/14 |
| Note: Students will be expected to help at an indoor triathlon on Sunday, December 11, from 8 AM until 1 PM at the Delta College Fitness Center.                     |                      |             |           |          |      |                 |      |              |     |     |              |
| MS 181W-FA510  | MACHINE TOOLS 1      | Regular     | LCLB      | DLTA     | TR   | 8:00A - 9:25A   | L114 | 4            | 8   | 4   | 8/30 - 12/13 |
|  |                      | Regular     | LN2       | DLTA     | TR   | 9:30A - 10:55A  | L125 | 4            |     |     | 8/30 - 12/13 |
| MS 181W-FA520  | MACHINE TOOLS 1      | Regular     | LCLB      | DLTA     | T    | 4:00P - 5:55P   | L114 | 4            | 2   | 2   | 8/30 - 12/13 |
|  |                      | Regular     | LN2       | DLTA     | T    | 6:00P - 9:55P   | L125 | 4            |     |     | 8/30 - 12/13 |
| MS 182-FA310   | MACHINE TOOLS II     | Regular     | LCLB      | DLTA     | T    | 4:00P - 5:55P   | L114 | 4            | 0   | 0   | 8/30 - 12/15 |
|  |                      | Regular     | LN2       | DLTA     | T    | 6:00P - 9:55P   | L125 | 4            |     |     | 8/30 - 12/15 |
| MT 110-FA510   | MACH TOOL CALCULATN  | Regular     | LCLB      | DLTA     | T    | 6:00P - 9:55P   | M104 | 4            | 4   | 4   | 8/30 - 12/13 |
| MTH 103-FA510  | APPLIED GEOM & TRIG  | Regular     | LCLB      | DLTA     | T    | 6:00P - 9:55P   | M104 | 4            | 8   | 7   | 8/30 - 12/13 |
| Note: A graphing calculator is required. A TI-83/84 family calculator is recommended.  |                      |             |           |          |      |                 |      |              |     |     |              |
| MTH 118W-FA110   | MATH EXPLOR          | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | A213 | 4            | 28  | 18  | 8/29 - 12/14 |
| Note: Out of class testing in Academic Testing Center.   |                      |             |           |          |      |                 |      |              |     |     |              |
| Note: For students that received a C or better in prerequisite course, MTH 097. Graphing calculator required. TI 83/84 family calculator recommended.                |                      |             |           |          |      |                 |      |              |     |     |              |
| MTH 119AW-FA110  | INT ALG EXTEND HRS   | Regular     | LCLB      | DLTA     | MWF  | 8:00A - 9:55A   | A207 | 4            | 22  | 24  | 8/29 - 12/16 |
| Note: Computer aided homework section.   |                      |             |           |          |      |                 |      |              |     |     |              |
| MTH 119AW-FA120  | INT ALG EXTEND HRS   | Regular     | LCLB      | DLTA     | MWF  | 10:00A - 11:55A | A211 | 4            | 22  | 24  | 8/29 - 12/16 |
| MTH 119AW-FA130  | INT ALG EXTEND HRS   | Regular     | LCLB      | DLTA     | MWF  | 12:00P - 1:55P  | A211 | 4            | 22  | 24  | 8/29 - 12/16 |
| Note: Out of class testing in academic testing center. Computer aided homework section.  |                      |             |           |          |      |                 |      |              |     |     |              |
| MTH 119AW-FA140  | INT ALG EXTEND HRS   | Regular     | LCLB      | DLTA     | MTR  | 2:00P - 3:55P   | A209 | 4            | 22  | 22  | 8/29 - 12/15 |
| Note: Course Pack ONLY required...available in Delta Bookstore.  |                      |             |           |          |      |                 |      |              |     |     |              |
| MTH 119AW-FA210  | INT ALG EXTEND HRS   | Regular     | LCLB      | DLTA     | MWR  | 3:00P - 4:55P   | E110 | 4            | 22  | 23  | 8/29 - 12/15 |
| MTH 119AW-FA310  | INT ALG EXTEND HRS   | Regular     | LCLB      | DLTA     | MWR  | 7:00P - 8:55P   | A205 | 4            | 22  | 21  | 8/29 - 12/15 |
| MTH 119AW-FA315  | INT ALG EXTEND HRS   | Regular     | LCLB      | DLTA     | MTR  | 7:00P - 8:55P   | A211 | 4            | 22  | 19  | 8/29 - 12/15 |
| Note: For students that received a B- or better in the prerequisite course, MTH 097. A graphing calculator is required. A TI-83/84 family calculator is recommended. |                      |             |           |          |      |                 |      |              |     |     |              |
| MTH 119W-FA105   | INTERMED ALGEBRA     | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:55A   | A208 | 4            | 28  | 31  | 8/29 - 12/14 |
| Note: Out of class testing in the Academic Testing Center.   |                      |             |           |          |      |                 |      |              |     |     |              |
| MTH 119W-FA107   | INTERMED ALGEBRA     | Regular     | LCLB      | DLTA     | TR   | 8:00A - 9:55A   | A205 | 4            | 28  | 31  | 8/30 - 12/15 |
| Note: Computer aided homework section. Out of class testing in the Academic Testing Center.  |                      |             |           |          |      |                 |      |              |     |     |              |
| MTH 119W-FA110   | INTERMED ALGEBRA     | Regular     | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | A213 | 4            | 28  | 32  | 8/30 - 12/15 |
| Note: Out of class testing in the Academic Testing Center. Computer aided homework section.  |                      |             |           |          |      |                 |      |              |     |     |              |
| MTH 119W-FA112   | INTERMED ALGEBRA     | Regular     | LCLB      | OTHR     | MW   | 8:30A - 10:40A  | HATC | 4            | 28  | 22  | 9/7 - 12/14  |
| Class held at Huron Area Tech Center, 1160 S. VanDyke, Bad Axe, MI   |                      |             |           |          |      |                 |      |              |     |     |              |
| MTH 119W-FA115   | INTERMED ALGEBRA     | Regular     | LCLB      | DCMC     | TR   | 8:00A - 9:55A   | 204  | 4            | 28  | 30  | 8/30 - 12/15 |
| Note: Out class testing in the Academic Testing Center.  |                      |             |           |          |      |                 |      |              |     |     |              |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name  | Title              | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|---|--------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|--------------|
| MTH 119W-FA117  | INTERMED ALGEBRA   | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | A208 | 4            | 28  | 30  | 8/29 - 12/14 |
| Note: Out of class testing in the Academic Testing Center.Computer aided homework section.  |                    |             |           |          |      |                 |      |              |     |     |              |
| MTH 119W-FA118  | INTERMED ALGEBRA   | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | A206 | 4            | 28  | 30  | 8/29 - 12/14 |
| Note: Computer Aided Homework Section.  |                    |             |           |          |      |                 |      |              |     |     |              |
| MTH 119W-FA120  | INTERMED ALGEBRA   | Regular     | LCLB      | DCMC     | TR   | 10:00A - 11:55A | 106  | 4            | 28  | 22  | 8/30 - 12/15 |
| Note: Computer Aided Homework section.  |                    |             |           |          |      |                 |      |              |     |     |              |
| MTH 119W-FA125  | INTERMED ALGEBRA   | Regular     | LCLB      | DCPL     | MW   | 10:00A - 11:55A | 212  | 4            | 28  | 20  | 8/29 - 12/14 |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> .  |                    |             |           |          |      |                 |      |              |     |     |              |
| MTH 119W-FA130  | INTERMED ALGEBRA   | Regular     | LCLB      | DCPL     | TR   | 12:00P - 1:55P  | 212  | 4            | 28  | 25  | 8/30 - 12/15 |
| MTH 119W-FA135  | INTERMED ALGEBRA   | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | A208 | 4            | 28  | 33  | 8/29 - 12/14 |
| Note: Computer Aided Homework Section. Out of class testing in the Academic Testing Center.   |                    |             |           |          |      |                 |      |              |     |     |              |
| MTH 119W-FA137  | INTERMED ALGEBRA   | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | E116 | 4            | 28  | 30  | 8/29 - 12/14 |
| Note: Out of class testing in the Academic Testing Center.Computer aided homework section.  |                    |             |           |          |      |                 |      |              |     |     |              |
| MTH 119W-FA140  | INTERMED ALGEBRA   | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | A206 | 4            | 28  | 27  | 8/29 - 12/14 |
| MTH 119W-FA145  | INTERMED ALGEBRA   | Regular     | LCLB      | DLTA     | TR   | 12:00P - 1:55P  | A207 | 4            | 28  | 33  | 8/30 - 12/15 |
| Note: Out of class testing in the Academic Testing Center.Computer Aided Homework Section.  |                    |             |           |          |      |                 |      |              |     |     |              |
| MTH 119W-FA150  | INTERMED ALGEBRA   | Regular     | LCLB      | OTHR     | MW   | 12:15P - 2:25P  | TUSC | 4            | 28  | 21  | 9/7 - 12/14  |
| Class held at Tuscola Technology Center - 1401 Cleaver RoadCaro, MI 48723   |                    |             |           |          |      |                 |      |              |     |     |              |
| MTH 119W-FA160  | INTERMED ALGEBRA   | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | A206 | 4            | 28  | 31  | 8/30 - 12/15 |
| MTH 119W-FA165  | INTERMED ALGEBRA   | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | A204 | 4            | 28  | 34  | 8/30 - 12/15 |
| Note: Computer Aided Homework Section. Out of class testing in the Academic Testing Center.   |                    |             |           |          |      |                 |      |              |     |     |              |
| MTH 119W-FA210  | INTERMED ALGEBRA   | Regular     | LCLB      | DLTA     | MW   | 5:00P - 6:55P   | A207 | 4            | 28  | 28  | 8/29 - 12/14 |
| MTH 119W-FA220  | INTERMED ALGEBRA   | Regular     | LCLB      | RICK     | TR   | 4:00P - 5:55P   | 114  | 4            | 28  | 21  | 8/30 - 12/15 |
| MTH 119W-FA230  | INTERMED ALGEBRA   | Regular     | LCLB      | DLTA     | TR   | 4:00P - 5:55P   | A204 | 4            | 28  | 31  | 8/30 - 12/15 |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> .  |                    |             |           |          |      |                 |      |              |     |     |              |
| MTH 119W-FA310  | INTERMED ALGEBRA   | Regular     | LCLB      | DLTA     | MW   | 5:00P - 6:55P   | A205 | 4            | 28  | 29  | 8/29 - 12/14 |
| MTH 119W-FA320  | INTERMED ALGEBRA   | Regular     | LCLB      | DLTA     | TR   | 6:00P - 7:55P   | A204 | 4            | 28  | 30  | 8/30 - 12/15 |
| Note: Course Pack ONLY required...available in Delta Bookstore.   |                    |             |           |          |      |                 |      |              |     |     |              |
| MTH 119W-FA410  | INTERMED ALGEBRA   | Regular     | LCLB      | DLTA     | S    | 9:00A - 12:55P  | A203 | 4            | 28  | 30  | 8/27 - 12/17 |
| <u>Note: A graphing calculator is required. A TI-83/84 family calculator is recommended.</u>  |                    |             |           |          |      |                 |      |              |     |     |              |
| MTH 122W-FA110  | COLLEGE ALGEBRA    | Regular     | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | A207 | 4            | 28  | 26  | 8/30 - 12/15 |
| MTH 122W-FA115  | COLLEGE ALGEBRA    | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | A203 | 4            | 28  | 32  | 8/29 - 12/14 |
| MTH 122W-FA205  | COLLEGE ALGEBRA    | Regular     | LCLB      | DLTA     | TR   | 4:00P - 5:55P   | A205 | 4            | 28  | 25  | 8/30 - 12/15 |
| Note: May be out of class testing in Academic Testing Center.   |                    |             |           |          |      |                 |      |              |     |     |              |
| MTH 122W-FA210  | COLLEGE ALGEBRA    | Regular     | LCLB      | DLTA     | MW   | 5:00P - 6:55P   | A209 | 4            | 28  | 26  | 8/29 - 12/14 |
| <u>Note: A graphing calculator is required. A TI-83/84 family calculator or TI-89 or nSpire CAS is recommended.</u>   |                    |             |           |          |      |                 |      |              |     |     |              |
| MTH 151-FA110   | PRE-CALCULUS       | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:55A   | A204 | 4            | 28  | 20  | 8/29 - 12/14 |
| MTH 151-FA120   | PRE-CALCULUS       | Regular     | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | A206 | 4            | 28  | 25  | 8/30 - 12/15 |
| MTH 151-FA125   | PRE-CALCULUS       | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | A204 | 4            | 28  | 20  | 8/29 - 12/14 |
| Note: Out of class testing in the Academic Testing Center.  |                    |             |           |          |      |                 |      |              |     |     |              |
| MTH 151-FA130   | PRE-CALCULUS       | Regular     | LCLB      | DLTA     | TR   | 12:00P - 1:55P  | A209 | 4            | 28  | 18  | 8/30 - 12/15 |
| Note: Computer aided homework section. Out of class testing in the Academic Testing Center.   |                    |             |           |          |      |                 |      |              |     |     |              |
| MTH 151-FA150   | PRE-CALCULUS       | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | A208 | 4            | 28  | 14  | 8/30 - 12/15 |
| Note: Computer aided homework section. Out of class testing in the Academic Testing Center.   |                    |             |           |          |      |                 |      |              |     |     |              |
| MTH 151-FA310   | PRE-CALCULUS       | Regular     | LCLB      | DLTA     | MW   | 5:00P - 6:55P   | S253 | 4            | 28  | 23  | 8/29 - 12/14 |
| <u>Note: A graphing calculator is required. A TI-83/84 family calculator is recommended.</u>  |                    |             |           |          |      |                 |      |              |     |     |              |
| MTH 160-FA110   | CALC SOC & MGR SCI | Regular     | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | A208 | 4            | 28  | 23  | 8/30 - 12/15 |
| <u>A graphing calculator is required. A TI-89 or nSpire CAS is recommended if you are taking higher math classes. Please refer to the Graphing Calculator web page at &lt;a href="http://www3.delta.edu/math/"&gt;Math Division&lt;/a&gt;</u> |                    |             |           |          |      |                 |      |              |     |     |              |
| MTH 161-FA120   | ANL GEOM & CALC I  | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:55A   | A206 | 4            | 28  | 37  | 8/29 - 12/14 |
| Note: Out of class testing in Academic Testing Center. Computeraided homework section.  |                    |             |           |          |      |                 |      |              |     |     |              |
| MTH 161-FA140   | ANL GEOM & CALC I  | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | A213 | 4            | 28  | 29  | 8/30 - 12/15 |
| Note: Computer aided homework section.  |                    |             |           |          |      |                 |      |              |     |     |              |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name  | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|---|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|--------------|
| MTH 161-FA210   | ANL GEOM & CALC I   | Regular     | LCLB      | DLTA     | MW   | 5:00P - 6:55P   | C111 | 4            | 28  | 25  | 8/29 - 12/14 |
| Note: Out of class testing in the Academic Testing Center. Computer aided homework section.   |                     |             |           |          |      |                 |      |              |     |     |              |
| MTH 161-FA310   | ANL GEOM & CALC I   | Regular     | LCLB      | DLTA     | TR   | 6:00P - 7:55P   | A206 | 4            | 28  | 16  | 8/30 - 12/15 |
| Note: Out of class testing in the Academic Testing Center.  |                     |             |           |          |      |                 |      |              |     |     |              |
| Note: A TI-89 or nSpire CAS graphing calculator is required. Please refer to the Graphing Calculator web page at <a href="http://www3.delta.edu/math/">http://www3.delta.edu/math/</a> >Math Division</a>                   |                     |             |           |          |      |                 |      |              |     |     |              |
| MTH 162-FA110   | ANL GEOM & CALC II  | Regular     | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | M105 | 4            | 28  | 26  | 8/30 - 12/15 |
| MTH 162-FA210   | ANL GEOM & CALC II  | Regular     | LCLB      | DLTA     | M    | 5:00P - 6:55P   | M104 | 4            | 28  | 27  | 8/29 - 12/14 |
|   |                     | Regular     | LN2       | DLTA     | W    | 5:00P - 6:55P   | S125 | 4            |     |     | 8/29 - 12/14 |
| Note: All Sections: TI-89 graphing calculator is required.  |                     |             |           |          |      |                 |      |              |     |     |              |
| MTH 261-FA110   | ANL GEOM & CALC III | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | A209 | 4            | 28  | 21  | 8/29 - 12/14 |
| Note: Out of class testing in the Academic Testing Center.  |                     |             |           |          |      |                 |      |              |     |     |              |
| MTH 261-FA310   | ANL GEOM & CALC III | Regular     | LCLB      | DLTA     | TR   | 6:00P - 7:55P   | A208 | 4            | 28  | 13  | 8/30 - 12/15 |
| Note: Out of class testing in the Academic Testing Center.  |                     |             |           |          |      |                 |      |              |     |     |              |
| Note: THEORY COURSE: Must also register for lab section and Elsevier computerized assessment testing (FEE 905). Lecture times vary within the scheduled days/hours. Detailed calendar provided by instructor.               |                     |             |           |          |      |                 |      |              |     |     |              |
| NUR 250W-FA710  | NSG CARE/MGMT L     | Regular     | LCLB      | DLTA     | T    | 9:00A - 3:00P   | F010 | 4            | 20  | 19  | 8/30 - 8/30  |
|   |                     | Regular     | LN2       | DLTA     | T    | 9:00A - 3:00P   | F240 | 4            |     |     | 9/6 - 9/20   |
| NUR 250W-FA720  | NSG CARE/MGMT L     | Regular     | LCLB      | DLTA     | T    | 9:00A - 3:00P   | F243 | 4            | 20  | 20  | 8/30 - 8/30  |
|   |                     | Regular     | LCLB      | DLTA     | R    | 9:00A - 3:00P   | F250 | 4            |     |     | 9/1 - 9/1    |
| OAT 266-FA310   | MEDICAL OFFICE PRAC | Regular     | LCLB      | DLTA     | MW   | 6:00P - 7:55P   | K109 | 4            | 18  | 15  | 8/29 - 12/14 |
| PHL 221-FA120   | LOGIC               | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | S253 | 4            | 25  | 25  | 8/29 - 12/14 |
| PHY 101-FA110   | APPLIED PHYSICS     | Regular     | LCLB      | DLTA     | MWF  | 8:00A - 9:55A   | E119 | 4            | 20  | 19  | 8/29 - 12/16 |
| PHY 101-FA120   | APPLIED PHYSICS     | Regular     | LCLB      | DLTA     | MWF  | 10:00A - 11:55A | E119 | 4            | 20  | 19  | 8/29 - 12/16 |
| PHY 101-FA130   | APPLIED PHYSICS     | Regular     | LCLB      | DLTA     | MWF  | 12:00P - 1:55P  | E119 | 4            | 20  | 19  | 8/29 - 12/16 |
| PHY 101-FA150   | APPLIED PHYSICS     | Regular     | LCLB      | DLTA     | TR   | 11:00A - 1:55P  | E119 | 4            | 20  | 20  | 8/30 - 12/15 |
| PHY 101-FA160   | APPLIED PHYSICS     | Regular     | LCLB      | DLTA     | TR   | 2:00P - 4:55P   | E119 | 4            | 20  | 21  | 8/30 - 12/15 |
| PHY 101-FA310   | APPLIED PHYSICS     | Regular     | LCLB      | DLTA     | TR   | 6:00P - 8:55P   | E119 | 4            | 20  | 19  | 8/30 - 12/15 |
| PHY 101-FA510   | APPLIED PHYSICS     | Regular     | LCLB      | DLTA     | MW   | 6:00P - 8:55P   | E119 | 4            | 15  | 12  | 8/29 - 12/14 |
| PHY 111-FA110   | GENERAL PHYSICS I   | Regular     | LCLB      | DLTA     | MR   | 8:00A - 9:55A   | E118 | 4            | 20  | 18  | 8/29 - 12/15 |
|   |                     | Regular     | LN2       | DLTA     | T    | 8:00A - 10:55A  | E118 | 4            |     |     | 8/29 - 12/15 |
| PHY 111-FA120   | GENERAL PHYSICS I   | Regular     | LCLB      | DLTA     | MR   | 10:00A - 11:55A | E118 | 4            | 20  | 17  | 8/29 - 12/15 |
|   |                     | Regular     | LN2       | DLTA     | W    | 9:00A - 11:55A  | E118 | 4            |     |     | 8/29 - 12/15 |
| PHY 111-FA130   | GENERAL PHYSICS I   | Regular     | LCLB      | DLTA     | MR   | 2:00P - 3:55P   | E118 | 4            | 20  | 19  | 8/29 - 12/15 |
|   |                     | Regular     | LN2       | DLTA     | T    | 2:00P - 4:55P   | E118 | 4            |     |     | 8/29 - 12/15 |
| PHY 111-FA310   | GENERAL PHYSICS I   | Regular     | LCLB      | DLTA     | TR   | 6:00P - 9:25P   | E118 | 4            | 20  | 19  | 8/30 - 12/15 |
| Note: Same as POL 103W except includes civic engagement project.  |                     |             |           |          |      |                 |      |              |     |     |              |
| POL 104W-FA110  | AMER GOVT W/PROJ    | Regular     | LCLB      | DLTA     | R    | 12:30P - 3:25P  | N210 | 4            | 25  | 24  | 8/30 - 12/13 |
| POL 104W-FA120  | AMER GOVT W/PROJ    | Regular     | LCLB      | RICK     | T    | 1:00P - 3:55P   | 111  | 4            | 25  | 24  | 8/30 - 12/13 |
| POL 104W-FA135  | AMER GOVT W/PROJ    | Regular     | LCLB      | DLTA     | MW   | 10:30A - 11:55A | F002 | 4            | 25  | 24  | 8/29 - 12/14 |
| POL 104W-FA145  | AMER GOVT W/PROJ    | Regular     | LCLB      | DLTA     | MW   | 10:30A - 11:55A | M104 | 4            | 25  | 7   | 8/29 - 12/14 |
| POL 104W-FA150  | AMER GOVT W/PROJ    | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | J136 | 4            | 25  | 25  | 8/30 - 12/15 |
| PSC 101-FA110   | PHYSICAL SCIENCE I  | Regular     | LCLB      | DLTA     | M    | 2:00P - 3:55P   | E119 | 4            | 25  | 20  | 8/29 - 12/14 |
|   |                     | Regular     | LN2       | DLTA     | W    | 2:00P - 4:55P   | E119 | 4            |     |     | 8/29 - 12/14 |
| PSC 101-FA120   | PHYSICAL SCIENCE I  | Regular     | LCLB      | DLTA     | T    | 9:00A - 10:55A  | E126 | 4            | 25  | 22  | 8/30 - 12/15 |
|   |                     | Regular     | LN2       | DLTA     | R    | 9:00A - 11:55A  | E126 | 4            |     |     | 8/30 - 12/15 |
| PSC 101-FA130   | PHYSICAL SCIENCE I  | Regular     | LCLB      | DLTA     | T    | 2:00P - 3:55P   | E126 | 4            | 25  | 23  | 8/30 - 12/15 |
|   |                     | Regular     | LN2       | DLTA     | R    | 2:00P - 4:55P   | E126 | 4            |     |     | 8/30 - 12/15 |
| PSY 211HW-FA110   | HNRS GENL PSYCH     | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | S266 | 4            | 22  | 21  | 8/30 - 12/15 |
| Note: Must qualify for Honors Program to enroll in this course. Contact Honors Program office at 989-686-9091 or <a href="http://www3.delta.edu/honors/">http://www3.delta.edu/honors/</a> >Honors Website</a> for details. |                     |             |           |          |      |                 |      |              |     |     |              |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name   | Title              | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|----------------|--------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|--------------|
| PSY 211W-FA105 | GENERAL PSYCHOLOGY | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:55A   | S226 | 4            | 25  | 26  | 8/29 - 12/14 |
| PSY 211W-FA107 | GENERAL PSYCHOLOGY | Regular     | LCLB      | DLTA     | TR   | 8:00A - 9:55A   | S038 | 4            | 25  | 27  | 8/30 - 12/15 |
| PSY 211W-FA110 | GENERAL PSYCHOLOGY | Regular     | LCLB      | DCPL     | TR   | 8:00A - 9:55A   | 217  | 4            | 25  | 25  | 8/30 - 12/15 |
| PSY 211W-FA115 | GENERAL PSYCHOLOGY | Regular     | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | S221 | 4            | 25  | 26  | 8/30 - 12/15 |
| PSY 211W-FA120 | GENERAL PSYCHOLOGY | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | S228 | 4            | 25  | 26  | 8/29 - 12/14 |
| PSY 211W-FA125 | GENERAL PSYCHOLOGY | Regular     | LCLB      | DCMC     | TR   | 10:00A - 11:55A | 153  | 4            | 25  | 27  | 8/30 - 12/15 |
| PSY 211W-FA130 | GENERAL PSYCHOLOGY | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | J141 | 4            | 25  | 24  | 8/29 - 12/14 |
| PSY 211W-FA135 | GENERAL PSYCHOLOGY | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | S258 | 4            | 25  | 25  | 8/29 - 12/14 |
| PSY 211W-FA140 | GENERAL PSYCHOLOGY | Regular     | LCLB      | DLTA     | F    | 10:00A - 1:55P  | J138 | 4            | 25  | 29  | 9/2 - 12/16  |
| PSY 211W-FA145 | GENERAL PSYCHOLOGY | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:55P | S225 | 4            | 25  | 26  | 8/30 - 12/15 |
| PSY 211W-FA150 | GENERAL PSYCHOLOGY | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | J141 | 4            | 25  | 26  | 8/29 - 12/14 |
| PSY 211W-FA155 | GENERAL PSYCHOLOGY | Regular     | LCLB      | DLTA     | TR   | 12:00P - 1:55P  | S258 | 4            | 25  | 25  | 8/30 - 12/15 |
| PSY 211W-FA160 | GENERAL PSYCHOLOGY | Regular     | LCLB      | DLTA     | TR   | 12:00P - 1:55P  | S221 | 4            | 25  | 27  | 8/30 - 12/15 |
| PSY 211W-FA165 | GENERAL PSYCHOLOGY | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | S228 | 4            | 25  | 26  | 8/29 - 12/14 |
| PSY 211W-FA170 | GENERAL PSYCHOLOGY | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | S221 | 4            | 25  | 28  | 8/30 - 12/15 |
| PSY 211W-FA175 | GENERAL PSYCHOLOGY | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | S258 | 4            | 25  | 26  | 8/30 - 12/15 |
| PSY 211W-FA180 | GENERAL PSYCHOLOGY | Regular     | LCLB      | RICK     | MR   | 2:00P - 3:55P   | 111  | 4            | 25  | 28  | 8/29 - 12/15 |
| PSY 211W-FA185 | GENERAL PSYCHOLOGY | Regular     | LCLB      | DLTA     | M    | 12:00P - 3:55P  | S260 | 4            | 25  | 28  | 8/29 - 12/12 |
| PSY 211W-FA210 | GENERAL PSYCHOLOGY | Regular     | LCLB      | DCPL     | T    | 6:00P - 9:55P   | 213  | 4            | 25  | 29  | 8/30 - 12/13 |
| PSY 211W-FA220 | GENERAL PSYCHOLOGY | Regular     | LCLB      | DLTA     | T    | 6:00P - 9:55P   | S226 | 4            | 25  | 26  | 8/30 - 12/13 |
| PSY 211W-FA305 | GENERAL PSYCHOLOGY | Regular     | LCLB      | DCPL     | M    | 6:00P - 9:55P   | 213  | 4            | 25  | 28  | 8/29 - 12/12 |
| PSY 211W-FA310 | GENERAL PSYCHOLOGY | Regular     | LCLB      | RICK     | T    | 6:00P - 9:55P   | 113  | 4            | 25  | 27  | 8/30 - 12/13 |
| PSY 211W-FA320 | GENERAL PSYCHOLOGY | Regular     | LCLB      | DLTA     | T    | 6:00P - 9:55P   | S228 | 4            | 25  | 24  | 8/30 - 12/13 |
| PSY 211W-FA330 | GENERAL PSYCHOLOGY | Regular     | LCLB      | DLTA     | R    | 6:00P - 9:55P   | E110 | 4            | 25  | 27  | 9/1 - 12/15  |
| PSY 211W-FA335 | GENERAL PSYCHOLOGY | Regular     | LCLB      | DLTA     | R    | 6:00P - 9:55P   | S225 | 4            | 25  | 25  | 9/1 - 12/15  |
| PSY 211W-FA340 | GENERAL PSYCHOLOGY | Regular     | LCLB      | DLTA     | W    | 6:00P - 9:55P   | S226 | 4            | 25  | 26  | 8/31 - 12/14 |
| PSY 211W-FA345 | GENERAL PSYCHOLOGY | Regular     | LCLB      | DLTA     | W    | 6:00P - 9:55P   | S225 | 4            | 25  | 26  | 8/31 - 12/14 |
| PSY 211W-FA350 | GENERAL PSYCHOLOGY | Regular     | LCLB      | DLTA     | M    | 6:00P - 9:55P   | S224 | 4            | 25  | 33  | 8/29 - 12/12 |
| PSY 211W-FA370 | GENERAL PSYCHOLOGY | Regular     | LCLB      | DLTA     | W    | 6:00P - 9:55P   | S228 | 4            | 25  | 24  | 8/31 - 12/14 |
| PSY 211W-FA410 | GENERAL PSYCHOLOGY | Regular     | LCLB      | DLTA     | S    | 9:00A - 12:55P  | S258 | 4            | 25  | 25  | 8/27 - 12/17 |
| PSY 211W-FA652 | GENERAL PSYCHOLOGY | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | S224 | 4            | 18  | 16  | 8/30 - 12/15 |

Note: Beginning Fall semester 2010, this course may use online resources requiring an access code (included in the textbook price at the Delta College Bookstore). Purchasing textbooks elsewhere may require purchase of an individual access code through the publisher.

Note: <b><font color=red>Learning Community Course.</font></b> Must also register for ENG 097W- FA652, ENG 098-FA652 and SSI 290W-FA652. Click <a href="http://www.delta.edu/pages/972.aspx">Learning Communities</a> for more information.

|                |                    |         |      |      |    |               |      |   |    |    |              |
|----------------|--------------------|---------|------|------|----|---------------|------|---|----|----|--------------|
| PSY 211W-FA890 | GENERAL PSYCHOLOGY | Regular | LCLB | OTHR | -  | -             | HATC | 4 | 0  | 19 | 9/7 - 12/16  |
| SCI 099-FA635  | FOUNDATION SCIENCE | Regular | LCLB | DLTA | TR | 2:00P - 3:55P | C123 | 4 | 15 | 12 | 8/30 - 12/15 |
|                |                    | Regular | LN2  | DLTA | TR | 2:00P - 3:55P | CNET | 4 |    |    | 8/30 - 12/15 |

Note: <b><font color=red>Learning Community Course.</font></b> Student must also enroll in ENG 090 FA635, MTH 092 FA635, SSI 290 FA635, CST 091, 093 and 094 FA635. This CNET course also requires students to have access to a computer with the internet connectivity. For more information contact instructor at jemertz@delta.edu. Click <a href="http://www.delta.edu/pages/972.aspx">LearningCommunities</a> for more information.

|                 |                     |         |      |      |    |                |      |   |    |    |              |
|-----------------|---------------------|---------|------|------|----|----------------|------|---|----|----|--------------|
| SKCN 162-FA530  | CNC THEORY          | Regular | LCLB | DLTA | W  | 5:00P - 8:55P  | L117 | 4 | 5  | 6  | 8/31 - 12/14 |
|                 |                     | Regular | LN2  | DLTA | W  | 5:00P - 8:55P  | L125 | 4 |    |    | 8/31 - 12/14 |
| SKDR 101-FA215  | SKETCH/BLPRT READ   | Regular | LCLB | RICK | M  | 4:30P - 8:25P  | 148  | 4 | 17 | 19 | 8/29 - 12/12 |
| SKDR 101-FA310  | SKETCH/BLPRT READ   | Regular | LCLB | DLTA | R  | 6:00P - 9:55P  | L106 | 4 | 20 | 19 | 9/1 - 12/15  |
| SKDR 101-FA320  | SKETCH/BLPRT READ   | Regular | LCLB | DLTA | M  | 5:00P - 8:55P  | N202 | 4 | 18 | 17 | 8/29 - 12/12 |
| SKEL 102-FA310  | INDUST ELECTRONICS  | Regular | LCLB | DLTA | M  | 5:00P - 8:55P  | N208 | 4 | 16 | 21 | 8/29 - 12/12 |
| SKMA 103-FA510  | APPLIED GEOM & TRIG | Regular | LCLB | DLTA | T  | 6:00P - 9:55P  | M104 | 4 | 12 | 8  | 8/30 - 12/13 |
| SKPH 101-FA510  | APPLIED PHYSICS     | Regular | LCLB | DLTA | MW | 6:00P - 8:55P  | E119 | 4 | 5  | 5  | 8/29 - 12/14 |
| SKTR 181W-FA510 | MACHINE TOOLS 1     | Regular | LCLB | DLTA | TR | 8:00A - 9:25A  | L114 | 4 | 4  | 3  | 8/30 - 12/13 |
|                 |                     | Regular | LN2  | DLTA | TR | 9:30A - 10:55A | L125 | 4 |    |    | 8/30 - 12/13 |
| SKTR 181W-FA520 | MACHINE TOOLS 1     | Regular | LCLB | DLTA | T  | 4:00P - 5:55P  | L114 | 4 | 7  | 4  | 8/30 - 12/13 |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name  | Title                | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|---|----------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|--------------|
| SKTR 181W-FA520   |                      | Regular     | LN2       | DLTA     | T    | 6:00P - 9:55P   | L125 | 4            |     |     | 8/30 - 12/13 |
| SKTR 182-FA520  | MACHINE TOOLS II     | Regular     | LCLB      | DLTA     | T    | 4:00P - 5:55P   | L114 | 4            | 3   | 2   | 8/30 - 12/13 |
|   |                      | Regular     | LN2       | DLTA     | T    | 6:00P - 9:55P   | L125 | 4            |     |     | 8/30 - 12/13 |
| SOC 230W-FA110  | PHYSICL ANTHROP/ARCH | Regular     | LCLB      | DLTA     | W    | 8:00A - 11:55A  | S041 | 4            | 20  | 10  | 8/31 - 12/14 |
| Note: Testing may be required in LLIC.  |                      |             |           |          |      |                 |      |              |     |     |              |
| <u>Note: Course open ONLY to those with NO PREVIOUS high school or college Spanish or with instructor permission. Instructor may use out of class testing in the Testing Center for all Exams. Computer with Internet access may be required for some assignments.</u>          |                      |             |           |          |      |                 |      |              |     |     |              |
| SPA 111-FA110   | SPANISH ONE          | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | S226 | 4            | 18  | 15  | 8/29 - 12/14 |
| SPA 111-FA120   | SPANISH ONE          | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | S226 | 4            | 20  | 19  | 8/29 - 12/14 |
| SPA 111-FA130   | SPANISH ONE          | Regular     | LCLB      | DLTA     | MW   | 2:00P - 3:55P   | S266 | 4            | 18  | 15  | 8/29 - 12/14 |
| SPA 111-FA150   | SPANISH ONE          | Regular     | LCLB      | DLTA     | TR   | 6:00P - 7:55P   | S258 | 4            | 18  | 18  | 8/30 - 12/15 |
| SPA 111-FA160   | SPANISH ONE          | Regular     | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | S261 | 4            | 18  | 17  | 8/30 - 12/15 |
| SPA 111-FA210   | SPANISH ONE          | Regular     | LCLB      | DLTA     | MW   | 5:00P - 6:55P   | S258 | 4            | 18  | 15  | 8/29 - 12/14 |
| SPA 111-FA310   | SPANISH ONE          | Regular     | LCLB      | DLTA     | TR   | 7:00P - 8:55P   | S221 | 4            | 18  | 17  | 8/30 - 12/15 |
| SPA 111-FA320   | SPANISH ONE          | Regular     | LCLB      | DLTA     | MW   | 7:00P - 8:55P   | S253 | 4            | 18  | 18  | 8/29 - 12/14 |
| <u>Note: Course open to those with 1 year of high school or 1 semester of college Spanish or with instructor permission. Instructor may use out of class testing at the Testing Center for all Exams. Computer with Internet access may be required for some assignments.</u>   |                      |             |           |          |      |                 |      |              |     |     |              |
| SPA 112-FA110   | SPANISH TWO          | Regular     | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | F004 | 4            | 18  | 20  | 8/30 - 12/15 |
| SPA 112-FA140   | SPANISH TWO          | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | F007 | 4            | 18  | 17  | 8/29 - 12/14 |
| SPA 112-FA310   | SPANISH TWO          | Regular     | LCLB      | DLTA     | MW   | 7:00P - 8:55P   | S261 | 4            | 18  | 16  | 8/29 - 12/14 |
| <u>Note: Course open to those with 2 years of high school or 2 semesters of college Spanish or with instructor permission. Instructor may use out of class testing at the Testing Center for all Exams. Computer with Internet access may be required for some assignments.</u> |                      |             |           |          |      |                 |      |              |     |     |              |
| SPA 211-FA110   | SPANISH THREE        | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | S034 | 4            | 18  | 17  | 8/30 - 12/15 |
| <u>Note: Course open to those with 3 years of high school or 3 semesters of college Spanish or with instructor permission. Instructor may use out of class testing at the Testing Center for all Exams. Computer with Internet access may be required for some assignments.</u> |                      |             |           |          |      |                 |      |              |     |     |              |
| SPA 212-FA110   | SPANISH FOUR         | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:55P | F004 | 4            | 18  | 15  | 8/30 - 12/15 |
| <u>Note: Same as IHU 234W and may be taken for SSI or IHU credit but not both.</u>  |                      |             |           |          |      |                 |      |              |     |     |              |
| SSI 234W-FA210  | WORLD RELIGIONS      | Regular     | LCLB      | DLTA     | MW   | 5:00P - 6:55P   | S264 | 4            | 20  | 9   | 8/29 - 12/14 |
| <u>Note: Credit may be earned in either SSI 234W or IHU234W, not both.</u>  |                      |             |           |          |      |                 |      |              |     |     |              |
| ST 230-FA110  | SURGICAL ANATOMY     | Regular     | LCLB      | DLTA     | TR   | 8:00A - 10:55A  | F146 | 4            | 15  | 15  | 8/30 - 12/15 |
| ST 240-FA210  | OPERATIVE PROCEDURES | Regular     | LCLB      | DLTA     | M    | 4:00P - 5:00P   | F146 | 4            | 15  | 15  | 8/29 - 12/16 |
|   |                      | Regular     | LN2       | DLTA     | W    | 1:00P - 2:00P   | F146 | 4            |     |     | 8/29 - 12/16 |
|   |                      | Regular     | LN3       | DLTA     | F    | 3:00P - 5:00P   | F146 | 4            |     |     | 8/29 - 12/16 |
| <u>Note: LAB COURSE: Must also register for theory section.</u>   |                      |             |           |          |      |                 |      |              |     |     |              |
| NUR 240LW-FA110   | NSG CARE ADULT L     | Regular     | LCLB      | OTHR     | SN   | 6:30A - 5:30P   | BMED | 4.3          | 9   | 9   | 8/30 - 12/18 |
|   |                      | Regular     | LN2       | OTHR     |      | -               |      | 4.3          |     |     | 8/30 - 12/18 |
|   |                      | Regular     |           | OTHR     |      | -               |      | 4.3          |     |     | -            |
| NUR 240LW-FA120   | NSG CARE ADULT L     | Regular     | LCLB      | OTHR     | MT   | 6:30A - 5:30P   | COVC | 4.3          | 9   | 10  | 8/30 - 12/18 |
| NUR 240LW-FA130   | NSG CARE ADULT L     | Regular     | LCLB      | OTHR     | RF   | 6:30A - 5:30P   | COVC | 4.3          | 9   | 10  | 8/29 - 12/18 |
|   |                      | Regular     |           | OTHR     |      | -               |      | 4.3          |     |     | -            |
| NUR 240LW-FA140   | NSG CARE ADULT L     | Regular     | LCLB      | OTHR     | SN   | 6:30A - 5:30P   | SMAR | 4.3          | 9   | 8   | 8/30 - 12/18 |
|   |                      | Regular     |           | OTHR     |      | -               |      | 4.3          |     |     | -            |
| NUR 240LW-FA410   | NSG CARE ADULT L     | Regular     | LCLB      | OTHR     | SN   | 6:30A - 5:30P   | MHSP | 4.3          | 9   | 9   | 8/30 - 12/18 |
|   |                      | Regular     |           | OTHR     |      | -               |      | 4.3          |     |     | -            |
| NUR 240LW-FA420   | NSG CARE ADULT L     | Regular     | LCLB      | OTHR     | MT   | 6:30A - 5:30P   | COVH | 4.3          | 9   | 8   | 8/30 - 12/18 |
| <u>Note: THEORY COURSE: Must also register for lab section and Elsevier computerized assessment testing (FEE 902). Schedule will vary. Theory/simulated lab will alternate weeks with clinical times. Detailed calendar included in bookstore packet.</u>                       |                      |             |           |          |      |                 |      |              |     |     |              |
| NUR 240W-FA110  | NSG CARE ADULT       | Regular     | LCLB      | DLTA     | M    | 9:00A - 3:00P   | F240 | 4.7          | 27  | 25  | 9/12 - 12/5  |
|   |                      | Regular     | LN2       | DLTA     | T    | 9:00A - 3:00P   | F240 | 4.7          |     |     | 8/30 - 12/6  |
| NUR 240W-FA120  | NSG CARE ADULT       | Regular     | LCLB      | DLTA     | T    | 9:00A - 3:00P   | F244 | 4.7          | 27  | 29  | 8/30 - 12/6  |
|   |                      | Regular     | LN2       | DLTA     | R    | 9:00A - 3:00P   | F244 | 4.7          |     |     | 9/1 - 12/18  |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name  | Title             | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|---|-------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|--------------|
| BIO 140W-FA110  | ESSEN ANAT & PHYS | Regular     | LCLB      | DLTA     | MTWR | 8:00A - 9:55A   | C114 | 5            | 20  | 19  | 8/29 - 12/15 |
| Note: Testing Center may be used occasionally, especially if college closures cause class cancellations. Computer with internet access required for some assignments and to access additional course materials. Students should plan for additional printing and/or copying costs for course notes found on D2L |                   |             |           |          |      |                 |      |              |     |     |              |
| BIO 140W-FA120  | ESSEN ANAT & PHYS | Regular     | LCLB      | DLTA     | MTWR | 10:00A - 11:55A | C114 | 5            | 20  | 18  | 8/29 - 12/15 |
| Note: Testing Center may be used occasionally, especially if college closures cause class cancellations. Computer with internet access required for some assignments and to access additional course materials. Students should plan for additional printing and/or copying costs for course notes found on D2L |                   |             |           |          |      |                 |      |              |     |     |              |
| BIO 140W-FA130  | ESSEN ANAT & PHYS | Regular     | LCLB      | DLTA     | MTWR | 12:00P - 1:55P  | C114 | 5            | 20  | 17  | 8/29 - 12/15 |
| Note: Testing Center may be used occasionally, especially if college closures cause class cancellations. Computer with internet access required for some assignments and to access additional course materials. Students should plan for additional printing and/or copying costs for course notes found on D2L |                   |             |           |          |      |                 |      |              |     |     |              |
| BIO 140W-FA140  | ESSEN ANAT & PHYS | Regular     | LCLB      | DLTA     | TR   | 2:00P - 5:55P   | C114 | 5            | 20  | 19  | 8/30 - 12/15 |
| Note: Computer and internet access required for some assignments.   |                   |             |           |          |      |                 |      |              |     |     |              |
| BIO 140W-FA150  | ESSEN ANAT & PHYS | Regular     | LCLB      | DLTA     | MW   | 2:00P - 5:55P   | C114 | 5            | 20  | 17  | 8/29 - 12/14 |
| BIO 140W-FA310  | ESSEN ANAT & PHYS | Regular     | LCLB      | DLTA     | M    | 6:00P - 7:55P   | C114 | 5            | 20  | 18  | 8/29 - 12/15 |
|   |                   | Regular     | LCLB      | DLTA     | TR   | 6:00P - 8:55P   | C114 | 5            |     |     | 8/29 - 12/15 |

Note: Testing Center may be used occasionally, especially if college closures cause class cancellations. Computer with internet access required for some assignments and to access additional course materials. Students should plan for additional printing and/or copying costs for course notes found on D2L

Note: Students who have never had chemistry before are advised to take CHM 101. Students with either high school or college-level chemistry courses should take CHM 111. Please meet with your advisor or counselor to determine proper placement.

|                |                     |         |      |      |    |                |      |   |    |    |              |
|----------------|---------------------|---------|------|------|----|----------------|------|---|----|----|--------------|
| CHM 101W-FA110 | GENERAL CHEMISTRY I | Regular | LCLB | DLTA | M  | 8:00A - 10:55A | C138 | 5 | 25 | 26 | 8/29 - 12/14 |
|                |                     | Regular | LCLB | DLTA | W  | 8:00A - 11:55A | C138 | 5 |    |    | 8/29 - 12/14 |
| CHM 101W-FA120 | GENERAL CHEMISTRY I | Regular | LCLB | DCMC | MW | 8:00A - 9:55A  | 154  | 5 | 25 | 24 | 8/29 - 12/14 |
|                |                     | Regular | LCLB | DCMC | F  | 8:00A - 10:55A | C138 | 5 |    |    | 8/29 - 12/14 |
| CHM 101W-FA130 | GENERAL CHEMISTRY I | Regular | LCLB | DLTA | TR | 8:30A - 11:55A | C138 | 5 | 25 | 25 | 8/30 - 12/15 |
| CHM 101W-FA140 | GENERAL CHEMISTRY I | Regular | LCLB | RICK | MW | 9:00A - 12:25P | 143  | 5 | 20 | 15 | 8/29 - 12/14 |
| CHM 101W-FA150 | GENERAL CHEMISTRY I | Regular | LCLB | DLTA | M  | 12:00P - 2:55P | C138 | 5 | 25 | 25 | 8/29 - 12/14 |
|                |                     | Regular | LCLB | DLTA | W  | 12:00P - 3:55P | C138 | 5 |    |    | 8/29 - 12/14 |
| CHM 101W-FA160 | GENERAL CHEMISTRY I | Regular | LCLB | DLTA | T  | 2:00P - 5:25P  | E116 | 5 | 25 | 26 | 8/30 - 12/15 |
|                |                     | Regular | LCLB | DLTA | R  | 2:00P - 5:25P  | E137 | 5 |    |    | 8/30 - 12/15 |
| CHM 101W-FA310 | GENERAL CHEMISTRY I | Regular | LCLB | DLTA | M  | 6:30P - 9:55P  | E137 | 5 | 25 | 24 | 8/29 - 12/14 |
|                |                     | Regular | LCLB | DLTA | W  | 6:30P - 9:55P  | E116 | 5 |    |    | 8/29 - 12/14 |
| CHM 101W-FA320 | GENERAL CHEMISTRY I | Regular | LCLB | DLTA | T  | 6:30P - 9:55P  | D135 | 5 | 25 | 26 | 8/30 - 12/15 |
|                |                     | Regular | LCLB | DLTA | R  | 6:30P - 9:55P  | E137 | 5 |    |    | 8/30 - 12/15 |
| CHM 105W-FA110 | TECHNICAL CHEM I    | Regular | LCLB | DLTA | TR | 12:00P - 3:55P | C138 | 5 | 20 | 20 | 8/30 - 12/15 |
| CHM 105W-FA310 | TECHNICAL CHEM I    | Regular | LCLB | DLTA | MW | 6:00P - 9:55P  | C138 | 5 | 20 | 22 | 8/29 - 12/14 |
| CHM 106W-FA310 | TECHNICAL CHEM II   | Regular | LCLB | DLTA | R  | 6:00P - 7:55P  | C121 | 5 | 20 | 19 | 8/30 - 12/15 |
|                |                     | Regular | LN2  | DLTA | R  | 8:00P - 9:55P  | C138 | 5 |    |    | 8/30 - 12/15 |
|                |                     | Regular | LN2  | DLTA | T  | 6:00P - 9:55P  | C138 | 5 |    |    | 8/30 - 12/15 |

Note: Students who have never had chemistry before are advised to take CHM 101. Students with either high school or college-level chemistry courses should take CHM 111. Please meet with your advisor or counselor to determine proper placement.

|               |                   |         |      |      |    |                 |      |   |    |    |              |
|---------------|-------------------|---------|------|------|----|-----------------|------|---|----|----|--------------|
| CHM 111-FA110 | GEN & INORGANIC I | Regular | LCLB | DLTA | M  | 8:00A - 11:55A  | D133 | 5 | 25 | 20 | 8/29 - 12/14 |
|               |                   | Regular | LCLB | DLTA | W  | 8:00A - 9:00A   | D133 | 5 |    |    | 8/29 - 12/14 |
|               |                   | Regular | LCLB | DLTA | W  | 9:00A - 10:55A  | E137 | 5 |    |    | 8/29 - 12/14 |
| CHM 111-FA120 | GEN & INORGANIC I | Regular | LCLB | DLTA | MW | 8:00A - 9:55A   | D135 | 5 | 25 | 24 | 8/29 - 12/15 |
|               |                   | Regular | LCLB | DLTA | R  | 8:00A - 9:00A   | D135 | 5 |    |    | 8/29 - 12/15 |
|               |                   | Regular | LCLB | DLTA | R  | 9:00A - 10:55A  | E131 | 5 |    |    | 8/29 - 12/15 |
| CHM 111-FA130 | GEN & INORGANIC I | Regular | LCLB | DLTA | TR | 8:00A - 9:55A   | D133 | 5 | 25 | 24 | 8/30 - 12/16 |
|               |                   | Regular | LCLB | DLTA | F  | 8:00A - 9:00A   | D133 | 5 |    |    | 8/30 - 12/16 |
|               |                   | Regular | LCLB | DLTA | F  | 9:00A - 10:55A  | E137 | 5 |    |    | 8/30 - 12/16 |
| CHM 111-FA140 | GEN & INORGANIC I | Regular | LCLB | DLTA | M  | 10:00A - 1:55P  | D135 | 5 | 25 | 25 | 8/29 - 12/14 |
|               |                   | Regular | LCLB | DLTA | W  | 10:00A - 11:00A | D135 | 5 |    |    | 8/29 - 12/14 |
|               |                   | Regular | LCLB | DLTA | W  | 11:00A - 12:55P | E137 | 5 |    |    | 8/29 - 12/14 |
| CHM 111-FA150 | GEN & INORGANIC I | Regular | LCLB | DLTA | T  | 10:30A - 1:55P  | E116 | 5 | 25 | 24 | 8/30 - 12/15 |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name   | Title               | Term Length | Inst Meth | Location | Days  | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|--|---------------------|-------------|-----------|----------|-------|-----------------|------|--------------|-----|-----|--------------|
| CHM 111-FA150  |                     | Regular     | LCLB      | DLTA     | R     | 10:30A - 11:30A | E116 | 5            |     |     | 8/30 - 12/15 |
|  |                     | Regular     | LCLB      | DLTA     | R     | 11:30A - 1:55P  | E137 | 5            |     |     | 8/30 - 12/15 |
| CHM 111-FA160  | GEN & INORGANIC I   | Regular     | LCLB      | DLTA     | MW    | 12:00P - 1:55P  | C121 | 5            | 25  | 24  | 8/29 - 12/14 |
|  |                     | Regular     | LCLB      | DLTA     | T     | 11:00A - 12:00P | D135 | 5            |     |     | 8/29 - 12/14 |
|  |                     | Regular     | LCLB      | DLTA     | T     | 12:00P - 1:55P  | E131 | 5            |     |     | 8/29 - 12/14 |
| CHM 111-FA170  | GEN & INORGANIC I   | Regular     | LCLB      | DLTA     | TR    | 12:00P - 1:55P  | D135 | 5            | 25  | 25  | 8/30 - 12/16 |
|  |                     | Regular     | LCLB      | DLTA     | F     | 11:00A - 12:00P | D135 | 5            |     |     | 8/30 - 12/16 |
|  |                     | Regular     | LCLB      | DLTA     | F     | 12:00P - 1:55P  | E131 | 5            |     |     | 8/30 - 12/16 |
| CHM 111-FA180  | GEN & INORGANIC I   | Regular     | LCLB      | DLTA     | MR    | 2:00P - 3:55P   | D135 | 5            | 25  | 24  | 8/29 - 12/15 |
|  |                     | Regular     | LCLB      | DLTA     | T     | 2:00P - 3:00P   | D135 | 5            |     |     | 8/29 - 12/15 |
|  |                     | Regular     | LCLB      | DLTA     | T     | 3:00P - 4:55P   | E131 | 5            |     |     | 8/29 - 12/15 |
| CHM 111-FA190  | GEN & INORGANIC I   | Regular     | LCLB      | DLTA     | M     | 2:00P - 3:00P   | E137 | 5            | 25  | 23  | 8/29 - 12/15 |
|  |                     | Regular     | LCLB      | DLTA     | M     | 3:00P - 4:55P   | D133 | 5            |     |     | 8/29 - 12/15 |
|  |                     | Regular     | LCLB      | DLTA     | TR    | 2:00P - 3:55P   | D133 | 5            |     |     | 8/29 - 12/15 |
| CHM 111-FA210  | GEN & INORGANIC I   | Regular     | LCLB      | DLTA     | T     | 4:00P - 7:25P   | C121 | 5            | 25  | 25  | 8/30 - 12/15 |
|  |                     | Regular     | LCLB      | DLTA     | R     | 4:00P - 5:00P   | C138 | 5            |     |     | 8/30 - 12/15 |
|  |                     | Regular     | LCLB      | DLTA     | R     | 5:00P - 7:25P   | C131 | 5            |     |     | 8/30 - 12/15 |
| CHM 111-FA310  | GEN & INORGANIC I   | Regular     | LCLB      | DLTA     | M     | 6:00P - 9:55P   | D133 | 5            | 25  | 25  | 8/29 - 12/14 |
|  |                     | Regular     | LCLB      | DLTA     | W     | 6:00P - 7:00P   | D133 | 5            |     |     | 8/29 - 12/14 |
|  |                     | Regular     | LCLB      | DLTA     | W     | 7:00P - 8:55P   | E137 | 5            |     |     | 8/29 - 12/14 |
| CHM 112-FA310  | GEN & INORGANIC II  | Regular     | LCLB      | DLTA     | M     | 6:00P - 9:55P   | D135 | 5            | 25  | 25  | 8/29 - 12/14 |
|  |                     | Regular     | LCLB      | DLTA     | W     | 6:00P - 7:00P   | D135 | 5            |     |     | 8/29 - 12/14 |
|  |                     | Regular     | LCLB      | DLTA     | W     | 7:00P - 8:55P   | E131 | 5            |     |     | 8/29 - 12/14 |
| DH 115-FA110   | CLINIC TECH         | Regular     | LCLB      | DLTA     | TR    | 9:30A - 12:25P  | F120 | 5            | 18  | 18  | 8/30 - 12/15 |
|  |                     | Regular     | LN2       | DLTA     | W     | 8:00A - 10:55A  | F135 | 5            |     |     | 8/30 - 12/15 |
| PHY 211-FA110  | PHYSICS I           | Regular     | LCLB      | DLTA     | MTWR  | 12:00P - 1:55P  | E126 | 5            | 20  | 19  | 8/29 - 12/15 |
| RC 205-FA110   | CABINET MAKING      | Regular     | LCLB      | DLTA     | W     | 9:00A - 4:25P   | M150 | 5            | 13  | 10  | 8/31 - 12/14 |
| Class will meet from 9:00 a.m. to 2:00 p.m. on the following dates: 9/7/2011, 10/5/2011, 11/2/2011, and 11/30/2011.  |                     |             |           |          |       |                 |      |              |     |     |              |
| RHA 230-FA110  | DESIGN HVAC SYSTEM  | Regular     | LCLB      | DLTA     | T     | 2:30P - 4:55P   | L117 | 5            | 17  | 17  | 8/30 - 12/15 |
|  |                     | Regular     | LN2       | DLTA     | R     | 2:30P - 4:55P   | L117 | 5            |     |     | 8/30 - 12/15 |
| <u>Note: Permission of program coordinator required. Must attend informational meeting or be dropped. Contact &lt;a href="mailto:jillharrison@delta.edu"&gt;Jill Harrison&lt;/a&gt; or 686-9051 or &lt;a href="http://www.delta.edu/socsci/informationalmeeting.aspx"&gt;Meet ing Information&lt;/a&gt;.</u> |                     |             |           |          |       |                 |      |              |     |     |              |
| CD 117W-FA210  | STUDENT TEACHING    | Regular     | LCLB      | DLTA     | W     | 5:00P - 7:25P   | F250 | 6            | 18  | 8   | 8/31 - 12/14 |
| CD 117W-FA220  | STUDENT TEACHING    | Regular     | LCLB      | DLTA     | W     | 5:00P - 7:25P   | F250 | 6            | 18  | 6   | 8/31 - 4/18  |
| Note: Same class as CD 117W FA210 except ending date is extended to allow longer time to complete practicum requirements.  |                     |             |           |          |       |                 |      |              |     |     |              |
| <u>Note: Requires acceptance to Delta College Police Academy. Contact Criminal Justice Training Center. 686-9110.</u>  |                     |             |           |          |       |                 |      |              |     |     |              |
| CJ 101-FA110   | POLICE RECRUIT TRNG | Regular     | LCLB      | DLTA     | MTWRF | 7:00A - 5:00P   | C111 | 6            | 44  | 23  | 8/22 - 12/16 |
| CJ 101-FA120   | POLICE RECRUIT TRNG | Regular     | LCLB      | DLTA     | MTWRF | 7:00A - 5:00P   | C111 | 6            | 0   | 0   | 8/22 - 12/16 |
| DH 215-FA110   | CLINICAL DH III     | Regular     | LCLB      | DLTA     | F     | 8:30A - 12:25P  | F120 | 6            | 18  | 15  | 8/29 - 12/16 |
|  |                     | Regular     | LN3       | DLTA     | F     | 1:30P - 3:55P   | F120 | 6            |     |     | 8/29 - 12/16 |
|  |                     | Regular     | LN4       | DLTA     | W     | 12:30P - 1:25P  | F250 | 6            |     |     | 8/29 - 12/16 |
|  |                     | Regular     | LN2       | DLTA     | M     | 12:30P - 5:25P  | F120 | 6            |     |     | 8/29 - 12/16 |
| <u>Note - THEORY COURSE: Students must register for PNE-000 - Clinical Entry. Individual course sections will be assigned by the Nursing Office following registration for clinical entry. Students will also be registered for Elsevier computerized testing Fee 901.</u>                                   |                     |             |           |          |       |                 |      |              |     |     |              |
| PNE 121W-FA110   | FUND OF PRAC NRSG   | Regular     | LCLB      | DLTA     | MTF   | 8:00A - 4:00P   | F241 | 6            | 20  | 20  | 8/29 - 12/16 |
| PNE 121W-FA120   | FUND OF PRAC NRSG   | Regular     | LCLB      | DLTA     | WR    | 8:00A - 4:00P   | F241 | 6            | 20  | 20  | 8/31 - 12/16 |
| SKEL 101-FA110   | BASIC ELECTRONICS   | Regular     | LCLB      | DLTA     | MW    | 12:00P - 2:55P  | N208 | 6            | 16  | 19  | 8/29 - 12/14 |
| SKEL 101-FA310   | BASIC ELECTRONICS   | Regular     | LCLB      | DLTA     | TR    | 6:00P - 8:55P   | N208 | 6            | 16  | 14  | 8/30 - 12/15 |
| SKMA 111-FA110   | APP INT ELEC MATH I | Regular     | LCLB      | DLTA     | MW    | 2:00P - 4:55P   | N206 | 6            | 18  | 15  | 8/29 - 12/14 |
| SKMA 111-FA310   | APP INT ELEC MATH I | Regular     | LCLB      | DLTA     | MW    | 7:00P - 9:55P   | N206 | 6            | 18  | 18  | 8/29 - 12/14 |
| SKMA 111-FA320   | APP INT ELEC MATH I | Regular     | LCLB      | RICK     | TR    | 6:00P - 8:55P   | 143  | 6            | 18  | 13  | 8/30 - 12/15 |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Face to Face

| Section Name   | Title               | Term Length | Inst Meth | Location | Days | Time           | Room | Credit Hours | Cap | Enr | Dates        |
|--|---------------------|-------------|-----------|----------|------|----------------|------|--------------|-----|-----|--------------|
| ST 220-FA110   | FUND SURGICAL TECHN | Regular     | LCLB      | DLTA     | M    | 9:00A - 1:00P  | F146 | 6            | 8   | 8   | 8/29 - 12/16 |
|  |                     | Regular     | LN2       | DLTA     | W    | 8:00A - 12:00P | F146 | 6            |     |     | 8/29 - 12/16 |
|  |                     | Regular     | LN3       | DLTA     | F    | 9:00A - 12:00P | F146 | 6            |     |     | 8/29 - 12/16 |
| ST 220-FA120   | FUND SURGICAL TECHN | Regular     | LCLB      | DLTA     | M    | 9:00A - 1:00P  | F146 | 6            | 7   | 7   | 8/29 - 12/16 |
|  |                     | Regular     | LN2       | DLTA     | W    | 8:00A - 12:00P | F146 | 6            |     |     | 8/29 - 12/16 |
|  |                     | Regular     | LN3       | DLTA     | F    | 9:00A - 12:00P | F146 | 6            |     |     | 8/29 - 12/16 |
|  |                     | Regular     | LN4       | DLTA     | T    | 1:00P - 5:00P  | F146 | 6            |     |     | 8/29 - 12/16 |
|  |                     | Regular     | LN5       | DLTA     | R    | 2:00P - 5:00P  | F146 | 6            |     |     | 8/29 - 12/16 |
| Instructor will provide course calendar as this section will meet on T, W, R after week eight. |                     |             |           |          |      |                |      |              |     |     |              |
| WELD 114W-FA210  | INT SMA WELD        | Regular     | LCLB      | DLTA     | TR   | 5:00P - 9:30P  | L140 | 8            | 12  | 12  | 9/8 - 12/15  |
| This section will not meet on November 15 and November 17, 2011.                               |                     |             |           |          |      |                |      |              |     |     |              |
| WELD 114W-FA220  | INT SMA WELD        | Regular     | LCLB      | DLTA     | MW   | 5:00P - 9:30P  | L140 | 8            | 12  | 11  | 9/7 - 12/12  |
| This section will not meet on November 16, 2011.   |                     |             |           |          |      |                |      |              |     |     |              |
| WELD 224W-FA110  | ADV SMA WELD        | Regular     | LCLB      | DLTA     | MTWR | 7:05A - 9:10A  | L140 | 8            | 12  | 9   | 8/29 - 12/14 |
| This section will not meet November 14, 15, 16, and 17 2011.                                   |                     |             |           |          |      |                |      |              |     |     |              |
| WELD 235W-FA110  | GAS MTL ARC WELDING | Regular     | LCLB      | DLTA     | MTWR | 7:05A - 9:10A  | L141 | 8            | 12  | 12  | 8/29 - 12/14 |
| This section will not meet November 14, 15, 16, and 17 2011.                                   |                     |             |           |          |      |                |      |              |     |     |              |
| WELD 235W-FA210  | GAS MTL ARC WELDING | Regular     | LCLB      | DLTA     | TR   | 5:00P - 9:25P  | L140 | 8            | 12  | 12  | 9/8 - 12/15  |
| This section will not meet on November 15 and November 17, 2011.                               |                     |             |           |          |      |                |      |              |     |     |              |
| WELD 235W-FA220  | GAS MTL ARC WELDING | Regular     | LCLB      | DLTA     | MW   | 5:00P - 9:30P  | L141 | 8            | 12  | 11  | 9/7 - 12/12  |
|  |                     | Regular     |           | DLTA     |      | -              |      | 8            |     |     | -            |
| This section will not meet on November 16, 2011.   |                     |             |           |          |      |                |      |              |     |     |              |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Mixed Face to Face

| Section Name  | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates         |
|---|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|---------------|
| ABS 200W-FA330  | CAREER DECISION MKG | Compressed  | LCLB      | CNET     | M    | 7:00P - 8:55P   | S041 | 1            | 21  | 18  | 10/10 - 12/12 |
| Class will meet as scheduled on Monday, 10/10, 10/24, 11/7, 11/21 and 12/5. Remaining contact hours will be completed using on-line Desire2Learn.   |                     |             |           |          |      |                 |      |              |     |     |               |
| ENV 130W-FA710  | POLLUTION PREVENTN  | Compressed  | LCLB      | CNET     | M    | 12:00P - 1:55P  | E117 | 1            | 20  | 16  | 8/29 - 10/24  |
| <u>Note: Students MUST HAVE BOOK, AND POCKET MASK OR FACE SHIELD before class meets. Available in Bookstore - BOOKSTORE NOT OPEN ON WEEKENDS. A \$3 American Heart Association fee will be collected before certification card is issued. CNET sections meet in person beginning date only; remaining instruction is online utilizing Desire2Learn.</u>   |                     |             |           |          |      |                 |      |              |     |     |               |
| LWT 165-FA710   | COMMUNITY FIRST AID | Compressed  | LCLB      | CNET     | S    | 8:30A - 4:25P   | F001 | 1            | 16  | 12  | 9/24 - 10/1   |
| CNET sections meet in person beginning date only; remaining instruction is online utilizing Desire2Learn.   |                     |             |           |          |      |                 |      |              |     |     |               |
| LWT 165-FA720   | COMMUNITY FIRST AID | Compressed  | LCLB      | CNET     | S    | 8:30A - 4:25P   | F001 | 1            | 16  | 13  | 10/22 - 10/29 |
| LWT 165-FA730   | COMMUNITY FIRST AID | Compressed  | LCLB      | CNET     | S    | 8:30A - 4:25P   | F001 | 1            | 16  | 14  | 12/3 - 12/10  |
| LWT 165-FA740   | COMMUNITY FIRST AID | Compressed  | LCLB      | CNET     | F    | 9:00A - 4:55P   | F001 | 1            | 16  | 16  | 9/9 - 9/16    |
| LWT 165-FA750   | COMMUNITY FIRST AID | Compressed  | LCLB      | CNET     | F    | 9:00A - 4:55P   | F001 | 1            | 16  | 15  | 9/23 - 9/30   |
| LWT 165-FA760   | COMMUNITY FIRST AID | Compressed  | LCLB      | CNET     | F    | 9:00A - 4:55P   | F001 | 1            | 16  | 14  | 9/30 - 10/7   |
| LWT 165-FA770   | COMMUNITY FIRST AID | Compressed  | LCLB      | CNET     | S    | 8:30A - 4:25P   | TBA  | 1            | 16  | 10  | 10/1 - 10/7   |
| Students MUST HAVE BOOK AND POCKET MASK OR FACE SHIELD before class meets. Available in Bookstore - BOOKSTORE NOT OPEN ON WEEKENDS. A \$3 American Heart Association fee will be collected before certification card is issued/ CNET sections meet in person beginning date only, remaining instruction is online utilizing Desire2Learn.   |                     |             |           |          |      |                 |      |              |     |     |               |
| LWT 165-FA780   | COMMUNITY FIRST AID | Compressed  | LCLB      | CNET     | F    | 8:30A - 4:25P   | F001 | 1            | 16  | 3   | 12/2 - 12/9   |
| <u>Students MUST HAVE TEXTBOOK AND POCKET MASK OR FACE SHIELD before class meets. Available in Bookstore - BOOKSTORE NOT OPEN ON WEEKENDS. A \$3 American Heart Association fee will be collected before certification card is issued.</u>  |                     |             |           |          |      |                 |      |              |     |     |               |
| LWT 170-FA705   | BLS FOR HCP         | Compressed  | LCLB      | CNET     | S    | 8:30A - 4:25P   | F001 | 1            | 16  | 11  | 9/10 - 9/17   |
| CNET sections meet in person beginning date only; remaining instruction is online utilizing Desire2Learn.   |                     |             |           |          |      |                 |      |              |     |     |               |
| LWT 170-FA725   | BLS FOR HCP         | Compressed  | LCLB      | CNET     | S    | 8:30A - 4:25P   | F001 | 1            | 16  | 9   | 10/29 - 11/5  |
| CNET sections meet in person beginning date only; remaining instruction is online utilizing Desire2Learn.   |                     |             |           |          |      |                 |      |              |     |     |               |
| ENV 152-FA710   | EMERG RESP INDUST   | Compressed  | LCLB      | CNET     | TR   | 7:00P - 9:55P   | C132 | 1.6          | 16  | 19  | 8/30 - 9/15   |
| Note: "Blended" course can be taken independently or as a series with ENV 151W, 153, & 154. Requires a 8-hour Saturday TBA and a 8-hour simulation exercise. ENV 151 & ENV 152 will meet face-to-face for two sessions (8/31 from 7-10PM & another date TBA). Remainder of course will be on-line. Please contact <ahref=mailto:jwva nhout@delta.edu>Jacob VanHouten</a> or 686-9315 for further information. |                     |             |           |          |      |                 |      |              |     |     |               |
| ABS 101W-FA180  | COLLEGE SUCCESS     | Compressed  | LCLB      | CNET     | M    | 10:00A - 11:50A | A123 | 2            | 20  | 10  | 8/29 - 10/24  |
| ABS 101W-FA710  | COLLEGE SUCCESS     | Compressed  | LCLB      | CNET     | S    | 8:00A - 11:55A  | P110 | 2            | 21  | 22  | 10/8 - 10/8   |
|   |                     | Compressed  | LN2       | CNET     | S    | 8:00A - 9:30A   | P110 | 2            |     |     | 10/15 - 10/15 |
|   |                     | Compressed  | LN2       | CNET     | S    | 9:30A - 11:55A  | K109 | 2            |     |     | 10/15 - 10/15 |
|   |                     | Compressed  | LN2       | CNET     | S    | 8:00A - 11:55A  | P110 | 2            |     |     | 10/22 - 10/29 |
| Class will meet as scheduled on Saturday, 10/8, 10/15, 10/22 and 10/29 only. Remaining contact hours will be on-line using Desire2Learn.  |                     |             |           |          |      |                 |      |              |     |     |               |
| DMS 100-FA710   | PATIENT CARE & MGMT | Compressed  | LCLB      | CNET     | F    | 1:00P - 4:55P   | F269 | 2            | 14  | 14  | 9/30 - 11/11  |
|   |                     | Compressed  | LN2       | CNET     | F    | 1:00P - 4:55P   | TBA  | 2            |     |     | 11/18 - 11/18 |
| <u>Note: Credit may be earned in only one of the following: SSI 288, SSI 289, IHU 280, IHU 281, EDU 388, EDU 389.</u>   |                     |             |           |          |      |                 |      |              |     |     |               |
| EDU 388W-FA710  | EXPLOR DIVERSITY    | Compressed  | LCLB      | CNET     | M    | 2:30P - 4:45P   | J139 | 2            | 15  | 0   | 9/19 - 12/16  |
| Note: CNET course. Meets in classroom 9/19, 10/3, 10/17, 10/31, 11/14, 11/28 as scheduled. Also requires two hours per session of online instruction time. Testing may be required in LLIC. Contact <a href=mailto:cmurbano@delta.edu>C. Urbano</a> or visit <a href="http://www.delta.edu/exploringdiversity.aspx">ExploringDiversity</a> for more information.  |                     |             |           |          |      |                 |      |              |     |     |               |
| <u>Note: Credit may be earned in only one of the following: SSI 288, SSI 289, IHU 280, IHU 281, EDU 388, EDU 389.</u>   |                     |             |           |          |      |                 |      |              |     |     |               |
| IHU 280W-FA710  | EXPLOR DIVERSITY    | Compressed  | LCLB      | CNET     | M    | 2:30P - 4:45P   | J139 | 2            | 15  | 8   | 9/19 - 12/16  |
| Note: CNET course. Meets in classroom 9/19, 10/3, 10/17, 10/31, 11/14, 11/28 as scheduled. Also requires two hours per session of online instruction time. Testing may be required in LLIC. Contact <a href=mailto:cmurbano@delta.edu>C. Urbano</a> or visit <a href="http://www.delta.edu/exploringdiversity.aspx">ExploringDiversity</a> for more information.  |                     |             |           |          |      |                 |      |              |     |     |               |
| <u>Note: Credit may be earned in only one of the following: SSI 288, SSI 289, IHU 280, IHU 281, EDU 388, EDU 389.</u>   |                     |             |           |          |      |                 |      |              |     |     |               |
| SSI 288W-FA710  | EXPLOR DIVERSITY    | Compressed  | LCLB      | CNET     | M    | 2:30P - 4:45P   | J139 | 2            | 15  | 1   | 9/19 - 12/16  |
| Note: CNET course. Meets in classroom 9/19, 10/3, 10/17, 10/31, 11/14, 11/28 as scheduled. Also requires two hours per session of online instruction time. Testing may be required in LLIC. Contact <a href=mailto:cmurbano@delta.edu>C. Urbano</a> or visit <a href="http://www.delta.edu/exploringdiversity.aspx">ExploringDiversity</a> for more information.  |                     |             |           |          |      |                 |      |              |     |     |               |
| ENV 151W-FA710  | HAZWOPER TRAINING   | Compressed  | LCLB      | CNET     | TR   | 7:00P - 9:55P   | C132 | 2.7          | 16  | 16  | 9/20 - 10/20  |
| Note: "Blended" course can be taken independently or as a series with ENV 152, 153, & 154. Requires a 8-hour Saturday TBA and a 8-hour simulation exercise. ENV 151 & ENV 152 will meet face-to-face for two sessions (9/21 from 7-10PM & another date TBA). Remainder of course will be on-line. Please contact <ahref=mailto:jwva nhout@delta.edu>Jacob VanHouten</a> or 686-9315 for further information.  |                     |             |           |          |      |                 |      |              |     |     |               |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Mixed Face to Face

| Section Name  | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|---|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|--------------|
| <u>Note: Course requires development of an academic service learning project. Credit may be earned in only one of the following: SSI 288, SSI 289, IHU 280, IHU 281, EDU 388, EDU 389.</u>  |                     |             |           |          |      |                 |      |              |     |     |              |
| EDU 389W-FA710  | EXPL DIVERSITY PROJ | Compressed  | LCLB      | CNET     | M    | 2:30P - 4:45P   | J139 | 3            | 15  | 0   | 9/19 - 12/16 |
| Note: CNET course. Meets in classroom 9/19, 10/3, 10/17, 10/31, 11/14, 11/28 as scheduled. Also requires two hours per session of online instruction time. Testing may be required in LLIC. Contact <a href="mailto:cmurbano@delta.edu">cmurbano@delta.edu</a> >C. Urbano</a> or visit <a href="http://www.delta.edu/exploringdiversity.aspx">http://www.delta.edu/exploringdiversity.aspx</a> >ExploringDiversity</a> for more information.  |                     |             |           |          |      |                 |      |              |     |     |              |
| <u>Note: Includes 15-hour service learning project. Must qualify for the Honors Program to enroll in this course. Contact the <a href="http://www3.delta.edu/honors/">http://www3.delta.edu/honors/</a>&gt;Honors Office&lt;/a&gt; or at 686-9091. Credit may be earned in only one of the following: SSI 288, SSI 289, IHU 280, IHU 281, EDU 388, EDU 389.</u>   |                     |             |           |          |      |                 |      |              |     |     |              |
| IHU 281HW-FA710   | HNRS EXPLOR DIVERS  | Compressed  | LCLB      | CNET     | M    | 2:30P - 4:45P   | J139 | 3            | 15  | 1   | 9/19 - 12/16 |
| Note: CNET course. Meets in classroom 9/19, 10/3, 10/17, 10/31, 11/14, 11/28 as scheduled. Also requires two hours per session of online instruction time. Testing may be required in LLIC. Contact <a href="mailto:cmurbano@delta.edu">cmurbano@delta.edu</a> >C. Urbano</a> or visit <a href="http://www.delta.edu/exploringdiversity.aspx">http://www.delta.edu/exploringdiversity.aspx</a> >Exploring Diversity</a> for more information. |                     |             |           |          |      |                 |      |              |     |     |              |
| <u>Note: Includes 15-hour service learning project. Credit may be earned in only one of the following: SSI 288, SSI 289, IHU 280, IHU 281, EDU 388, EDU 389.</u>  |                     |             |           |          |      |                 |      |              |     |     |              |
| IHU 281W-FA710  | EXPL DIVERSITY PROJ | Compressed  | LCLB      | CNET     | M    | 2:30P - 4:45P   | J139 | 3            | 15  | 2   | 9/19 - 12/16 |
| Note: CNET course. Meets in classroom 9/19, 10/3, 10/17, 10/31, 11/14, 11/28 as scheduled. Also requires two hours per session of online instruction time. Testing may be required in LLIC. Contact <a href="mailto:cmurbano@delta.edu">cmurbano@delta.edu</a> >C. Urbano</a> or visit <a href="http://www.delta.edu/exploringdiversity.aspx">http://www.delta.edu/exploringdiversity.aspx</a> >Exploring Diversity</a> for more information. |                     |             |           |          |      |                 |      |              |     |     |              |
| <u>Note: Includes 15-hour service learning project. Must qualify for Honors Program to enroll in this course. Contact <a href="http://www3.delta.edu/honors/">http://www3.delta.edu/honors/</a>&gt;Honors&lt;/a&gt; or 686-9091. Credit may be earned in only one of the following: SSI 288, SSI 289, IHU 280, IHU 281, EDU 388, EDU 389.</u>   |                     |             |           |          |      |                 |      |              |     |     |              |
| SSI 289HW-FA710   | HNRS EXPLOR DIVERS  | Compressed  | LCLB      | CNET     | M    | 2:30P - 4:45P   | J139 | 3            | 15  | 0   | 9/19 - 12/16 |
| Note: CNET course. Meets in classroom 9/19, 10/3, 10/17, 10/31, 11/14, 11/28 as scheduled. Also requires two hours per session of online instruction time. Testing may be required in LLIC. Contact <a href="mailto:cmurbano@delta.edu">cmurbano@delta.edu</a> >C. Urbano</a> or visit <a href="http://www.delta.edu/exploringdiversity.aspx">http://www.delta.edu/exploringdiversity.aspx</a> >ExploringDiversity</a> for more information.  |                     |             |           |          |      |                 |      |              |     |     |              |
| <u>Note: Includes 15-hour service learning project. Credit may be earned in only one of the following: SSI 288, SSI 289, IHU 280, IHU 281, EDU 388, EDU 389.</u>  |                     |             |           |          |      |                 |      |              |     |     |              |
| SSI 289W-FA710  | EXPL DIVERSITY PROJ | Compressed  | LCLB      | CNET     | M    | 2:30P - 4:45P   | J139 | 3            | 15  | 0   | 9/19 - 12/16 |
| Note: CNET course. Meets in classroom 9/19, 10/3, 10/17, 10/31, 11/14, 11/28 as scheduled. Also requires two hours per session of online instruction time. Testing may be required in LLIC. Contact <a href="mailto:cmurbano@delta.edu">cmurbano@delta.edu</a> >C. Urbano</a> or visit <a href="http://www.delta.edu/exploringdiversity.aspx">http://www.delta.edu/exploringdiversity.aspx</a> >ExploringDiversity</a> for more information.  |                     |             |           |          |      |                 |      |              |     |     |              |
| ACC 285-FA710   | PROF ACCT CAREERS   | Regular     | LCLB      | CNET     | M    | 5:00P - 6:55P   | J136 | 2            | 18  | 14  | 8/29 - 12/12 |
| Note: Course meets on the following Mondays: 8/29, 9/12, 9/26, 10/10, 10/24, 11/7, 11/21, and 12/5.   |                     |             |           |          |      |                 |      |              |     |     |              |
| HSC 105-FA665   | MEDICAL TERMINOLOGY | Regular     | LCLB      | CNET     | T    | 3:00P - 4:55P   | F240 | 2            | 18  | 16  | 8/30 - 12/13 |
| Note: <b>Learning Community Course.</b> Student must also enroll in ENG111 FA665, NUR 100A FA655, and SSI 290W FA655. Click <a href="http://www.delta.edu/learningcommunities.aspx">http://www.delta.edu/learningcommunities.aspx</a> >LearningCommunities</a> for more information. Will meet in class three times throughout the semester, dates TBA. The textbook for this course must have an access code to do work online.              |                     |             |           |          |      |                 |      |              |     |     |              |
| HSC 105-FA710   | MEDICAL TERMINOLOGY | Regular     | LCLB      | CNET     | F    | 10:00A - 11:25A | 201  | 2            | 25  | 13  | 9/2 - 9/23   |
| Note: The textbook for this course must have an access code to do work online. This section partially contains dual enrolled Midland Public Schools Health Care Tech students.  |                     |             |           |          |      |                 |      |              |     |     |              |
| HSC 105-FA720   | MEDICAL TERMINOLOGY | Regular     | LCLB      | CNET     | F    | 11:30A - 12:55P | 201  | 2            | 25  | 12  | 9/2 - 9/23   |
|   |                     | Regular     | LN2       | CNET     | F    | 11:30A - 12:55P | TBA  | 2            |     |     | 9/30 - 12/16 |
| Note: The textbook for this course must have an access code to do work online. This section partially contains dual enrolled Midland Public Schools Health Care Tech students.  |                     |             |           |          |      |                 |      |              |     |     |              |
| MS 113-FA710  | MACHINING PROCESSES | Regular     | LCLB      | CNET     | M    | 2:00P - 3:55P   | L125 | 2            | 12  | 11  | 8/29 - 12/12 |
| This course will meet weekly on campus for lab hours.   |                     |             |           |          |      |                 |      |              |     |     |              |
| COM 112W-FA710  | FUND OF ORAL COMMCT | Regular     | LCLB      | CNET     | T    | 5:00P - 7:55P   | S113 | 3            | 20  | 20  | 8/30 - 12/13 |
| Note: CNET course. Required on-campus class meetings from 5-8PM: 8/30 Orientation, 10/4, 11/1, 12/6. A \$28 content fee will be assessed for licensing use of video materials and/or online content when you register for this course.  |                     |             |           |          |      |                 |      |              |     |     |              |
| COM 112W-FA720  | FUND OF ORAL COMMCT | Regular     | LCLB      | CNET     | W    | 5:00P - 7:55P   | S113 | 3            | 20  | 22  | 8/31 - 12/14 |
| Note: Required orientation 8/31 5-8 PM. Required on-campus speeches 5-8PM: 10/5, 11/2, 12/7. A \$28 content fee will be assessed for licensing use of video materials and/or online content when you register for this course.  |                     |             |           |          |      |                 |      |              |     |     |              |
| COM 112W-FA730  | FUND OF ORAL COMMCT | Regular     | LCLB      | CNET     | F    | 8:30A - 10:55A  | HATC | 3            | 0   | 11  | 9/9 - 12/16  |
| COM 112W-FA740  | FUND OF ORAL COMMCT | Regular     | LCLB      | CNET     | F    | 12:15P - 2:40P  | TUSC | 3            | 0   | 19  | 9/9 - 12/16  |
| CST 216-FA710   | WEB SITE MGMT       | Regular     | LCLB      | CNET     | R    | 11:00A - 12:30P | K114 | 3            | 17  | 15  | 9/1 - 12/15  |
| Note: Meets in the classroom as scheduled; remaining instruction time will be completed online.   |                     |             |           |          |      |                 |      |              |     |     |              |
| CST 271-FA710   | VISUAL BASIC PRG II | Regular     | LCLB      | CNET     | R    | 8:00A - 9:55A   | K109 | 3            | 18  | 10  | 9/1 - 12/15  |
| ENG 113-FA710   | TECHNICAL COMM      | Regular     | LCLB      | CNET     | R    | 2:30P - 3:55P   | K104 | 3            | 20  | 20  | 9/1 - 12/18  |
|   |                     | Regular     | LN2       | CNET     | R    | 2:30P - 3:55P   | M100 | 3            |     |     | 1/7 - 3/15   |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Mixed Face to Face

| Section Name   | Title                | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates        |
|--|----------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|--------------|
| Note: This section is reserved for PTA students. CNET class. Basic computer and internet skills required. This section is spread out over 25 weeks ending March 17, 2011. At announced times, this class will work on-line rather than face to face. Instructor will provide specific information.   |                      |             |           |          |      |                 |      |              |     |     |              |
| ENG 113-FA720  | TECHNICAL COMM       | Regular     | LCLB      | CNET     | R    | 6:30P - 7:55P   | 223  | 3            | 20  | 18  | 9/1 - 12/15  |
|  |                      | Regular     | LN2       | CNET     | R    | 8:00P - 9:25P   | 117  | 3            |     |     | 9/1 - 12/15  |
| Note: Basic internet and computer skills required. CNET class. This class will not meet face to face the last Thursday of each month but instead will have on-line assignments at that time.   |                      |             |           |          |      |                 |      |              |     |     |              |
| LWT 230-FA110  | THRY STRENGTH/COND   | Regular     | LCLB      | CNET     | R    | 2:00P - 3:55P   | P110 | 3            | 15  | 14  | 9/1 - 12/15  |
| MIT 111W-FA710   | MANUFACTURE PROCESS  | Regular     | LCLB      | CNET     | M    | 9:00A - 9:55A   | L112 | 3            | 18  | 15  | 8/29 - 12/12 |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> .   |                      |             |           |          |      |                 |      |              |     |     |              |
| <u>Note: Requires out-of-class testing in the Academic Testing Center (library).</u>   |                      |             |           |          |      |                 |      |              |     |     |              |
| PHM 285-FA710  | PHARM FOR HLTH CARE  | Regular     | LCLB      | CNET     | R    | 7:00P - 9:00P   | F250 | 3            | 25  | 24  | 9/1 - 12/15  |
| PHM 285-FA720  | PHARM FOR HLTH CARE  | Regular     | LCLB      | CNET     | T    | 4:00P - 6:00P   | F255 | 3            | 25  | 18  | 8/30 - 12/13 |
| PHM 285-FA730  | PHARM FOR HLTH CARE  | Regular     | LCLB      | CNET     | W    | 10:00A - 12:00P | F250 | 3            | 25  | 25  | 8/31 - 12/14 |
| <u>Note: All sections require the use of the Internet and purchase of WileyPlus.</u>   |                      |             |           |          |      |                 |      |              |     |     |              |
| ACC 211-FA710  | PRIN ACCOUNTING I    | Regular     | LCLB      | CNET     | W    | 8:30A - 10:55A  | S263 | 4            | 25  | 25  | 8/31 - 12/14 |
| ACC 211-FA730  | PRIN ACCOUNTING I    | Regular     | LCLB      | CNET     | M    | 12:00P - 2:25P  | E112 | 4            | 25  | 25  | 8/29 - 12/12 |
| ACC 211-FA740  | PRIN ACCOUNTING I    | Regular     | LCLB      | CNET     | S    | 9:00A - 11:25A  | J141 | 4            | 25  | 19  | 8/27 - 12/17 |
| ACC 227W-FA710   | INT ACC 1            | Regular     | LCLB      | CNET     | M    | 2:00P - 3:55P   | J136 | 4            | 25  | 26  | 8/29 - 12/12 |
| ACC 228W-FA710   | INT ACC II           | Regular     | LCLB      | CNET     | W    | 10:00A - 11:55A | D133 | 4            | 25  | 27  | 8/31 - 12/14 |
| Note: Meets in the classroom as scheduled; remaining instruction time is online.   |                      |             |           |          |      |                 |      |              |     |     |              |
| BIO 111W-FA710   | PRINCIPLS OF BIOLOGY | Regular     | LCLB      | CNET     |      | -               | C116 | 4            | 20  | 19  | 8/29 - 12/16 |
| This course is taught primarily on-line. <b style="color:red">There are mandatory on campus labs on the following Saturdays: 10/01 & 12/03 from 10AM-5PM in C-116.</b> The rest of the course requirements take place in D2L. For more information visit <a href="http://www.delta.edu/mmowlavi">http://www.delta.edu/mmowlavi</a>   |                      |             |           |          |      |                 |      |              |     |     |              |
| BIO 203W-FA710   | MICROBIOLOGY         | Regular     | LCLB      | CNET     | F    | 9:00A - 3:25P   | F110 | 4            | 20  | 16  | 9/2 - 12/10  |
| Note: Mandatory laboratory sessions on five Fridays from 9am to 4pm in room F-110 on 9/9, 9/23, 10/14, 10/28, 11/11. Additional labs will be completed online with virtual labs. Instruction, discussions, and assignments take place on our D2L homepage. For more information, go to <a href="http://www.delta.edu/science/microbiology.aspx">http://www.delta.edu/science/microbiology.aspx</a> |                      |             |           |          |      |                 |      |              |     |     |              |
| <u>Note: Must attend informational meeting or will be dropped. Contact &lt;a href="mailto:jillharrison@delta.edu"&gt;Jill Harrison&lt;/a&gt; or 686-9051 or &lt;a href="http://www.delta.edu/socsci/informationalmeeting.aspx"&gt;Meeting Information&lt;/a&gt;.</u>   |                      |             |           |          |      |                 |      |              |     |     |              |
| CD 113W-FA710  | GUIDANCE STRATEGIES  | Regular     | LCLB      | CNET     | T    | 12:00P - 1:55P  | G164 | 4            | 22  | 17  | 8/30 - 12/13 |
| Note: Meets in classroom as scheduled. Remaining instruction time will be completed online. Testing may be required in LLIC.   |                      |             |           |          |      |                 |      |              |     |     |              |
| CST 133W-FA710   | CMPUTR COMPETENCIES  | Regular     | LCLB      | CNET     | T    | 8:00A - 9:55A   | K111 | 4            | 22  | 22  | 8/30 - 12/13 |
| Note: Meets in the classroom as scheduled; remaining instruction time will be completed online. Required Software is Windows 7 and Office 2010.  |                      |             |           |          |      |                 |      |              |     |     |              |
| CST 133W-FA720   | CMPUTR COMPETENCIES  | Regular     | LCLB      | CNET     | M    | 8:00A - 9:55A   | K114 | 4            | 22  | 22  | 8/29 - 12/12 |
| Note: Meets in the classroom as scheduled; remaining instruction time will be completed online. Required Software is Windows 7 and Office 2010.  |                      |             |           |          |      |                 |      |              |     |     |              |
| CST 228-FA710  | ADV PC TRBLESHT A+   | Regular     | LCLB      | CNET     | R    | 12:00P - 1:55P  | K110 | 4            | 16  | 16  | 9/1 - 12/15  |
| Note: Prerequisite or instructor's permission to enroll. E-mail <a href="mailto:cjdrouse@delta.edu">instructor</a> . "Blended course," it will meet face to face every Thursday for lab in K110 from 12PM-1:55PM. Lectures and discussions are held online.  |                      |             |           |          |      |                 |      |              |     |     |              |
| ECN 221W-FA710   | PRIN OF MACROECON    | Regular     | LCLB      | CNET     | R    | 2:00P - 3:55P   | J135 | 4            | 25  | 22  | 9/1 - 12/15  |
| Note: Course will meet at times listed, and supplemented with online material.   |                      |             |           |          |      |                 |      |              |     |     |              |
| ECN 222W-FA710   | PRIN OF MICROECON    | Regular     | LCLB      | CNET     | W    | 6:00P - 8:55P   | F240 | 4            | 25  | 21  | 8/31 - 12/14 |
| Note: Course will meet at times listed, and supplemented with online material.   |                      |             |           |          |      |                 |      |              |     |     |              |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Distance

| Section Name   | Title               | Term Length | Inst Meth | Location | Days | Time | Room | Credit Hours | Cap | Enr | Dates         |
|--|---------------------|-------------|-----------|----------|------|------|------|--------------|-----|-----|---------------|
| ENV 154-FA810  | HAZ MAT SHIP/HAND   | Compressed  | LCLB      | INET     |      | -    | INET | 0.4          | 16  | 16  | 11/8 - 11/10  |
| Note: Can be taken independently or as a series with ENV 151W, 153 and 154. Course will be on-line via D2L.  |                     |             |           |          |      |      |      |              |     |     |               |
| ABS 200W-FA830   | CAREER DECISION MKG | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 21  | 21  | 8/27 - 10/24  |
| ABS 200W-FA840   | CAREER DECISION MKG | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 21  | 20  | 9/12 - 10/31  |
| ABS 200W-FA850   | CAREER DECISION MKG | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 21  | 18  | 10/31 - 12/16 |
| <u>Note: Required software is Windows 7 and Office 2010.</u>   |                     |             |           |          |      |      |      |              |     |     |               |
| CST 103-FA810  | WINDOWS FOUNDATIONS | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 18  | 17  | 8/29 - 10/21  |
| <u>Note: Required software is Word 2010.</u>   |                     |             |           |          |      |      |      |              |     |     |               |
| CST 104-FA810  | MS WORD FOUNDATIONS | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 18  | 19  | 10/24 - 12/16 |
| CST 106-FA810  | INTERNET FOUNDATION | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 18  | 17  | 8/29 - 10/8   |
| Note: Information on orientation may be reviewed at <a href="http://www.delta.edu/cst/">www.delta.edu/cst/</a> "CST Homepage" and click on "CST eLearning" then "CST 106". |                     |             |           |          |      |      |      |              |     |     |               |
| CST 106-FA820  | INTERNET FOUNDATION | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 18  | 16  | 8/29 - 10/21  |
| CST 110-FA810  | WEB PAGE HTML       | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 18  | 19  | 10/22 - 12/18 |
| Note: Information on orientation may be reviewed at <a href="http://www.delta.edu/cst/">www.delta.edu/cst/</a> "CST Homepage" and click on "CST eLearning" then "CST 110". |                     |             |           |          |      |      |      |              |     |     |               |
| CST 110-FA820  | WEB PAGE HTML       | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 18  | 17  | 10/22 - 12/18 |
| Note: Information on orientation may be reviewed at <a href="http://www.delta.edu/cst/">www.delta.edu/cst/</a> Click on "CST eLearning" then "CST 110."                    |                     |             |           |          |      |      |      |              |     |     |               |
| CST 120-FA810  | COMMAND LINE(D0S)   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 18  | 17  | 8/29 - 10/21  |
| Note: Information on orientation may be reviewed at <a href="http://www.delta.edu/cst/">www.delta.edu/cst/</a> "CST Homepage" and click on "CST eLearning" then "CST 120." |                     |             |           |          |      |      |      |              |     |     |               |
| CST 120-FA820  | COMMAND LINE(D0S)   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 18  | 16  | 10/24 - 12/16 |
| Note: Information on orientation may be reviewed at <a href="http://www.delta.edu/cst/">www.delta.edu/cst/</a> "CST Homepage" and click on "CST eLearning" then "CST 120." |                     |             |           |          |      |      |      |              |     |     |               |
| <u>Note: Required software is Windows 7 and Office 2010.</u>   |                     |             |           |          |      |      |      |              |     |     |               |
| CST 123-FA810  | WINDOWS OS          | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 18  | 16  | 11/1 - 12/13  |
| CST 170-FA810  | COMPUTER PROGRAM I  | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 18  | 19  | 8/29 - 10/21  |
| CST 177-FA810  | COMPUTER PROGRAM II | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 18  | 12  | 10/24 - 12/16 |
| FST 302-FA810  | LEADERSHIP I        | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 14  | 8/29 - 9/26   |
| FST 303-FA810  | LEADERSHIP II       | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 8   | 10/3 - 10/24  |
| FST 304-FA810  | LEADERSHIP III      | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 10  | 10/31 - 11/21 |
| FST 308-FA810  | HLTH & SFTY OFFICER | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 17  | 11/28 - 12/19 |
| <u>Note: Text book and Course packet REQUIRED on first class meeting.</u>  |                     |             |           |          |      |      |      |              |     |     |               |
| LW 220W-FA802  | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 19  | 9/12 - 10/28  |
| LW 220W-FA812  | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 19  | 8/31 - 10/21  |
| LW 220W-FA814  | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 20  | 8/31 - 10/21  |
| LW 220W-FA816  | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 16  | 8/29 - 10/17  |
| LW 220W-FA818  | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 17  | 8/30 - 10/18  |
| LW 220W-FA822  | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 19  | 9/12 - 10/28  |
| LW 220W-FA824  | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 18  | 9/3 - 10/22   |
| LW 220W-FA826  | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 18  | 10/22 - 12/18 |
| LW 220W-FA828  | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 19  | 9/12 - 10/28  |
| LW 220W-FA830  | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 20  | 10/17 - 12/9  |
| LW 220W-FA832  | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 20  | 10/17 - 12/9  |
| LW 220W-FA836  | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 20  | 10/24 - 12/16 |
| LW 220W-FA838  | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 16  | 10/24 - 12/16 |
| LW 220W-FA840  | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 18  | 8/29 - 10/15  |
| LW 220W-FA844  | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 20  | 10/31 - 12/16 |
| LW 220W-FA846  | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 19  | 10/31 - 12/16 |
| LW 220W-FA848  | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 19  | 8/31 - 10/21  |
| LW 220W-FA850  | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 19  | 8/31 - 10/21  |
| LW 220W-FA852  | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 13  | 10/24 - 12/16 |
| LW 220W-FA858  | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 19  | 10/24 - 12/16 |
| NUR 100A-FA905   | INTRO NURSG CAREERS | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 30  | 25  | 9/9 - 10/14   |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Distance

| Section Name   | Title                 | Term Length | Inst Meth | Location | Days | Time | Room | Credit Hours | Cap | Enr | Dates         |
|--|-----------------------|-------------|-----------|----------|------|------|------|--------------|-----|-----|---------------|
| RAD 205W-FA810   | PHARM IN IMAGING      | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 18  | 13  | 9/3 - 10/10   |
| ENV 153-FA810  | CONFINED SPACE TRNG   | Compressed  | LCLB      | INET     |      | -    | INET | 1.3          | 16  | 16  | 10/25 - 11/3  |
| Note: Can be taken independently or as a series with ENV 151W,152 and 154. Course will be on-line via D2L.                           |                       |             |           |          |      |      |      |              |     |     |               |
| ABS 101W-FA820   | COLLEGE SUCCESS       | Compressed  | LCLB      | INET     |      | -    | INET | 2            | 21  | 19  | 8/29 - 11/7   |
| ABS 101W-FA830   | COLLEGE SUCCESS       | Compressed  | LCLB      | INET     |      | -    | INET | 2            | 21  | 19  | 10/10 - 12/12 |
| CD 109W-FA810  | INTRO ED PARAPRO      | Compressed  | LCLB      | INET     |      | -    | INET | 2            | 18  | 17  | 8/30 - 11/18  |
| Note: Mandatory class meeting on 8/31, 4:30-7:30. Testing may be required in LLIC.   |                       |             |           |          |      |      |      |              |     |     |               |
| PHL 210W-FA810   | INFO/TECH ETHIC/LAW   | Compressed  | LCLB      | INET     |      | -    | INET | 2            | 18  | 16  | 8/29 - 11/7   |
| PHL 210W-FA820   | INFO/TECH ETHIC/LAW   | Compressed  | LCLB      | INET     |      | -    | INET | 2            | 18  | 16  | 8/29 - 11/7   |
| PHL 210W-FA840   | INFO/TECH ETHIC/LAW   | Compressed  | LCLB      | INET     |      | -    | INET | 2            | 18  | 17  | 8/29 - 11/7   |
| COM 114W-FA810   | INTERPRSNL COMMUNCT   | Compressed  | LCLB      | INET     |      | -    | INET | 3            | 20  | 20  | 9/1 - 11/8    |
| Note: This class ends on 11/8/11. Recommended Orientation:9/1/2011, 4-5:30 p.m., Room A123   |                       |             |           |          |      |      |      |              |     |     |               |
| COM 114W-FA830   | INTERPRSNL COMMUNCT   | Compressed  | LCLB      | INET     |      | -    | INET | 3            | 20  | 20  | 9/1 - 11/8    |
| Note: This class ends on 11/8/11. Recommended Orientation:9/1/2011, 4-5:30 PM, Room A123   |                       |             |           |          |      |      |      |              |     |     |               |
| COM 224W-FA810   | NONVERBAL COMMUNCAT   | Compressed  | LCLB      | INET     |      | -    | INET | 3            | 20  | 19  | 9/14 - 11/8   |
| Note: This class starts late on 9/14/2011 and ends early on 11/8/2011. Recommended orientation: 9/15/2011, 4:00-5:30 PM,RoomA123.    |                       |             |           |          |      |      |      |              |     |     |               |
| EDU 392W-FA810   | INTERNET TEACH TECH   | Compressed  | LCLB      | INET     |      | -    | INET | 3            | 12  | 12  | 9/13 - 12/13  |
| IHU 101-FA820  | HUMANITIES THRU ART   | Compressed  | LCLB      | INET     |      | -    | INET | 3            | 20  | 18  | 8/29 - 10/21  |
| Note: This is a 7 1/2 week course and ends 10/21/11. Recommendedorientation: 9/1/2011, 4 - 5:30 p.m. Room: A123.                     |                       |             |           |          |      |      |      |              |     |     |               |
| PHL 213W-FA810   | INTRODUCTN TO ETHIC   | Compressed  | LCLB      | INET     |      | -    | INET | 3            | 18  | 19  | 9/4 - 12/2    |
| ECN 221W-FA830   | PRIN OF MACROECON     | Compressed  | LCLB      | INET     |      | -    | INET | 4            | 18  | 18  | 8/29 - 10/14  |
| Note: Enroll in both ECN 221W FA830 and ECN 222W FA830 or FA840 to complete in same semester. Testing may be required in LLIC.       |                       |             |           |          |      |      |      |              |     |     |               |
| ECN 221W-FA840   | PRIN OF MACROECON     | Compressed  | LCLB      | INET     |      | -    | INET | 4            | 18  | 18  | 8/29 - 10/14  |
| Note: Enroll in both ECN 221W FA840 and ECN 222W FA830 or FA840 to complete in same semester. Testing may be required in LLIC.       |                       |             |           |          |      |      |      |              |     |     |               |
| ECN 221W-FA850   | PRIN OF MACROECON     | Compressed  | LCLB      | INET     |      | -    | INET | 4            | 18  | 13  | 8/29 - 10/14  |
| Note: Enroll in both ECN 221W FA850 and ECN 222W FA830 or FA840 to complete in same semester. Testing may be required in LLIC.       |                       |             |           |          |      |      |      |              |     |     |               |
| ECN 222W-FA830   | PRIN OF MICROECON     | Compressed  | LCLB      | INET     |      | -    | INET | 4            | 18  | 22  | 10/17 - 12/16 |
| Note: Enroll in both ECN 222W FA830 and ECN 221W FA830, FA840 orFA850 to complete in same semester. Testing may be required in LLIC. |                       |             |           |          |      |      |      |              |     |     |               |
| ECN 222W-FA840   | PRIN OF MICROECON     | Compressed  | LCLB      | INET     |      | -    | INET | 4            | 18  | 14  | 10/17 - 12/16 |
| Note: Enroll in both ECN 222W FA840 and ECN 221W FA830, FA840 orFA850 to complete in same semester. Testing may be required in LLIC. |                       |             |           |          |      |      |      |              |     |     |               |
| CST 135-FA810  | HELP DESK FUNDAMNT    | Regular     | LCLB      | INET     |      | -    | INET | 1            | 18  | 17  | 8/29 - 12/16  |
| <u>Note: Text book and Course packet REQUIRED on first class meeting.</u>  |                       |             |           |          |      |      |      |              |     |     |               |
| LW 220W-FA804  | LIFELONG WELLNESS     | Regular     | LCLB      | INET     |      | -    | INET | 1            | 20  | 18  | 8/29 - 12/16  |
| LW 220W-FA806  | LIFELONG WELLNESS     | Regular     | LCLB      | INET     |      | -    | INET | 1            | 20  | 20  | 8/29 - 12/16  |
| LW 220W-FA808  | LIFELONG WELLNESS     | Regular     | LCLB      | INET     |      | -    | INET | 1            | 20  | 18  | 8/29 - 12/16  |
| LW 220W-FA810  | LIFELONG WELLNESS     | Regular     | LCLB      | INET     |      | -    | INET | 1            | 20  | 18  | 8/29 - 12/16  |
| RAD 210W-FA810   | PATHOLOGY IN RADGRP   | Regular     | LCLB      | INET     |      | -    | INET | 1            | 18  | 13  | 8/30 - 12/18  |
| ABS 101W-FA810   | COLLEGE SUCCESS       | Regular     | LCLB      | INET     |      | -    | INET | 2            | 21  | 21  | 8/29 - 12/16  |
| ABS 101W-FA840   | COLLEGE SUCCESS       | Regular     | LCLB      | INET     |      | -    | INET | 2            | 22  | 23  | 8/29 - 12/16  |
| ACE 205W-FA820   | YR 11 EXP 1 BUS HS    | Regular     | LCLB      | INET     |      | -    | INET | 2            | 25  | 19  | 8/27 - 12/17  |
| ACE 206W-FA820   | YR 11 EXP 11 BUS HS   | Regular     | LCLB      | INET     |      | -    | INET | 2            | 25  | 4   | 8/27 - 12/17  |
| ACE 210W-FA820   | YR 11 EXP 1 COM SCI   | Regular     | LCLB      | INET     |      | -    | INET | 2            | 25  | 6   | 8/27 - 12/17  |
| ACE 211W-FA820   | YR 11 EXP 11 COM SC   | Regular     | LCLB      | INET     |      | -    | INET | 2            | 25  | 0   | 8/27 - 12/17  |
| ACE 215W-FA820   | YR 11 EXP 1 HLTH SC   | Regular     | LCLB      | INET     |      | -    | INET | 2            | 25  | 2   | 8/27 - 12/17  |
| ACE 216W-FA820   | YR 11 EXP 11 HLTH SC  | Regular     | LCLB      | INET     |      | -    | INET | 2            | 25  | 0   | 8/27 - 12/17  |
| ACE 220W-FA820   | YR 11 EXP 1 TECH IND  | Regular     | LCLB      | INET     |      | -    | INET | 2            | 25  | 10  | 8/27 - 12/17  |
| ACE 221W-FA820   | YR 11 ECP 11 TECH IND | Regular     | LCLB      | INET     |      | -    | INET | 2            | 25  | 1   | 8/27 - 12/17  |
| CST 126-FA810  | UNIX/LINUX OS         | Regular     | LCLB      | INET     |      | -    | INET | 2            | 18  | 18  | 8/29 - 12/16  |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Distance

| Section Name   | Title                 | Term Length | Inst Meth | Location | Days | Time | Room | Credit Hours | Cap | Enr | Dates        |
|--|-----------------------|-------------|-----------|----------|------|------|------|--------------|-----|-----|--------------|
| Note: All instruction will be completed online.  |                       |             |           |          |      |      |      |              |     |     |              |
| <u>Note: Required software is Office 2010.</u>   |                       |             |           |          |      |      |      |              |     |     |              |
| CST 147-FA810  | POWERPOINT            | Regular     | LCLB      | INET     |      | -    | INET | 2            | 18  | 17  | 8/29 - 12/16 |
| CST 163-FA810  | WIN NETWORK ADM       | Regular     | LCLB      | INET     |      | -    | INET | 2            | 18  | 18  | 8/29 - 12/16 |
| CST 214-FA810  | JAVASCRIPT PROGRAM    | Regular     | LCLB      | INET     |      | -    | INET | 2            | 19  | 19  | 8/29 - 12/16 |
| <u>Note: Credit may be earned in only one of the following: SSI 288, SSI 289, IHU 280, IHU 281, EDU 388, EDU 389.</u>  |                       |             |           |          |      |      |      |              |     |     |              |
| EDU 388W-FA810   | EXPLOR DIVERSITY      | Regular     | LCLB      | INET     |      | -    | INET | 2            | 0   | 1   | 9/7 - 12/18  |
| ENG 107W-FA810   | ELEM OF GRAMMAR       | Regular     | LCLB      | INET     |      | -    | INET | 2            | 15  | 13  | 9/11 - 12/18 |
| HSC 105-FA810  | MEDICAL TERMINOLOGY   | Regular     | LCLB      | INET     |      | -    | INET | 2            | 25  | 27  | 8/29 - 12/16 |
| Note: The textbook for this course must have an access code to do work online.   |                       |             |           |          |      |      |      |              |     |     |              |
| HSC 105-FA820  | MEDICAL TERMINOLOGY   | Regular     | LCLB      | INET     |      | -    | INET | 2            | 25  | 18  | 8/29 - 12/16 |
| Note: The textbook for this course must have an access code to do work online.   |                       |             |           |          |      |      |      |              |     |     |              |
| HSC 105-FA830  | MEDICAL TERMINOLOGY   | Regular     | LCLB      | INET     |      | -    | INET | 2            | 25  | 24  | 8/29 - 12/16 |
| Note: The textbook for this course must have an access code to do work online.   |                       |             |           |          |      |      |      |              |     |     |              |
| HSC 105-FA840  | MEDICAL TERMINOLOGY   | Regular     | LCLB      | INET     |      | -    | INET | 2            | 25  | 23  | 8/29 - 12/16 |
| Note: The textbook for this course must have an access code to do work online.   |                       |             |           |          |      |      |      |              |     |     |              |
| HSC 105-FA850  | MEDICAL TERMINOLOGY   | Regular     | LCLB      | INET     |      | -    | INET | 2            | 25  | 24  | 8/29 - 12/16 |
| Note: The textbook for this course must have an access code to do work online.   |                       |             |           |          |      |      |      |              |     |     |              |
| <u>Note: Credit may be earned in only one of the following: SSI 288, SSI 289, IHU 280, IHU 281, EDU 388, EDU 389.</u>  |                       |             |           |          |      |      |      |              |     |     |              |
| IHU 280W-FA810   | EXPLOR DIVERSITY      | Regular     | LCLB      | INET     |      | -    | INET | 2            | 15  | 10  | 9/7 - 12/16  |
| Note: Testing may be required in LLIC.   |                       |             |           |          |      |      |      |              |     |     |              |
| MTH 096-FA810  | PRE-ALGEBRA           | Regular     | LCLB      | INET     |      | -    | INET | 2            | 18  | 20  | 8/29 - 12/15 |
| Note: Note: Online orientation required in eLearning site. Tests in Academic Testing Center on Delta's main campus. Computer aided homework section. Contact instructor: <a href="mailto:pacariso@delta.edu">pacariso@delta.edu</a>                        |                       |             |           |          |      |      |      |              |     |     |              |
| MTH 096-FA840  | PRE-ALGEBRA           | Regular     | LCLB      | INET     |      | -    | INET | 2            | 18  | 20  | 8/29 - 12/15 |
| Note: Online orientation required in D2L. Tests in Academic Testing Center on Delta's main campus. Computer aided homework section. Contact the <a href="mailto:pacariso@delta.edu">pacariso@delta.edu</a>   |                       |             |           |          |      |      |      |              |     |     |              |
| <u>Note: Credit may be earned in only one of the following: SSI 288, SSI 289, IHU 280, IHU 281, EDU 388, EDU 389.</u>  |                       |             |           |          |      |      |      |              |     |     |              |
| SSI 288W-FA810   | EXPLOR DIVERSITY      | Regular     | LCLB      | INET     |      | -    | INET | 2            | 15  | 3   | 9/7 - 12/16  |
| Note: Testing may be required in LLIC.   |                       |             |           |          |      |      |      |              |     |     |              |
| ACC 215W-FA810   | FEDERAL TAX ACCOUNTIN | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 24  | 8/27 - 12/18 |
| Note: Instructors may require students to come to Delta College for testing. Check with individual instructors for testing requirements.   |                       |             |           |          |      |      |      |              |     |     |              |
| ACC 235-FA810  | FINANCIAL MANAGEMNT   | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 26  | 8/27 - 12/18 |
| Note: All instruction time is online. Recommended only for students with minimum GPA and grade in accounting of B, 3.3. Instructors may require students to come to Delta College for testing. Check with individual instructors for testing requirements. |                       |             |           |          |      |      |      |              |     |     |              |
| ACC 235-FA820  | FINANCIAL MANAGEMNT   | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 26  | 8/29 - 12/16 |
| ACE 106W-FA820   | YR 1 EXP 1 BUS HS     | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 13  | 8/27 - 12/17 |
| ACE 111W-FA820   | YR 1 EXP 1 COM SC     | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 2   | 8/27 - 12/17 |
| ACE 116W-FA820   | YR 1 EXP 1 HLTH SC    | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 1   | 8/27 - 12/17 |
| ACE 121W-FA820   | YR 1 EXP 1 TTECH IND  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 6   | 8/27 - 12/17 |
| ART 151W-FA810   | ART HIST & APPR I     | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 18  | 8/29 - 12/14 |
| Note: Orientation is Monday, August 29, 2011, from 12 - 2 p.m., in S105.   |                       |             |           |          |      |      |      |              |     |     |              |
| ART 151W-FA820   | ART HIST & APPR I     | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 15  | 8/29 - 12/14 |
| Note: Orientation is Monday, August 29, 2011, 12-2 P.M., in S-105.   |                       |             |           |          |      |      |      |              |     |     |              |
| CD 111W-FA810  | INTRO CHILD DEVEL     | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 16  | 9/1 - 12/16  |
| Note: Mandatory class meeting on 8/30, 5:00-8:00. Testing may be required in LLIC.   |                       |             |           |          |      |      |      |              |     |     |              |
| CJ 110W-FA810  | INTRO CRIM JUSTICE    | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 17  | 8/31 - 12/14 |
| CJ 111W-FA810  | POLICE ADMINISTRATN   | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 14  | 8/29 - 12/18 |
| CJ 187W-FA810  | ISSUES IN SECURITY    | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 16  | 8/29 - 12/16 |
| Note: Testing may be required in LLIC.   |                       |             |           |          |      |      |      |              |     |     |              |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Distance

| Section Name  | Title                | Term Length | Inst Meth | Location | Days | Time | Room | Credit Hours | Cap | Enr | Dates        |
|---|----------------------|-------------|-----------|----------|------|------|------|--------------|-----|-----|--------------|
| COM 114W-FA820  | INTERPRSNL COMMUNCT  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 20  | 8/29 - 12/14 |
| COM 216W-FA810  | THEATRE HISTORY      | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 18  | 8/29 - 12/14 |
| COM 244-FA810   | FAMILY COMM          | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 19  | 8/29 - 12/14 |
| Note: Optional orientation 8/29; 5-7PM.   |                      |             |           |          |      |      |      |              |     |     |              |
| CST 115W-FA810  | E-COMMERCE CONCEPTS  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 18  | 8/29 - 12/16 |
| CST 115W-FA820  | E-COMMERCE CONCEPTS  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 22  | 8/29 - 12/16 |
| Note: Required software is Office 2010.   |                      |             |           |          |      |      |      |              |     |     |              |
| CST 134-FA810   | MS OFFICE/BUS SYS    | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 18  | 8/29 - 12/16 |
| Note: Information on orientation may be reviewed at <a href="http://www.delta.edu/cst/">www.delta.edu/cst/</a> "CST Homepage" and click on "CST eLearning" then "CST 134."          |                      |             |           |          |      |      |      |              |     |     |              |
| CST 134-FA820   | MS OFFICE/BUS SYS    | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 16  | 8/29 - 12/16 |
| Note: Information on orientation may be reviewed at <a href="http://www.delta.edu/cst/">www.delta.edu/cst/</a> "CST Homepage" and click on "CST eLearning" then "CST 134."          |                      |             |           |          |      |      |      |              |     |     |              |
| Note: Required software is Office 2010.   |                      |             |           |          |      |      |      |              |     |     |              |
| CST 155-FA810   | MICROSOFT EXCEL      | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 17  | 8/29 - 12/18 |
| Note: Information on orientation may be reviewed at <a href="http://www.delta.edu/cst/">www.delta.edu/cst/</a> "CST Homepage" and click on "CST eLearning" then "CST 155."          |                      |             |           |          |      |      |      |              |     |     |              |
| CST 155-FA820   | MICROSOFT EXCEL      | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 17  | 8/29 - 12/18 |
| Note: Information on orientation may be reviewed at <a href="http://www.delta.edu/cst/">www.delta.edu/cst/</a> "CST Homepage" and click on "CST eLearning" then "CST 155."          |                      |             |           |          |      |      |      |              |     |     |              |
| CST 165-FA810   | LINUX NETWORKING I   | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 11  | 8/29 - 12/16 |
| Note: All instruction will be completed online.   |                      |             |           |          |      |      |      |              |     |     |              |
| CST 183-FA810   | JAVA PROGRAMMING     | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 15  | 8/29 - 12/16 |
| CST 235-FA810   | SYSTM ANAL & DESIGN  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 14  | 8/28 - 12/16 |
| Note: Required software is Office 2010.   |                      |             |           |          |      |      |      |              |     |     |              |
| CST 257-FA810   | DATABASE MS ACCESS   | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 16  | 8/29 - 12/16 |
| Note: All instruction will completed online.  |                      |             |           |          |      |      |      |              |     |     |              |
| Note: Course requires development of an academic service learning project. Credit may be earned in only one of the following: SSI 288, SSI 289, IHU 280, IHU 281, EDU 388, EDU 389. |                      |             |           |          |      |      |      |              |     |     |              |
| EDU 389W-FA810  | EXPL DIVERSITY PROJ  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 15  | 2   | 9/7 - 12/16  |
| EMB 140-FA810   | ELECTRON MEDIA HIST  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 24  | 8/29 - 12/18 |
| ENG 111-FA810   | COLLEGE COMP I       | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 18  | 8/27 - 12/18 |
| ENG 111-FA820   | COLLEGE COMP I       | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 17  | 8/27 - 12/18 |
| ENG 111-FA830   | COLLEGE COMP I       | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 18  | 8/27 - 12/16 |
| ENG 111-FA840   | COLLEGE COMP I       | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 18  | 8/27 - 12/18 |
| ENG 111-FA850   | COLLEGE COMP I       | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 19  | 8/27 - 12/18 |
| ENG 111-FA860   | COLLEGE COMP I       | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 17  | 8/27 - 12/16 |
| ENG 112-FA810   | COLLEGE COMP II      | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 15  | 8/27 - 12/18 |
| ENG 112-FA820   | COLLEGE COMP II      | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 17  | 8/27 - 12/18 |
| ENG 112-FA830   | COLLEGE COMP II      | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 19  | 8/29 - 12/18 |
| ENG 112-FA840   | COLLEGE COMP II      | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 14  | 8/29 - 12/18 |
| ENG 112-FA850   | COLLEGE COMP II      | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 17  | 8/29 - 12/18 |
| ENG 112-FA860   | COLLEGE COMP II      | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 16  | 8/27 - 12/18 |
| ENG 113-FA810   | TECHNICAL COMM       | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 14  | 8/29 - 12/18 |
| ENG 113-FA820   | TECHNICAL COMM       | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 15  | 8/29 - 12/18 |
| ENG 113-FA830   | TECHNICAL COMM       | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 16  | 8/27 - 12/18 |
| ENG 211-FA810   | ADVANCED COMP        | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 11  | 8/27 - 12/18 |
| ENT 131W-FA810  | ENTREPRENER SM BUS 1 | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 21  | 8/29 - 12/16 |
| Note: Optional orientation is also available on campus. Instructor will send information. ENT 131W is formerly MGT 131W.  |                      |             |           |          |      |      |      |              |     |     |              |
| ENT 131W-FA820  | ENTREPRENER SM BUS 1 | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 21  | 8/29 - 12/16 |
| Note: Optional orientation is also available on campus. Instructor will send information. ENT 131W is formerly MGT 131W.  |                      |             |           |          |      |      |      |              |     |     |              |
| FST 103W-FA810  | BLDG CONSTRUCTION    | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 19  | 8/29 - 12/12 |
| FST 219-FA810   | FIRE HYDRAULICS      | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 12  | 8/29 - 12/12 |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Distance

| Section Name   | Title                | Term Length | Inst Meth | Location | Days | Time | Room | Credit Hours | Cap | Enr | Dates        |
|--|----------------------|-------------|-----------|----------|------|------|------|--------------|-----|-----|--------------|
| HIS 215W-FA810   | RECNT AFRO-AMERICAN  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 16  | 8/29 - 12/18 |
| Note: Testing may be required in LLIC.<br><u>Note: Does not have HIS 221W as a prerequisite.</u>   |                      |             |           |          |      |      |      |              |     |     |              |
| HIS 222W-FA810   | RECNT AMERICN HISTRY | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 19  | 8/29 - 12/18 |
| Note: Testing may be required in LLIC.   |                      |             |           |          |      |      |      |              |     |     |              |
| HIS 222W-FA820   | RECNT AMERICN HISTRY | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 14  | 8/30 - 12/15 |
| Note: Video and internet used extensively for course work and interaction. Mandatory orientation Tue., 8/30 at 5:30 pm (room to be announced). Must attend orientation or meet with instructor first week of class or will be dropped. Out-of-class testing. A \$28 content fee will be assessed for licensing use of video materials and/or online content when you register for this course. |                      |             |           |          |      |      |      |              |     |     |              |
| IHU 101-FA810  | HUMANITIES THRU ART  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 19  | 8/29 - 12/16 |
| Note: INET Course.<br><u>Note: Includes 15-hour service learning project. Must qualify for the Honors Program to enroll in this course. Contact the <a href="http://www3.delta.edu/honors/">Honors Office</a> or at 686-9091. Credit may be earned in only one of the following: SSI 288, SSI 289, IHU 280, IHU 281, EDU 388, EDU 389.</u>   |                      |             |           |          |      |      |      |              |     |     |              |
| IHU 281HW-FA810  | HNRS EXPLOR DIVERS   | Regular     | LCLB      | INET     |      | -    | INET | 3            | 15  | 0   | 9/7 - 12/16  |
| Note: Testing may be required in LLIC.<br><u>Note: Includes 15-hour service learning project. Credit may be earned in only one of the following: SSI 288, SSI 289, IHU 280, IHU 281, EDU 388, EDU 389.</u>   |                      |             |           |          |      |      |      |              |     |     |              |
| IHU 281W-FA810   | EXPL DIVERSITY PROJ  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 15  | 1   | 9/7 - 12/16  |
| Note: Testing may be required in LLIC.   |                      |             |           |          |      |      |      |              |     |     |              |
| LIT 260W-FA810   | HOLOCAUST HIS & LIT  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 20  | 8/27 - 12/18 |
| LIT 260W-FA820   | HOLOCAUST HIS & LIT  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 15  | 8/27 - 12/18 |
| LIT 271W-FA810   | AM LIT TO 1865       | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 18  | 8/27 - 12/18 |
| MGT 110-FA810  | BUSINESS MATH        | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 25  | 8/29 - 12/16 |
| MGT 143-FA810  | PRIN OF ADVERTISING  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 24  | 8/29 - 12/18 |
| MGT 153W-FA810   | INTRO TO BUSINESS    | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 27  | 8/29 - 12/16 |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course</a> .  |                      |             |           |          |      |      |      |              |     |     |              |
| MGT 243-FA810  | PRIN OF MARKETING    | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 25  | 8/29 - 12/16 |
| Note: Contact <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning</a> for orientation information. Orientation required. A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course</a> .  |                      |             |           |          |      |      |      |              |     |     |              |
| MGT 243-FA820  | PRIN OF MARKETING    | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 27  | 8/29 - 12/16 |
| Note: Contact <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning</a> for orientation information. Orientation required. A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course</a> .  |                      |             |           |          |      |      |      |              |     |     |              |
| MGT 245-FA810  | PRIN OF MANAGEMENT   | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 27  | 8/29 - 12/16 |
| MGT 245-FA820  | PRIN OF MANAGEMENT   | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 27  | 8/29 - 12/16 |
| MGT 251W-FA810   | BUSINESS LAW I       | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 29  | 8/29 - 12/18 |
| MGT 251W-FA820   | BUSINESS LAW I       | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 26  | 8/29 - 12/18 |
| MGT 252-FA810  | BUSINESS LAW II      | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 27  | 8/29 - 12/18 |
| MGT 256-FA810  | HUM RESOURCE MNG I   | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 27  | 8/29 - 12/18 |
| MGT 256-FA820  | HUM RESOURCE MNG I   | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 26  | 8/29 - 12/18 |
| MGT 257W-FA810   | HUM RESOURC MGT II   | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 10  | 8/29 - 12/18 |
| MGT 265-FA810  | INTERNATIONAL BUS    | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 27  | 8/29 - 12/16 |
| Note: All instruction will be completed online.  |                      |             |           |          |      |      |      |              |     |     |              |
| MGT 265-FA820  | INTERNATIONAL BUS    | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 24  | 8/29 - 12/16 |
| MIT 210-FA810  | LEAN THINKING STRAT  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 17  | 9/3 - 12/12  |
| MTH 097-FA810  | ALGEBRA I            | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 20  | 8/29 - 12/15 |
| Note: Online orientation required in D2L. Tests in Academic Testing Center on Delta's main campus. Computer aided homework section. Contact the <a href="mailto:pacariso@delta.edu">instructor</a>   |                      |             |           |          |      |      |      |              |     |     |              |
| MTH 097-FA840  | ALGEBRA I            | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 17  | 8/29 - 12/15 |
| ion optional on main campus. Room & time posted at <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> . Tests in Academic Testing Center. Contact the instructor   |                      |             |           |          |      |      |      |              |     |     |              |
| <u>Note: A TI-83 or TI-84 graphing calculator is required.</u>   |                      |             |           |          |      |      |      |              |     |     |              |
| MTH 208W-FA810   | ELEM STATISTICS      | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 19  | 8/29 - 12/15 |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Distance

| Section Name  | Title               | Term Length | Inst Meth | Location | Days | Time | Room | Credit Hours | Cap | Enr | Dates        |
|---|---------------------|-------------|-----------|----------|------|------|------|--------------|-----|-----|--------------|
| Note: Contact <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning</a> for orientation information. Out ofclass testing in Academic Testing Center. My MathLab will be used.  |                     |             |           |          |      |      |      |              |     |     |              |
| MTH 208W-FA820  | ELEM STATISTICS     | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 17  | 8/29 - 12/15 |
| Note: Contact <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning</a> for orientation information. Out ofclass testing in Academic Testing Center. My MathLab will be used.  |                     |             |           |          |      |      |      |              |     |     |              |
| OAT 151-FA810   | BUSINESS COMMCTN I  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 19  | 8/29 - 12/16 |
| Note: Contact <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning</a> for orientation information. Exams will be given in the Academic Testing Center (ATC) located in the library (LLIC).   |                     |             |           |          |      |      |      |              |     |     |              |
| OAT 151-FA820   | BUSINESS COMMCTN I  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 17  | 8/29 - 12/16 |
| Note: Contact <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning</a> for orientation information. Exams will be given in the Academic Testing Center (ATC) located in the library (LLIC).   |                     |             |           |          |      |      |      |              |     |     |              |
| OAT 151-FA830   | BUSINESS COMMCTN I  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 19  | 8/29 - 12/16 |
| Note: Contact <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning</a> for orientation information. Exams will be given in the Academic Testing Center (ATC) located in the library (LLIC).   |                     |             |           |          |      |      |      |              |     |     |              |
| PHL 211-FA810   | INTRO TO PHILOSOPHY | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 16  | 8/29 - 12/14 |
| Note: Orientation session optional. Contact <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning</a> for orientation information. On-line use of Educator required. Should be familiar with it & check it before the first class meeting. A \$28 content fee will be assessed for licensing use of video materials and/or online content when you register for this course. |                     |             |           |          |      |      |      |              |     |     |              |
| Note: Same as POL 104W except without civic engagement project.   |                     |             |           |          |      |      |      |              |     |     |              |
| POL 103W-FA810  | AMERICAN GOVERNMENT | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 17  | 8/29 - 12/18 |
| POL 103W-FA820  | AMERICAN GOVERNMENT | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 16  | 8/29 - 12/18 |
| POL 103W-FA830  | AMERICAN GOVERNMENT | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 21  | 8/27 - 12/18 |
| Note: Three proctored exams required. Testing may be required in LLIC.  |                     |             |           |          |      |      |      |              |     |     |              |
| POL 103W-FA840  | AMERICAN GOVERNMENT | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 18  | 8/27 - 12/18 |
| Note: Three proctored exams required. Testing may be required in LLIC.  |                     |             |           |          |      |      |      |              |     |     |              |
| POL 103W-FA850  | AMERICAN GOVERNMENT | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 18  | 8/29 - 12/10 |
| POL 103W-FA860  | AMERICAN GOVERNMENT | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 14  | 8/29 - 12/18 |
| POL 103W-FA870  | AMERICAN GOVERNMENT | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 14  | 8/29 - 12/18 |
| POL 103W-FA880  | AMERICAN GOVERNMENT | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 17  | 8/29 - 12/18 |
| POL 103W-FA890  | AMERICAN GOVERNMENT | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 16  | 8/29 - 12/18 |
| POL 212W-FA810  | STATE & LOCAL GOVT  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 15  | 8/29 - 12/18 |
| PSY 101W-FA810  | APPLIED PSYCHOLOGY  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 23  | 8/29 - 12/18 |
| PSY 101W-FA820  | APPLIED PSYCHOLOGY  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 21  | 8/29 - 12/18 |
| PSY 223W-FA810  | CHILD PSYCHOLOGY    | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 18  | 8/29 - 12/18 |
| Note: Testing may be required in LLIC.  |                     |             |           |          |      |      |      |              |     |     |              |
| PSY 225W-FA810  | ADOLESCENT PSYCH    | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 16  | 8/27 - 12/16 |
| Note: See online course site just prior to the beginning of this semester. Testing may be required in LLIC.   |                     |             |           |          |      |      |      |              |     |     |              |
| PSY 241W-FA810  | ABNORMAL PSYCHOLOGY | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 13  | 8/30 - 12/18 |
| Note: Online orientation. No scheduled class time. See online course site just prior to the beginning of the semester. Testing may be required in LLIC. Contact <a href="mailto:clcurtis@delta.edu">instructor</a>  |                     |             |           |          |      |      |      |              |     |     |              |
| SOC 211W-FA810  | PRINCP OF SOCIOLOGY | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 17  | 8/27 - 12/17 |
| Note: A \$28 content fee will be assessed for licensing use of video materials and/or online content when you register for this course. Internet used extensively for course work and interaction. Textbook, study guide and 22 video lessons required. Three proctored tests, usually taken in the LLIC, required. On-campus orientation strongly recommended.                                   |                     |             |           |          |      |      |      |              |     |     |              |
| SOC 211W-FA820  | PRINCP OF SOCIOLOGY | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 14  | 8/27 - 12/17 |
| Note: A \$28 content fee will be assessed for licensing use of video materials and/or online content when you register for this course. Internet used extensively for course work and interaction. Textbook, study guide and 22 video lessons required. Three proctored tests, usually taken in the LLIC, required. On-campus orientation strongly recommended.                                   |                     |             |           |          |      |      |      |              |     |     |              |
| SOC 211W-FA830  | PRINCP OF SOCIOLOGY | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 19  | 8/27 - 12/17 |
| Note: A \$28 content fee will be assessed for licensing use of video materials and/or online content when you register for this course. Internet used extensively for course work and interaction. Textbook, study guide and 22 video lessons required. Three proctored tests, usually taken in the LLIC, required. On-campus orientation strongly recommended.                                   |                     |             |           |          |      |      |      |              |     |     |              |
| SOC 211W-FA840  | PRINCP OF SOCIOLOGY | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 17  | 8/29 - 12/14 |
| Note: This class uses streaming video, and students will need broadband (also known as high-speed) internet access. Students with dial-up internet access will need to have regular use of a computer with broadband..  |                     |             |           |          |      |      |      |              |     |     |              |
| SOC 211W-FA850  | PRINCP OF SOCIOLOGY | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 16  | 8/29 - 12/14 |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Distance

| Section Name  | Title                | Term Length | Inst Meth | Location | Days | Time | Room | Credit Hours | Cap | Enr | Dates        |
|---|----------------------|-------------|-----------|----------|------|------|------|--------------|-----|-----|--------------|
| Note: This class uses streaming video, and students will need broadband (also known as high-speed) internet access. Students with dial-up internet access will need to have regular use of a computer with broadband.   |                      |             |           |          |      |      |      |              |     |     |              |
| SOC 211W-FA860  | PRINCPL OF SOCIOLOGY | Regular     | LCLB      | INET     | -    |      | INET | 3            | 18  | 14  | 8/29 - 12/14 |
| Note: This class uses streaming video, and students will need broadband (also known as high-speed) internet access. Students with dial-up internet access will need to have regular use of a computer with broadband.   |                      |             |           |          |      |      |      |              |     |     |              |
| SOC 212W-FA810  | SOCIAL PROBLEMS      | Regular     | LCLB      | INET     | -    |      | INET | 3            | 18  | 18  | 8/29 - 12/16 |
| Note: Testing may be required in LLIC.  |                      |             |           |          |      |      |      |              |     |     |              |
| SOC 215W-FA810  | SOC MINORITY GROUPS  | Regular     | LCLB      | INET     | -    |      | INET | 3            | 18  | 16  | 8/29 - 12/16 |
| SOC 215W-FA820  | SOC MINORITY GROUPS  | Regular     | LCLB      | INET     | -    |      | INET | 3            | 18  | 17  | 8/29 - 12/16 |
| <u>Note: Includes 15-hour service learning project. Must qualify for Honors Program to enroll in this course. Contact &lt;a href="http://www3.delta.edu/honors"&gt;Honors&lt;/a&gt; or 686-9091. Credit may be earned in only one of the following: SSI 288, SSI 289, IHU 280, IHU 281, EDU 388, EDU 389.</u>                                 |                      |             |           |          |      |      |      |              |     |     |              |
| SSI 289HW-FA810   | HNRS EXPLOR DIVERS   | Regular     | LCLB      | INET     | -    |      | INET | 3            | 15  | 0   | 9/7 - 12/16  |
| Note: Testing may be required in the LLIC.  |                      |             |           |          |      |      |      |              |     |     |              |
| <u>Note: Includes 15-hour service learning project. Credit may be earned in only one of the following: SSI 288, SSI 289, IHU 280, IHU 281, EDU 388, EDU 389.</u>  |                      |             |           |          |      |      |      |              |     |     |              |
| SSI 289W-FA810  | EXPL DIVERSITY PROJ  | Regular     | LCLB      | INET     | -    |      | INET | 3            | 15  | 1   | 9/7 - 12/16  |
| Note: Testing may be required in LLIC.  |                      |             |           |          |      |      |      |              |     |     |              |
| <u>Note: All sections require the use of the Internet and purchase of WileyPlus.</u>  |                      |             |           |          |      |      |      |              |     |     |              |
| ACC 211-FA810   | PRIN ACCOUNTING I    | Regular     | LCLB      | INET     | -    |      | INET | 4            | 25  | 25  | 8/27 - 12/18 |
| Note: All instruction time is online. Recommended only for students with minimum GPA of B, 3.3. Instructors may require students to come to Delta College for testing. Check with individual instructors for testing requirements.  |                      |             |           |          |      |      |      |              |     |     |              |
| ACC 211-FA820   | PRIN ACCOUNTING I    | Regular     | LCLB      | INET     | -    |      | INET | 4            | 25  | 29  | 8/27 - 12/18 |
| Note: All instruction time is online. Recommended only for students with minimum GPA of B, 3.3. Instructors may require students to come to Delta College for testing. Check with individual instructors for testing requirements.  |                      |             |           |          |      |      |      |              |     |     |              |
| <u>Note: All sections require the use of the Internet and purchase of WileyPlus.</u>  |                      |             |           |          |      |      |      |              |     |     |              |
| ACC 212-FA810   | PRIN OF ACCTG II     | Regular     | LCLB      | INET     | -    |      | INET | 4            | 25  | 28  | 8/29 - 12/18 |
| Note: All Accounting program students are strongly encouraged to take ACC 214 with ACC 212. All instruction time is online. Recommended only for students with minimum GPA and grade in ACC 211 of B, 3.3. Instructors may require students to come to Delta College for testing. Check with individual instructors for testing requirements. |                      |             |           |          |      |      |      |              |     |     |              |
| ACC 214-FA810   | MICRO ACCTG APPLI    | Regular     | LCLB      | INET     | -    |      | INET | 4            | 18  | 17  | 8/27 - 12/18 |
| Note: Recommended only for students with minimum GPA and grade in ACC 211 of B, 3.3. Instructors may require students to come to Delta College for testing. Check with individual instructors for testing requirements.   |                      |             |           |          |      |      |      |              |     |     |              |
| CST 133W-FA810  | CMPUTR COMPETENCIES  | Regular     | LCLB      | INET     | -    |      | INET | 4            | 18  | 17  | 8/29 - 12/16 |
| Note: All instruction is completed online. Required software is Windows 7 and Office 2010.  |                      |             |           |          |      |      |      |              |     |     |              |
| CST 133W-FA820  | CMPUTR COMPETENCIES  | Regular     | LCLB      | INET     | -    |      | INET | 4            | 18  | 18  | 8/29 - 12/16 |
| Note: All instruction is completed online. Required software is Windows 7 and Office 2010.  |                      |             |           |          |      |      |      |              |     |     |              |
| CST 133W-FA830  | CMPUTR COMPETENCIES  | Regular     | LCLB      | INET     | -    |      | INET | 4            | 18  | 16  | 8/29 - 12/16 |
| Note: All instruction is completed online. Required software is Windows 7 and Office 2010.  |                      |             |           |          |      |      |      |              |     |     |              |
| CST 133W-FA840  | CMPUTR COMPETENCIES  | Regular     | LCLB      | INET     | -    |      | INET | 4            | 18  | 19  | 8/29 - 12/16 |
| Note: All instruction is completed online. Required software is Windows 7 and Office 2010.  |                      |             |           |          |      |      |      |              |     |     |              |
| CST 133W-FA850  | CMPUTR COMPETENCIES  | Regular     | LCLB      | INET     | -    |      | INET | 4            | 18  | 15  | 8/29 - 12/16 |
| Note: All instruction is completed online. Required software is Windows 7 and Office 2010.  |                      |             |           |          |      |      |      |              |     |     |              |
| CST 133W-FA860  | CMPUTR COMPETENCIES  | Regular     | LCLB      | INET     | -    |      | INET | 4            | 18  | 18  | 8/29 - 12/16 |
| Note: All instruction is completed online. Required software is Windows 7 and Office 2010.  |                      |             |           |          |      |      |      |              |     |     |              |
| CST 133W-FA870  | CMPUTR COMPETENCIES  | Regular     | LCLB      | INET     | -    |      | INET | 4            | 22  | 21  | 8/29 - 12/16 |
| Note: All instruction is completed online. Required software is Windows 7 and Office 2010.  |                      |             |           |          |      |      |      |              |     |     |              |
| CST 266-FA810   | INFO SECURITY        | Regular     | LCLB      | INET     | -    |      | INET | 4            | 18  | 17  | 8/29 - 12/16 |
| CST 266-FA820   | INFO SECURITY        | Regular     | LCLB      | INET     | -    |      | INET | 4            | 18  | 13  | 8/29 - 12/16 |
| ECN 221W-FA610  | PRIN OF MACROECON    | Regular     | LCLB      | INET     | -    |      | INET | 4            | 20  | 8   | 8/29 - 12/16 |
| Note: <b><font color=red>Learning Community Course.</font></b> Must also register for MTH119W-FA610. For MTH 119W, a graphing calculator is required. ATI-83/84 is recommended. Exams will be taken in the Delta College Testing Center.  |                      |             |           |          |      |      |      |              |     |     |              |
| ECN 221W-FA820  | PRIN OF MACROECON    | Regular     | LCLB      | INET     | -    |      | INET | 4            | 18  | 22  | 8/29 - 12/18 |
| Note: Exams will be taken in the Delta College Testing Center.  |                      |             |           |          |      |      |      |              |     |     |              |
| ECN 222W-FA820  | PRIN OF MICROECON    | Regular     | LCLB      | INET     | -    |      | INET | 4            | 18  | 17  | 8/29 - 12/18 |
| FST 280W-FA810  | CO OFFICER 1/11      | Regular     | LCLB      | INET     | -    |      | INET | 4            | 20  | 4   | 8/29 - 12/12 |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Distance

| Section Name   | Title                | Term Length | Inst Meth | Location | Days | Time | Room | Credit Hours | Cap | Enr | Dates        |
|--|----------------------|-------------|-----------|----------|------|------|------|--------------|-----|-----|--------------|
| HIS 111W-FA810   | SURVY EARLY WEST CIV | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 18  | 8/29 - 12/18 |
| <p>Note: Testing may be required in LLIC.<br/> <u>Note: Does not have HIS 111W as a prerequisite.</u></p>  |                      |             |           |          |      |      |      |              |     |     |              |
| HIS 112W-FA810   | SURVEY LATR WEST CIV | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 20  | 8/29 - 12/18 |
| <p>Note: Testing may be required in LLIC.<br/> <u>Note: For students that received a B- or better in the prerequisite course, MTH 097. A graphing calculator is required. A TI-83/84 family calculator is recommended.</u></p>   |                      |             |           |          |      |      |      |              |     |     |              |
| MTH 119W-FA610   | INTERMED ALGEBRA     | Regular     | LCLB      | INET     |      | -    | INET | 4            | 20  | 8   | 8/30 - 12/15 |
| <p>Note: <b>Learning Community Course.</b> Must also register for ECN 221W FA610. For more information visit <a href="http://www.delta.edu/learningcommunities.aspx">http://www.delta.edu/learningcommunities.aspx</a> Learning Communities Computer Aided Homework Session. Out of class testing in the Academic Testing Center.</p>  |                      |             |           |          |      |      |      |              |     |     |              |
| MTH 119W-FA820   | INTERMED ALGEBRA     | Regular     | LCLB      | INET     |      | -    | INET | 4            | 20  | 18  | 8/30 - 12/15 |
| <p>Note: Online orientation required within Desire2Learn. Contact the <a href="mailto:maryroberson@delta.edu">instructor</a> for more information. Out of class testing in Academic Testing Center.<br/> <u>Note: Beginning Fall semester 2010, this course may use online resources requiring an access code (included in the textbook price at the Delta College Bookstore). Purchasing textbooks elsewhere may require purchase of an individual access code through the publisher.</u></p> |                      |             |           |          |      |      |      |              |     |     |              |
| PSY 211W-FA810   | GENERAL PSYCHOLOGY   | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 12  | 8/30 - 12/17 |
| <p>Note: Video and internet used extensively for course work and interaction. A \$28 content fee will be assessed for licensing use of video materials and/or online content when you register for this course. Testing may be required in LLIC.</p>   |                      |             |           |          |      |      |      |              |     |     |              |
| PSY 211W-FA830   | GENERAL PSYCHOLOGY   | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 19  | 9/7 - 12/16  |
| <p>Note: Online orientation. No scheduled class time. See online course site just prior to the beginning of the semester. Testing may be required in LLIC. Contact instructor: <a href="mailto:jawillia@delta.edu">jawillia@delta.edu</a>.</p>   |                      |             |           |          |      |      |      |              |     |     |              |
| PSY 211W-FA840   | GENERAL PSYCHOLOGY   | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 20  | 8/27 - 12/17 |
| <p>Note: See online course site just prior to the beginning of the semester. Testing may be required in LLIC.</p>  |                      |             |           |          |      |      |      |              |     |     |              |
| PSY 211W-FA850   | GENERAL PSYCHOLOGY   | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 16  | 8/30 - 12/18 |
| PSY 211W-FA860   | GENERAL PSYCHOLOGY   | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 19  | 8/27 - 12/17 |
| <p>Note: See online course site just prior to the beginning of the semester. Testing may be required in LLIC.</p>  |                      |             |           |          |      |      |      |              |     |     |              |
| PSY 211W-FA870   | GENERAL PSYCHOLOGY   | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 17  | 8/27 - 12/17 |
| <p>Note: See online course site just prior to the beginning of the semester. Testing may be required in LLIC.</p>  |                      |             |           |          |      |      |      |              |     |     |              |
| PSY 211W-FA880   | GENERAL PSYCHOLOGY   | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 17  | 8/27 - 12/16 |
| <p>Note: Testing may be required in LLIC.</p>  |                      |             |           |          |      |      |      |              |     |     |              |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Independent/Directed Study

| Section Name  | Title                  | Term Length | Inst Meth | Location | Days | Time | Room | Credit Hours | Cap | Enr | Dates         |
|---|------------------------|-------------|-----------|----------|------|------|------|--------------|-----|-----|---------------|
| ACE 291-FA902   | INDEPENDENT STUDY      | Compressed  | LCLB      | DLTA     | -    | -    | -    | 1            | 0   | 1   | 9/26 - 12/18  |
| GLG 262W-FA900  | GEOL CANDN SHIELD      | Compressed  | LCLB      | OTHR     | -    | -    | -    | 1            | 0   | 1   | 10/11 - 10/30 |
| GLG 291-FA900   | GROUNDWATER GEOLOGY    | Compressed  | LCLB      | OTHR     | -    | -    | -    | 1            | 0   | 1   | 10/4 - 12/15  |
| LWA 291-FA900   | PERSONAL FITNESS       | Compressed  | LCLB      | OTHR     | -    | -    | -    | 1            | 0   | 1   | 9/13 - 12/15  |
| LWA 291-FA901   | PERSONAL FITNESS       | Compressed  | LCLB      | OTHR     | -    | -    | -    | 1            | 0   | 1   | 10/3 - 12/18  |
| MTH 291-WN900   | CALCULUS & STATS       | Compressed  | LCLB      | OTHR     | -    | -    | -    | 1            | 0   | 1   | 12/15 - 12/16 |
| MUS 274-FA900   | APP MUS INSTR MINOR    | Compressed  | LCLB      | DLTA     | -    | -    | -    | 1            | 0   | 1   | 9/23 - 12/18  |
| PHL 207W-FA900  | ENGINEERING ETHICS     | Compressed  | LCLB      | OTHR     | -    | -    | -    | 1            | 0   | 1   | 9/7 - 11/10   |
| CHM 291-FA900   | CHEMICAL ANALYSIS      | Compressed  | LCLB      | OTHR     | -    | -    | -    | 2            | 0   | 1   | 11/7 - 12/16  |
| CPI 270-FA900   | ADV PROCS OP LAB       | Compressed  | LCLB      | OTHR     | -    | -    | -    | 2            | 0   | 1   | 9/15 - 10/27  |
| CPI 270-FA901   | ADV PROCS OP LAB       | Compressed  | LCLB      | OTHR     | -    | -    | -    | 2            | 0   | 1   | 8/29 - 10/5   |
| CPI 270-FA902   | ADV PROCS OP LAB       | Compressed  | LCLB      | OTHR     | -    | -    | -    | 2            | 0   | 1   | 8/29 - 10/5   |
| CPI 270-FA904   | ADV PROCS OP LAB       | Compressed  | LCLB      | OTHR     | -    | -    | -    | 2            | 0   | 1   | 9/14 - 10/5   |
| MUS 291-FA900   | PROJECT JAZZ CHOIR RES | Compressed  | LCLB      | OTHR     | -    | -    | -    | 2            | 0   | 1   | 10/4 - 12/18  |
| <u>Note: Requires an additional \$100 in materials.</u>   |                        |             |           |          |      |      |      |              |     |     |               |
| ART 284-FA900   | TYPOGRAPHY             | Compressed  | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 9/21 - 12/18  |
| <u>Note: Requires an additional \$100 in materials.</u>   |                        |             |           |          |      |      |      |              |     |     |               |
| ART 288-FA901   | DIGITAL IMAGING II     | Compressed  | LCLB      | DLTA     | -    | -    | -    | 3            | 1   | 0   | 9/29 - 12/16  |
| ART 291-FA900   | SCULPTURAL STUDIES     | Compressed  | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 11/9 - 12/15  |
| COM 114W-FA900  | INTERPRSNL COMMUNCT    | Compressed  | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 10/6 - 12/12  |
| CPI 245-FA901   | ENV HTH SFTY CPI       | Compressed  | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 11/7 - 11/15  |
| CST 154W-FA900  | INCIDENT RESPONSE      | Compressed  | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 9/12 - 12/15  |
| CST 154W-FA901  | INCIDENT RESPONSE      | Compressed  | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 9/12 - 12/15  |
| CST 154W-FA902  | INCIDENT RESPONSE      | Compressed  | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 9/12 - 12/15  |
| CST 154W-FA903  | INCIDENT RESPONSE      | Compressed  | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 9/13 - 12/15  |
| CST 154W-FA904  | INCIDENT RESPONSE      | Compressed  | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 9/13 - 12/15  |
| CST 217-FA900   | WEB SERVER PROGRAM     | Compressed  | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 9/20 - 12/14  |
| <u>Note: Students must pay a \$20 travel fee at cashier's window by the second week of the course.</u>  |                        |             |           |          |      |      |      |              |     |     |               |
| GLG 122-FA900   | GEOLOGY OF MICHIGAN    | Compressed  | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 9/13 - 12/11  |
| MGT 254-FA900   | APPLIED MARKETING      | Compressed  | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 9/28 - 12/12  |
| <u>Note: For technology requirements, please see instructor on first day of class.</u>  |                        |             |           |          |      |      |      |              |     |     |               |
| MTH 264-FA901   | DIFFRNTL EQUATIONS     | Compressed  | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 10/18 - 12/18 |
| PHY 291-FA900   | AP PHYSICS MECHANICS C | Compressed  | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 11/1 - 12/18  |
| BIO 240-FA900   | HUMAN ANATOMY          | Compressed  | LCLB      | OTHR     | -    | -    | -    | 4            | 0   | 1   | 11/28 - 12/18 |
| CPI 260W-FA900  | PROC OPER MNGMNT       | Compressed  | LCLB      | OTHR     | -    | -    | -    | 4            | 0   | 1   | 11/7 - 12/5   |
| <u>Instructor may use out of class testing at the Testing Center for all Exams. Computer with Internet access may be required for some assignments.</u>   |                        |             |           |          |      |      |      |              |     |     |               |
| GE 111-FA900  | GERMAN ONE             | Compressed  | LCLB      | OTHR     | -    | -    | -    | 4            | 0   | 1   | 9/16 - 12/16  |
| GLG 118-FA900   | GEOLOGY & DINOSAURS    | Compressed  | LCLB      | OTHR     | -    | -    | -    | 4            | 0   | 1   | 9/20 - 12/18  |
| <u>Note: Beginning Fall semester 2010, this course may use online resources requiring an access code (included in the textbook price at the Delta College Bookstore). Purchasing textbooks elsewhere may require purchase of an individual access code through the publisher.</u> |                        |             |           |          |      |      |      |              |     |     |               |
| PSY 211W-FA910  | GENERAL PSYCHOLOGY     | Compressed  | LCLB      | OTHR     | -    | -    | -    | 4            | 0   | 1   | 9/27 - 12/15  |
| WELD 220-FA901  | WELD QUAL-PLATE        | Compressed  | LCLB      | DLTA     | -    | -    | -    | 4            | 0   | 1   | 10/24 - 12/16 |
| ACE 291-FA901   | INDEPENDENT STUDY      | Regular     | LCLB      | DLTA     | -    | -    | -    | 1            | 1   | 1   | 8/30 - 12/18  |
| PHL 207W-FA901  | ENGINEERING ETHICS     | Regular     | LCLB      | OTHR     | -    | -    | -    | 1            | 0   | 1   | 9/8 - 12/16   |
| CST 219W-FA900  | WEB SITE DEPLOYMENT    | Regular     | LC/LB     | OTHR     | -    | -    | -    | 2            | 0   | 1   | 8/29 - 12/15  |
| CST 219W-FA901  | WEB SITE DEPLOYMENT    | Regular     |           | OTHR     | -    | -    | -    | 2            | 0   | 1   | -             |
| <u>Note: Student must provide own tools. Minimum cost \$50.</u>   |                        |             |           |          |      |      |      |              |     |     |               |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Independent/Directed Study

| Section Name   | Title                | Term Length | Inst Meth | Location | Days | Time | Room | Credit Hours | Cap | Enr | Dates        |
|--|----------------------|-------------|-----------|----------|------|------|------|--------------|-----|-----|--------------|
| ART 232-FA900  | CERAMICS II          | Regular     | LCLB      | OTHR     |      | -    |      | 3            | 0   | 1   | 8/27 - 12/18 |
| CST 267-FA901  | INTRO COMP FORENSICS | Regular     | LCLB      | OTHR     |      | -    |      | 3            | 0   | 1   | 8/29 - 12/15 |
| ENG 111-FA900  | COLLEGE COMP I       | Regular     | LCLB      | OTHR     |      | -    |      | 3            | 0   | 1   | 9/7 - 12/18  |
| ENG 111A-FA900   | WRIT MET/COL COMP I  | Regular     |           | OTHR     |      | -    |      | 3            | 0   | 1   | -            |
| ENG 112-FA900  | COLLEGE COMP II      | Regular     | LCLB      | OTHR     |      | -    |      | 3            | 0   | 1   | 8/29 - 12/12 |
| ENG 217-FA900  | ADVANCED REPORTING   | Regular     | LCLB      | OTHR     |      | -    |      | 3            | 0   | 1   | 9/7 - 12/17  |
| ENG 256-FA110  | CREATIVE NON-FICTION | Regular     | LCLB      | DLTA     |      | -    |      | 3            | 0   | 0   | 8/29 - 12/16 |
| ENG 256-FA900  | CREATIVE NON-FICTION | Regular     |           | DLTA     |      | -    |      | 3            | 0   | 1   | -            |
| ENT 132W-FA900   | ENTREPRENR SM BUS 2  | Regular     | LCLB      | OTHR     |      | -    |      | 3            | 0   | 1   | 8/29 - 12/16 |
| FST 104W-FA901   | ARSON AWARENESS      | Regular     | LCLB      | OTHR     |      | -    |      | 3            | 0   | 1   | 8/29 - 12/12 |
| <u>Note: Must qualify for the Honors Program to enroll in this course. Contact the <a href="http://www3.delta.edu/honors/">Honors Office</a> or at 686-9091.</u> |                      |             |           |          |      |      |      |              |     |     |              |
| IHU 201HW-FA900  | HONORS COLLOQUY      | Regular     | LCLB      | OTHR     |      | -    |      | 3            | 0   | 1   | 9/14 - 12/18 |
| LIT 246W-FA900   | BIBLICAL LIT NEW     | Regular     | LCLB      | OTHR     |      | -    |      | 3            | 0   | 1   | 8/30 - 12/13 |
| MGT 153W-FA900   | INTRO TO BUSINESS    | Regular     | LCLB      | OTHR     |      | -    |      | 3            | 0   | 1   | 8/27 - 12/18 |
| <u>Note: For technology requirements, please see instructor on first day of class.</u>   |                      |             |           |          |      |      |      |              |     |     |              |
| MTH 264-FA900  | DIFFERNTL EQUATIONS  | Regular     | LCLB      | OTHR     |      | -    |      | 3            | 0   | 1   | 9/7 - 12/18  |
| <u>Note: USB memory device required.</u>   |                      |             |           |          |      |      |      |              |     |     |              |
| DRF 257-FA901  | ADV MECH DESIGN      | Regular     | LCLB      | DLTA     |      | -    |      | 4            | 0   | 1   | 8/27 - 12/16 |
| DRF 257-FA902  | ADV MECH DESIGN      | Regular     | LCLB      | OTHR     |      | -    |      | 4            | 0   | 1   | 8/29 - 12/12 |
| DRF 257-FA903  | ADV MECH DESIGN      | Regular     | LCLB      | OTHR     |      | -    |      | 4            | 0   | 1   | 9/8 - 12/16  |
| FST 280W-FA902   | CO OFFICER 1/11      | Regular     | LCLB      | DLTA     |      | -    |      | 4            | 0   | 1   | 9/7 - 12/12  |
| FST 280W-FA903   | CO OFFICER 1/11      | Regular     | LCLB      | OTHR     |      | -    |      | 4            | 0   | 1   | 9/6 - 12/12  |
| FST 280W-FA905   | CO OFFICER 1/11      | Regular     | LCLB      | OTHR     |      | -    |      | 4            | 0   | 1   | 9/9 - 12/12  |
| FST 280W-FA906   | CO OFFICER 1/11      | Regular     | LCLB      | OTHR     |      | -    |      | 4            | 0   | 1   | 9/6 - 12/12  |
| GE 211-FA900   | GERMAN THREE         | Regular     | LCLB      | OTHR     |      | -    |      | 4            | 0   | 2   | 9/7 - 12/15  |
| GLG 111-FA900  | PHYSICAL GEOLOGY     | Regular     | LCLB      | OTHR     |      | -    |      | 4            | 0   | 1   | 9/2 - 12/14  |
| GLG 130-FA120  | ENVIRON GEOLOGY      | Regular     | LCLB      | OTHR     |      | -    |      | 4            | 0   | 0   | 8/29 - 12/19 |
| GLG 130-FA901  | ENVIRON GEOLOGY      | Regular     | LCLB      | OTHR     |      | -    |      | 4            | 0   | 1   | 9/7 - 12/16  |
| LWT 240-FA240  | PERSONAL TRAINER     | Regular     | LCLB      | OTHR     |      | -    |      | 4            | 0   | 1   | 9/7 - 12/15  |
| LWT 240-FA900  | HEALTH FITNESS INST  | Regular     | LCLB      | OTHR     |      | -    |      | 4            | 0   | 1   | 9/8 - 12/15  |
| PHL 221-FA900  | LOGIC                | Regular     | LCLB      | OTHR     |      | -    |      | 4            | 0   | 1   | 8/30 - 12/13 |
| SKCN 216-FA901   | CNC MACHINING APP    | Regular     | LCLB      | OTHR     |      | -    |      | 4            | 0   | 1   | 8/29 - 12/12 |
| SKPT 101-FA901   | INDUSTRIAL PIPING    | Regular     | LCLB      | OTHR     |      | -    |      | 4            | 0   | 1   | 9/6 - 12/15  |
| SKPT 101-FA902   | INDUSTRIAL PIPING    | Regular     | LCLB      | OTHR     |      | -    |      | 4            | 0   | 1   | 9/8 - 12/16  |
| MS 230-FA900   | MACHINE TOOLS III    | Regular     | LCLB      | OTHR     |      | -    |      | 6            | 0   | 1   | 8/27 - 12/18 |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Internship/Practica

| Section Name   | Title               | Term Length | Inst Meth | Location | Days  | Time           | Room | Credit Hours | Cap | Enr | Dates         |
|--|---------------------|-------------|-----------|----------|-------|----------------|------|--------------|-----|-----|---------------|
| ACE 285W-FA902   | INTRSH P DSGN TECH  | Compressed  | LCLB      | OTHR     |       | -              |      | 1            | 1   | 1   | 10/6 - 12/18  |
| ENG 260W-FA900   | WRT CTR PRACTICUM   | Compressed  | LCLB      | OTHR     |       | -              |      | 1            | 0   | 1   | 9/19 - 12/18  |
| <u>Note: Requires permission of instructor</u>   |                     |             |           |          |       |                |      |              |     |     |               |
| LSP 260-FA900  | LEGAL INTERN I      | Compressed  | LCLB      | OTHR     |       | -              |      | 1            | 0   | 1   | 10/20 - 12/16 |
| MUS 173-FA901  | APPLD MUS INSTR MN  | Compressed  | LCLB      | OTHR     |       | -              | TBA  | 1            | 0   | 0   | 9/13 - 12/17  |
| MUS 183-FA901  | APPLD MUS INSTR MAJ | Compressed  | LCLB      | OTHR     |       | -              | TBA  | 2            | 0   | 0   | 9/12 - 12/14  |
| MUS 283-FA900  | APPLD MUS INSTR MAJ | Compressed  | LCLB      | OTHR     |       | -              | TBA  | 2            | 1   | 0   | 9/20 - 12/14  |
| <u>Note: Permission to register for this course must be obtained through the Cooperative Education Office, A008 (West Courtyard Level). This course is an on-site work experience.</u> |                     |             |           |          |       |                |      |              |     |     |               |
| OAT 166W-FA110   | OFFICE INTERN       | Compressed  | LCLB      | DLTA     | T     | 8:00A - 10:55A | D135 | 3            | 30  | 2   | 9/20 - 10/18  |
| OAT 166W-FA120   | OFFICE INTERN       | Compressed  | LCLB      | DLTA     | F     | 8:00A - 10:55A | J135 | 3            | 30  | 2   | 11/4 - 12/9   |
| PTA 214W-FA110   | PTA CLINIC 2        | Compressed  | LCLB      | DLTA     |       | -              | TBA  | 3            | 20  | 18  | 11/14 - 12/14 |
| RT 126-FA901   | CLINICAL ED I       | Compressed  | LCLB      | DLTA     |       | -              | TBA  | 3            | 15  | 17  | 11/10 - 12/16 |
| <u>Note: A Master Schedule will be provided prior to Clinical.</u>   |                     |             |           |          |       |                |      |              |     |     |               |
| LWT 260-FA900  | HEALTH FITNESS EXPR | Compressed  | LCLB      | OTHR     |       | -              |      | 5            | 0   | 1   | 9/25 - 12/18  |
| DMS 206W-FA910   | CLINICAL SEMINAR II | Regular     | LCLB      | DLTA     |       | -              | TBA  | 0.5          | 7   | 7   | 8/29 - 12/16  |
| DMS 206W-FA920   | CLINICAL SEMINAR II | Regular     | LCLB      | DLTA     |       | -              | TBA  | 0.5          | 7   | 5   | 8/29 - 12/16  |
| ACE 285W-FA901   | INTRSH P DSGN TECH  | Regular     | LCLB      | OTHR     |       | -              |      | 1            |     | 2   | 8/27 - 12/18  |
| <u>Note: Contact &lt;a href=mailto:ljmenger@delta.edu&gt;Linda Menger&lt;/a&gt;, S-236, 686-9453.</u>  |                     |             |           |          |       |                |      |              |     |     |               |
| ART 262-FA901  | ART INTERNSHIP I    | Regular     | LCLB      | OTHR     |       | -              | TBA  | 1            | 3   | 1   | 8/29 - 12/16  |
| <u>Note: By arrangement with Jim Gleason 686-9473.</u>   |                     |             |           |          |       |                |      |              |     |     |               |
| EMB 281-FA901  | EMB INTERNSHIP I    | Regular     | LCLB      | OTHR     |       | -              | TBA  | 1            | 0   | 1   | 8/29 - 12/16  |
| <u>Note: Requires permission of instructor</u>   |                     |             |           |          |       |                |      |              |     |     |               |
| LSP 260-FA910  | LEGAL INTERN I      | Regular     | LCLB      | OTHR     |       | -              | TBA  | 1            | 0   | 0   | 8/29 - 12/17  |
| ACE 292-FA900  | INTERNSHIP CST      | Regular     | LCLB      | OTHR     |       | -              |      | 2            | 0   | 1   | 8/27 - 12/18  |
| AGM 143-FA110  | DEALER WORK EXP II  | Regular     | LCLB      | DLTA     |       | -              |      | 2            | 8   | 8   | 8/29 - 12/16  |
| <u>Note: By arrangement with Jim Gleason 686-9473.</u>   |                     |             |           |          |       |                |      |              |     |     |               |
| EMB 282-FA901  | EMB INTERNSHIP II   | Regular     | LCLB      | OTHR     |       | -              | TBA  | 2            | 0   | 0   | 8/29 - 12/17  |
| <u>Note: Contact Tom Bennett 686-9580.</u>   |                     |             |           |          |       |                |      |              |     |     |               |
| EMB 284-FA901  | PUBLIC BRT PRACTICM | Regular     | LCLB      | DLTA     | T     | -              | A035 | 2            | 0   | 5   | 8/30 - 12/15  |
| <u>Note: Contact Tom Bennett 686-9580.</u>   |                     |             |           |          |       |                |      |              |     |     |               |
| EMB 285-FA901  | PUBLIC BRT PRACTICM | Regular     | LCLB      | DLTA     | T     | -              | A035 | 2            | 0   | 0   | 8/29 - 12/17  |
| MUS 183-FA900  | APPLD MUS INSTR MAJ | Regular     | LCLB      | OTHR     |       | -              | TBA  | 2            | 0   | 0   | 8/31 - 12/18  |
| <u>Note: Permission of instructor required. Contact &lt;a href=mailto:mgwalls@delta.edu&gt;Scottie Walls&lt;/a&gt; 686-9431, Room G-111.</u>   |                     |             |           |          |       |                |      |              |     |     |               |
| CJ 280W-FA910  | INTERNSHP CRIM JUST | Regular     | LCLB      | OTHR     |       | -              |      | 3            | 1   | 0   | 8/27 - 12/16  |
| <u>Note: By arrangement with Jim Gleason 686-9473.</u>   |                     |             |           |          |       |                |      |              |     |     |               |
| EMB 283-FA901  | EMB INTERNSHIP 3    | Regular     | LCLB      | OTHR     |       | -              | TBA  | 3            | 0   | 0   | 8/29 - 12/17  |
| LSP 262-FA900  | LEGL INTERN III     | Regular     |           | DLTA     |       | -              |      | 3            | 1   | 1   | -             |
| DMS 207-FA901  | CLINICAL ED II      | Regular     | LCLB      | OTHR     | TWRF  | -              | TBA  | 5            | 14  | 12  | 8/29 - 12/16  |
|  |                     | Regular     | LCLB      | OTHR     |       | -              | TBA  | 5            |     |     | 8/29 - 12/16  |
| <u>Note: LAB COURSE: Must also register for theory section. Involves 12 hour clinical assignments. Agency orientation required.</u>  |                     |             |           |          |       |                |      |              |     |     |               |
| NUR 250LW-FA110  | NSG CARE/MGMT L     | Regular     | LCLB      | OTHR     | MTWRF | 7:00A - 7:30P  | COVC | 5            | 6   | 7   | 8/30 - 12/16  |
|  |                     | Regular     |           | OTHR     |       | -              |      | 5            |     |     | -             |
| NUR 250LW-FA120  | NSG CARE/MGMT L     | Regular     | LCLB      | OTHR     | MTWRF | 7:00A - 7:30P  | SMAR | 5            | 12  | 12  | 8/30 - 12/16  |
| NUR 250LW-FA130  | NSG CARE/MGMT L     | Regular     | LCLB      | OTHR     | MTWRF | 7:00A - 7:30P  | COVH | 5            | 10  | 9   | 8/30 - 12/16  |
| NUR 250LW-FA140  | NSG CARE/MGMT L     | Regular     | LCLB      | OTHR     | MTWRF | 7:00A - 7:30P  | BMED | 5            | 5   | 6   | 8/30 - 12/16  |
|  |                     | Regular     |           | OTHR     |       | -              |      | 5            |     |     | -             |
| NUR 250LW-FA150  | NSG CARE/MGMT L     | Regular     | LCLB      | OTHR     | SN    | 7:00A - 7:30P  | COVC | 5            | 3   | 3   | 8/30 - 12/16  |
|  |                     | Regular     | LN2       | OTHR     | MTWRF | 7:00A - 7:30P  | COVC | 5            |     |     | 8/30 - 12/16  |



# Delta College Fall 2011 Academic Class Schedule

August 27, 2011 - December 18, 2011

## Course Format - Internship/Practica

| Section Name  | Title           | Term Length | Inst Meth | Location | Days  | Time          | Room | Credit Hours | Cap | Enr | Dates        |
|---|-----------------|-------------|-----------|----------|-------|---------------|------|--------------|-----|-----|--------------|
| NUR 250LW-FA160   | NSG CARE/MGMT L | Regular     | LCLB      | OTHR     | MTWRF | 7:00A - 7:30P | MHSP | 5            | 3   | 2   | 8/30 - 12/16 |
| RT 226-FA901  | CLINICAL ED III | Regular     | LCLB      | DLTA     |       | -             | TBA  | 6            | 15  | 13  | 8/29 - 12/14 |
| Note: A Master Schedule will be provided prior to Clinical. |                 |             |           |          |       |               |      |              |     |     |              |
| <u>Note: Obtain schedule from instructor.</u>               |                 |             |           |          |       |               |      |              |     |     |              |
| RAD 220-FA901   | CLINICAL EDUC 3 | Regular     | LCLB      | OTHR     |       | -             | SMAR | 7            | 4   | 4   | 9/3 - 12/16  |
| RAD 220-FA902   | CLINICAL EDUC 3 | Regular     | LCLB      | OTHR     |       | -             | BMED | 7            | 4   | 2   | 9/3 - 12/16  |
| RAD 220-FA903   | CLINICAL EDUC 3 | Regular     | LCLB      | OTHR     |       | -             | MHSP | 7            | 3   | 3   | 9/3 - 12/16  |
| RAD 220-FA904   | CLINICAL EDUC 3 | Regular     | LCLB      | OTHR     |       | -             | COVH | 7            | 6   | 4   | 9/3 - 12/16  |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name  | Title                | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|---|----------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| CST 093-WN110   | BEGINNING INTERNET   | Compressed  | LCLB      | DLTA     | TR   | 12:30P - 1:55P  | K107 | 0.5          | 18  | 15  | 2/21 - 3/15 |
| CST 093-WN120   | BEGINNING INTERNET   | Compressed  | LCLB      | RICK     | MW   | 3:30P - 4:55P   | 141  | 0.5          | 18  | 18  | 3/12 - 3/28 |
| CST 094-WN110   | BEGIN COMP APPLIC    | Compressed  | LCLB      | DLTA     | TR   | 12:30P - 1:55P  | K107 | 0.5          | 18  | 11  | 3/20 - 4/5  |
| CST 094-WN120   | BEGIN COMP APPLIC    | Compressed  | LCLB      | RICK     | MW   | 3:30P - 4:55P   | 141  | 0.5          | 18  | 14  | 4/2 - 4/18  |
| LWA 206B-WN130  | OCCUPATION WELLNE    | Compressed  | LCLB      | DLTA     | M    | 2:00P - 3:55P   | P121 | 0.5          | 20  | 15  | 1/9 - 2/27  |
| Note: This section reserved for Radiology Students  |                      |             |           |          |      |                 |      |              |     |     |             |
| ABS 200W-WN310  | CAREER DECISION MKG  | Compressed  | LCLB      | DLTA     | R    | 7:00P - 8:55P   | S054 | 1            | 21  | 17  | 1/12 - 2/23 |
| ABS 200W-WN340  | CAREER DECISION MKG  | Compressed  | LCLB      | RICK     | M    | 4:30P - 6:55P   | 114  | 1            | 21  | 12  | 3/19 - 4/23 |
| ABS 201W-WN310  | EMPLOYABILITY SKILLS | Compressed  | LCLB      | DLTA     | M    | 7:00P - 9:05P   | A122 | 1            | 21  | 12  | 3/19 - 4/23 |
| ASL 113-WN110   | FINGERSPELLING A     | Compressed  | LCLB      | DLTA     | T    | 8:30A - 10:40A  | S261 | 1            | 10  | 14  | 1/10 - 2/21 |
| ASL 113-WN120   | FINGERSPELLING A     | Compressed  | LCLB      | DLTA     | R    | 6:00P - 8:10P   | S228 | 1            | 10  | 6   | 1/12 - 2/23 |
| ASL 114-WN110   | FINGERSPELLING B     | Compressed  | LCLB      | DLTA     | T    | 8:30A - 10:40A  | S261 | 1            | 10  | 10  | 3/13 - 4/24 |
| ASL 114-WN120   | FINGERSPELLING B     | Compressed  | LCLB      | DLTA     | R    | 6:00P - 8:10P   | S228 | 1            | 10  | 5   | 3/15 - 4/26 |
| BIO 117-WN410   | BIRDS OF MICHIGAN    | Compressed  | LCLB      | DLTA     |      | -               |      | 1            | 12  | 13  | 3/23 - 3/25 |
| Note: This class meets Friday afternoon, Saturday and Sunday. Orientation is Friday 03/23/2012 4PM-7PM in room C123. The weekend field work begins at the campus, students meet Saturday 08:00AM-04:55PM and Sunday 08:00AM - 03:55PM, Cost of transportation will be \$15/student for travel in the tri-county area. Note: This is a field class that will travel around the Saginaw/Bay region and requires walking on and off trails and pathways. For more information contact: Wendy Baker at686-9306. wjbaker@delta.edu |                      |             |           |          |      |                 |      |              |     |     |             |
| CST 091-WN110   | BEGINNING COMPUTER   | Compressed  | LCLB      | DLTA     | TR   | 12:30P - 1:55P  | K107 | 1            | 18  | 13  | 1/10 - 2/16 |
| CST 091-WN120   | BEGINNING COMPUTER   | Compressed  | LCLB      | RICK     | MW   | 3:30P - 4:55P   | 141  | 1            | 18  | 21  | 1/23 - 2/29 |
| Note: Required software is Windows 7 and Office 2010.   |                      |             |           |          |      |                 |      |              |     |     |             |
| CST 103-WN110   | WINDOWS FOUNDATIONS  | Compressed  | LCLB      | DLTA     | T    | 8:00A - 9:50A   | A123 | 1            | 18  | 13  | 1/10 - 2/28 |
| CST 103-WN120   | WINDOWS FOUNDATIONS  | Compressed  | LCLB      | DLTA     | F    | 10:00A - 11:50A | A123 | 1            | 18  | 13  | 1/13 - 3/2  |
| CST 103-WN130   | WINDOWS FOUNDATIONS  | Compressed  | LCLB      | DLTA     | W    | 12:00P - 1:50P  | A123 | 1            | 18  | 15  | 1/11 - 2/29 |
| CST 103-WN140   | WINDOWS FOUNDATIONS  | Compressed  | LCLB      | DLTA     | M    | 3:00P - 4:50P   | A123 | 1            | 18  | 17  | 1/9 - 2/27  |
| CST 103-WN210   | WINDOWS FOUNDATIONS  | Compressed  | LCLB      | DLTA     | R    | 4:00P - 5:50P   | A123 | 1            | 18  | 13  | 1/12 - 3/1  |
| CST 103-WN220   | WINDOWS FOUNDATIONS  | Compressed  | LCLB      | DLTA     | T    | 4:00P - 5:55P   | A123 | 1            | 18  | 13  | 3/13 - 4/24 |
| CST 103-WN310   | WINDOWS FOUNDATIONS  | Compressed  | LCLB      | DLTA     | R    | 6:00P - 7:50P   | A123 | 1            | 18  | 14  | 1/12 - 3/1  |
| Note: Required software is Word 2010.   |                      |             |           |          |      |                 |      |              |     |     |             |
| CST 104-WN110   | MS WORD FOUNDATIONS  | Compressed  | LCLB      | DLTA     | M    | 10:00A - 12:00P | K104 | 1            | 18  | 13  | 1/9 - 2/20  |
| Note: Required software is Outlook 2010.  |                      |             |           |          |      |                 |      |              |     |     |             |
| CST 105-WN110   | OUTLOOK              | Compressed  | LCLB      | DLTA     | R    | 11:00A - 12:50P | K109 | 1            | 18  | 16  | 1/12 - 3/1  |
| CST 106-WN110   | INTERNET FOUNDATION  | Compressed  | LCLB      | DLTA     | T    | 12:00P - 2:00P  | A123 | 1            | 18  | 17  | 1/10 - 2/21 |
| Note: Required software is Publisher 2010.  |                      |             |           |          |      |                 |      |              |     |     |             |
| CST 107-WN210   | MS PUBLISHER         | Compressed  | LCLB      | DLTA     | W    | 5:00P - 6:50P   | K114 | 1            | 18  | 9   | 2/29 - 4/25 |
| CST 110-WN110   | WEB PAGE HTML        | Compressed  | LCLB      | DLTA     | T    | 12:00P - 1:50P  | A123 | 1            | 18  | 18  | 2/28 - 4/24 |
| CST 110-WN120   | WEB PAGE HTML        | Compressed  | LCLB      | RICK     | W    | 12:00P - 1:50P  | 141  | 1            | 18  | 11  | 2/29 - 4/25 |
| CST 110-WN310   | WEB PAGE HTML        | Compressed  | LCLB      | DCMC     | T    | 6:00P - 8:00P   | 201  | 1            | 18  | 14  | 3/13 - 4/24 |
| CST 120-WN310   | COMMAND LINE(DOS)    | Compressed  | LCLB      | DLTA     | W    | 7:00P - 8:50P   | K114 | 1            | 18  | 15  | 1/11 - 2/29 |
| Note: Required software is Windows 7 and Office 2010.   |                      |             |           |          |      |                 |      |              |     |     |             |
| CST 123-WN110   | WINDOWS OS           | Compressed  | LCLB      | DLTA     | F    | 10:00A - 12:00P | A123 | 1            | 18  | 15  | 3/16 - 4/27 |
| CST 123-WN130   | WINDOWS OS           | Compressed  | LCLB      | DLTA     | W    | 12:00P - 2:00P  | A123 | 1            | 18  | 15  | 3/14 - 4/25 |
| CST 123-WN310   | WINDOWS OS           | Compressed  | LCLB      | DLTA     | R    | 6:00P - 8:00P   | A123 | 1            | 18  | 11  | 3/15 - 4/26 |
| CST 135-WN110   | HELP DESK FUNDAMNT   | Compressed  | LCLB      | DLTA     | W    | 2:00P - 3:50P   | J138 | 1            | 18  | 14  | 1/11 - 2/29 |
| CST 135-WN120   | HELP DESK FUNDAMNT   | Compressed  | LCLB      | DLTA     | R    | 2:00P - 3:50P   | J138 | 1            | 18  | 12  | 3/1 - 4/26  |
| CST 170-WN110   | COMPUTER PROGRAM I   | Compressed  | LCLB      | DLTA     | T    | 9:00A - 10:50A  | K114 | 1            | 18  | 19  | 1/10 - 2/28 |
| CST 170-WN310   | COMPUTER PROGRAM I   | Compressed  | LCLB      | DCPL     | R    | 6:30P - 8:30P   | 117  | 1            | 18  | 15  | 1/12 - 2/23 |
| CST 177-WN110   | COMPUTER PROGRAM II  | Compressed  | LCLB      | DLTA     | T    | 9:00A - 11:00A  | K114 | 1            | 18  | 15  | 3/13 - 4/24 |
| CST 177-WN310   | COMPUTER PROGRAM II  | Compressed  | LCLB      | DCPL     | R    | 6:30P - 8:20P   | 117  | 1            | 18  | 16  | 3/1 - 4/26  |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name  | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|---|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| CST 258-WN310   | INTRO TO SQL        | Compressed  | LCLB      | DLTA     | R    | 7:00P - 9:00P   | K107 | 1            | 18  | 17  | 3/15 - 4/26 |
| <u>Note: Class does not meet every date. See course syllabus for schedule.</u>  |                     |             |           |          |      |                 |      |              |     |     |             |
| DH 100-WN310  | DENT HYG PROF       | Compressed  | LCLB      | DLTA     | M    | 6:00P - 7:55P   | F135 | 1            | 20  | 19  | 1/9 - 2/20  |
| EGR 100-WN110   | CAREERS-ENGINEERING | Compressed  | LCLB      | DLTA     | M    | 2:00P - 4:00P   | L114 | 1            | 18  | 17  | 1/9 - 2/20  |
| ENV 130W-WN310  | POLLUTION PREVENTN  | Compressed  | LCLB      | DLTA     | M    | 6:00P - 7:55P   | C132 | 1            | 20  | 19  | 1/9 - 2/27  |
| This is a 7 1/2 week course that requires a pollution prevention audit to be conducted during the course. A <a href="http://www.delta.edu/pages/10924.aspx">Sustain ability RelatedCourse</a> . |                     |             |           |          |      |                 |      |              |     |     |             |
| HSC 210-WN210   | MED OFFICE PHARM    | Compressed  | LCLB      | DLTA     | M    | 5:00P - 7:10P   | S055 | 1            | 20  | 12  | 1/9 - 2/20  |
| LW 206A-WN110   | OCCUPATION WELLNESS | Compressed  | LCLB      | DLTA     | T    | 2:00P - 3:25P   | F001 | 1            | 18  | 11  | 1/10 - 3/20 |
| Note: Reserved for DMS students only  |                     |             |           |          |      |                 |      |              |     |     |             |
| LW 206A-WN120   | OCCUPATION WELLNESS | Compressed  | LCLB      | DLTA     | F    | 12:00P - 1:55P  | P110 | 1            | 18  | 16  | 1/13 - 3/2  |
| Note: Reserved for Dental Hygiene students only   |                     |             |           |          |      |                 |      |              |     |     |             |
| <u>Note: Text book and Course packet REQUIRED on first class meeting.</u>   |                     |             |           |          |      |                 |      |              |     |     |             |
| LW 220W-WN102   | LIFELONG WELLNESS   | Compressed  | LCLB      | RICK     | F    | 8:30A - 9:55A   | 115  | 1            | 20  | 14  | 1/13 - 3/23 |
| LW 220W-WN106   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | T    | 9:30A - 10:55A  | F002 | 1            | 20  | 19  | 1/10 - 3/20 |
| LW 220W-WN108   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | M    | 10:00A - 11:55A | F007 | 1            | 20  | 17  | 3/12 - 4/23 |
| LW 220W-WN110   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | M    | 10:00A - 11:55A | F007 | 1            | 20  | 21  | 1/9 - 2/27  |
| LW 220W-WN116   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | W    | 10:00A - 11:55A | F007 | 1            | 20  | 18  | 3/14 - 4/25 |
| LW 220W-WN118   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | W    | 10:00A - 11:55A | F007 | 1            | 20  | 25  | 1/11 - 2/29 |
| LW 220W-WN122   | LIFELONG WELLNESS   | Compressed  | LCLB      | DCPL     | F    | 1:30P - 3:25P   | 212  | 1            | 20  | 21  | 1/13 - 2/24 |
| LW 220W-WN124   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | R    | 11:00A - 12:25P | F003 | 1            | 20  | 19  | 1/12 - 3/22 |
| LW 220W-WN128   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | F    | 10:00A - 11:55A | F004 | 1            | 20  | 21  | 1/13 - 2/24 |
| LW 220W-WN130   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | F    | 10:00A - 11:55A | F003 | 1            | 20  | 20  | 3/2 - 4/27  |
| LW 220W-WN132   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | W    | 10:00A - 11:55A | F244 | 1            | 20  | 17  | 3/14 - 4/25 |
| LW 220W-WN134   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | T    | 12:30P - 1:55P  | S054 | 1            | 20  | 20  | 1/10 - 3/20 |
| LW 220W-WN140   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | R    | 2:00P - 3:25P   | N208 | 1            | 20  | 18  | 1/12 - 3/22 |
| LW 220W-WN142   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | T    | 2:00P - 3:55P   | F002 | 1            | 20  | 19  | 3/13 - 4/24 |
| LW 220W-WN144   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | T    | 2:00P - 3:55P   | F002 | 1            | 20  | 20  | 1/10 - 2/21 |
| LW 220W-WN146   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | T    | 2:00P - 3:25P   | F003 | 1            | 20  | 18  | 1/10 - 3/27 |
| LW 220W-WN210   | LIFELONG WELLNESS   | Compressed  | LCLB      | DCMC     | T    | 4:00P - 5:55P   | 105  | 1            | 20  | 16  | 1/10 - 2/21 |
| LW 220W-WN220   | LIFELONG WELLNESS   | Compressed  | LCLB      | DCMC     | T    | 4:00P - 5:55P   | 105  | 1            | 20  | 14  | 2/28 - 4/24 |
| LW 220W-WN244   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | T    | 11:00A - 12:55P | F250 | 1            | 20  | 21  | 1/10 - 2/21 |
| LW 220W-WN246   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | T    | 11:00A - 12:55P | F241 | 1            | 20  | 19  | 2/28 - 4/24 |
| LW 220W-WN248   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | R    | 11:00A - 12:55P | S220 | 1            | 20  | 20  | 1/12 - 2/23 |
| LW 220W-WN250   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | R    | 11:00A - 12:55P | S220 | 1            | 20  | 20  | 3/1 - 4/26  |
| LW 220W-WN254   | LIFELONG WELLNESS   | Compressed  | LCLB      | DCMC     | M    | 10:00A - 11:55A | 156  | 1            | 20  | 20  | 1/9 - 2/27  |
| LW 220W-WN262   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | T    | 9:00A - 10:55A  | F241 | 1            | 20  | 18  | 2/28 - 4/24 |
| LW 220W-WN310   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | M    | 5:00P - 6:55P   | F007 | 1            | 20  | 19  | 1/9 - 2/27  |
| LW 220W-WN340   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | T    | 7:00P - 8:55P   | E114 | 1            | 20  | 20  | 1/10 - 2/21 |
| LW 220W-WN342   | LIFELONG WELLNESS   | Compressed  | LCLB      | DLTA     | T    | 7:00P - 8:55P   | E112 | 1            | 20  | 20  | 2/28 - 4/24 |
| <u>Note: Course packet REQUIRED on first class meeting.</u>   |                     |             |           |          |      |                 |      |              |     |     |             |
| LWA 101-WN110   | FITNESS FOR LIFE    | Compressed  | LCLB      | DLTA     | TR   | 9:00A - 9:45A   | E114 | 1            | 24  | 21  | 1/10 - 2/28 |
|   |                     | Compressed  | LN2       | DLTA     | TR   | 9:45A - 10:55A  | P120 | 1            |     |     | 1/10 - 2/28 |
| LWA 101-WN130   | FITNESS FOR LIFE    | Compressed  | LCLB      | RICK     | MW   | 2:00P - 3:25P   | 114  | 1            | 24  | 21  | 1/9 - 3/21  |
| LWA 105-WN135   | WOMENS FITNESS      | Compressed  | LCLB      | DLTA     | MW   | 8:00A - 9:55A   | P209 | 1            | 20  | 18  | 1/9 - 2/27  |
| <u>Note: Course packet REQUIRED on first class meeting.</u>   |                     |             |           |          |      |                 |      |              |     |     |             |
| LWA 106-WN110   | ATHLET CONDITIONING | Compressed  | LCLB      | DLTA     | TR   | 11:00A - 12:55P | P210 | 1            | 20  | 15  | 1/10 - 2/28 |
| <u>Note: Course packet REQUIRED on first class meeting.</u>   |                     |             |           |          |      |                 |      |              |     |     |             |
| LWA 108-WN110   | WEIGHT TRAINING     | Compressed  | LCLB      | DLTA     | MW   | 10:00A - 11:55A | P121 | 1            | 24  | 20  | 1/9 - 2/27  |
| LWA 108-WN120   | WEIGHT TRAINING     | Compressed  | LCLB      | DLTA     | MW   | 12:00P - 12:45P | F002 | 1            | 24  | 22  | 2/29 - 4/25 |
|   |                     | Compressed  | LN2       | DLTA     | MW   | 12:45P - 1:55P  | P121 | 1            |     |     | 2/29 - 4/25 |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name   | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|--|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| LWA 108-WN130  | WEIGHT TRAINING     | Compressed  | LCLB      | DLTA     | MW   | 12:00P - 12:45P | F004 | 1            | 24  | 18  | 1/9 - 2/27  |
|  |                     | Compressed  | LN2       | DLTA     | MW   | 12:45P - 1:55P  | P121 | 1            |     |     | 1/9 - 2/27  |
| LWA 108-WN165  | WEIGHT TRAINING     | Compressed  | LCLB      | DLTA     | TR   | 8:00A - 9:55A   | P211 | 1            | 20  | 19  | 1/10 - 3/1  |
| LWA 109-WN120  | WT TRAINING WOMEN   | Compressed  | LN2       | DLTA     | T    | 2:00P - 3:25P   | P121 | 1            | 24  | 24  | 1/10 - 3/22 |
|  |                     | Compressed  | LCLB      | DLTA     | R    | 2:00P - 3:25P   | P209 | 1            |     |     | 1/10 - 3/22 |
| <u>Note: Course packet REQUIRED on first class meeting.</u>  |                     |             |           |          |      |                 |      |              |     |     |             |
| LWA 110-WN110  | JOGGING             | Compressed  | LCLB      | DLTA     | TR   | 11:00A - 11:45A | F005 | 1            | 20  | 19  | 1/10 - 3/22 |
|  |                     | Compressed  | LN2       | DLTA     | TR   | 11:45A - 12:25P | N211 | 1            |     |     | 1/10 - 3/22 |
| <u>Note: Course packet REQUIRED on first class meeting.</u>  |                     |             |           |          |      |                 |      |              |     |     |             |
| LWA 111-WN110  | CIRCUIT TRAINING    | Compressed  | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | F004 | 1            | 24  | 22  | 1/10 - 2/28 |
| LWA 111-WN120  | CIRCUIT TRAINING    | Compressed  | LCLB      | DLTA     | TR   | 9:00A - 9:45A   | F004 | 1            | 24  | 20  | 3/1 - 4/26  |
|  |                     | Compressed  | LN2       | DLTA     | TR   | 9:45A - 10:55A  | P120 | 1            |     |     | 3/1 - 4/26  |
| LWA 119-WN110  | JUJITSU             | Compressed  | LCLB      | DLTA     | MW   | 2:00P - 3:55P   | N202 | 1            | 16  | 14  | 1/9 - 2/27  |
| LWA 119-WN120  | JUJITSU             | Compressed  | LCLB      | DLTA     | MW   | 2:00P - 3:55P   | N202 | 1            | 16  | 17  | 2/29 - 4/25 |
| <u>Note: Course packet REQUIRED on first class meeting.</u>  |                     |             |           |          |      |                 |      |              |     |     |             |
| LWA 127-WN210  | VOLLEYBALL I        | Compressed  | LCLB      | DLTA     | TR   | 6:00P - 7:55P   | P210 | 1            | 24  | 23  | 3/1 - 4/26  |
| LWA 127-WN320  | VOLLEYBALL I        | Compressed  | LCLB      | DLTA     | MW   | 5:00P - 6:55P   | P210 | 1            | 24  | 21  | 1/9 - 2/27  |
| <u>Note: Course packet REQUIRED on first class meeting. Students MUST also bring acceptable eye protection, racquet, and balls for first class meeting.</u>  |                     |             |           |          |      |                 |      |              |     |     |             |
| LWA 131-WN120  | RACQUETBALL I       | Compressed  | LCLB      | DLTA     | MW   | 10:00A - 11:55A | P205 | 1            | 14  | 12  | 2/29 - 4/25 |
| LWA 150-WN110  | KETTLEBELL TRNG     | Compressed  | LCLB      | DLTA     | TR   | 11:00A - 12:25P | P209 | 1            | 20  | 18  | 1/10 - 3/22 |
| <u>Note: Course packet REQUIRED on first class meeting. All equipment provided.</u>  |                     |             |           |          |      |                 |      |              |     |     |             |
| LWA 151-WN110  | KICK BOXING         | Compressed  | LCLB      | DLTA     | MW   | 10:00A - 11:55A | P209 | 1            | 20  | 19  | 1/9 - 2/27  |
| LWA 151-WN120  | KICK BOXING         | Compressed  | LCLB      | DLTA     | MW   | 2:00P - 3:55P   | P209 | 1            | 20  | 20  | 1/9 - 2/27  |
| LWA 151-WN130  | KICK BOXING         | Compressed  | LCLB      | DLTA     | MW   | 2:00P - 3:55P   | P209 | 1            | 20  | 18  | 2/29 - 4/25 |
| <u>Note: Course packet REQUIRED on first class meeting.</u>  |                     |             |           |          |      |                 |      |              |     |     |             |
| LWA 153-WN310  | DANCE AEROBICS      | Compressed  | LCLB      | DLTA     | TR   | 4:00P - 5:55P   | P211 | 1            | 24  | 23  | 1/10 - 2/28 |
| LWA 154W-WN110   | BOSU BALL TRAINING  | Compressed  | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | P209 | 1            | 15  | 13  | 1/10 - 2/28 |
| <u>Note: Course packet REQUIRED on first class meeting.</u>  |                     |             |           |          |      |                 |      |              |     |     |             |
| LWA 156W-WN110   | STABILITY BALL TRNG | Compressed  | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | P209 | 1            | 18  | 18  | 1/9 - 2/27  |
| LWA 156W-WN120   | STABILITY BALL TRNG | Compressed  | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | P209 | 1            | 18  | 15  | 2/29 - 4/25 |
| <u>Note: Course packet REQUIRED on first class meeting. All equipment provided.</u>  |                     |             |           |          |      |                 |      |              |     |     |             |
| LWA 157-WN310  | STEP AEROBICS       | Compressed  | LCLB      | DLTA     | TR   | 4:00P - 5:55P   | P211 | 1            | 24  | 26  | 3/1 - 4/26  |
| <u>Note: Course packet REQUIRED on first class meeting.</u>  |                     |             |           |          |      |                 |      |              |     |     |             |
| LWA 158-WN120  | PILATES             | Compressed  | LCLB      | DLTA     | MW   | 10:00A - 11:55A | P209 | 1            | 18  | 18  | 2/29 - 4/25 |
| <u>Note: Course packet REQUIRED on first class meeting.</u>  |                     |             |           |          |      |                 |      |              |     |     |             |
| LWA 159-WN110  | FITNESS WALKING     | Compressed  | LCLB      | DLTA     | MW   | 10:00A - 11:25A | F102 | 1            | 24  | 18  | 1/9 - 3/21  |
| LWA 159-WN115  | FITNESS WALKING     | Compressed  | LCLB      | DLTA     | MW   | 8:00A - 9:55A   | F002 | 1            | 24  | 24  | 2/29 - 4/25 |
| LWA 159-WN190  | FITNESS WALKING     | Compressed  | LCLB      | DLTA     | TR   | 11:00A - 12:55P | P205 | 1            | 25  | 23  | 3/1 - 4/26  |
| LWA 172-WN110  | SWIMMING I          | Compressed  | LCLB      | DLTA     | MW   | 2:00P - 3:55P   | P150 | 1            | 10  | 10  | 1/9 - 2/27  |
| LWA 173-WN120  | SWIMMING II         | Compressed  | LCLB      | DLTA     | MW   | 2:00P - 3:55P   | P150 | 1            | 5   | 4   | 1/9 - 2/27  |
| LWA 174-WN120  | SWIMMING III COND   | Compressed  | LCLB      | DLTA     | MW   | 2:00P - 3:55P   | P150 | 1            | 5   | 6   | 1/9 - 2/27  |
| <u>Students MUST HAVE TEXTBOOK AND POCKET MASK OR FACE SHIELD before class meets. Available in Bookstore - BOOKSTORE NOT OPEN ON WEEKENDS. A \$3 American Heart Association fee will be collected before certification card is issued.</u> |                     |             |           |          |      |                 |      |              |     |     |             |
| LWT 170-WN410  | BLS FOR HCP         | Compressed  | LCLB      | DLTA     | SN   | 8:30A - 4:25P   | F001 | 1            | 16  | 12  | 1/28 - 1/29 |
| LWT 170-WN420  | BLS FOR HCP         | Compressed  | LCLB      | DLTA     | SN   | 8:30A - 4:25P   | F001 | 1            | 16  | 9   | 3/17 - 3/18 |
| LWT 170-WN430  | BLS FOR HCP         | Compressed  | LCLB      | DLTA     | SN   | 8:30A - 4:25P   | F001 | 1            | 16  | 10  | 3/24 - 3/25 |
| This class meets Saturday and Sunday on the dates listed.  |                     |             |           |          |      |                 |      |              |     |     |             |
| LWT 186-WN210  | WOM SELF DEFENSE    | Compressed  | LCLB      | DLTA     | M    | 5:00P - 6:55P   | P209 | 1            | 20  | 16  | 3/12 - 4/23 |
| LWT 186-WN220  | WOM SELF DEFENSE    | Compressed  | LCLB      | DLTA     | T    | 6:00P - 7:55P   | P209 | 1            | 20  | 16  | 1/10 - 2/28 |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name   | Title                  | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|--|------------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| <u>Note - NT 160LW: Sections will be assigned by the Nursing Discipline following registration for clinical entry.</u>   |                        |             |           |          |      |                 |      |              |     |     |             |
| NT 160LW-WN110   | TRN SKILL/CONCEPT L    | Compressed  | LCLB      | OTHR     | TW   | 6:30A - 4:30P   | COVH | 1            | 10  | 4   | 4/17 - 4/25 |
| <u>Note NT-160W: Sections will be assigned by the Nursing Discipline following registration for clinical entry.</u>  |                        |             |           |          |      |                 |      |              |     |     |             |
| NT 160W-WN110  | TRANS SKILL/CONCEPT    | Compressed  | LCLB      | DLTA     | TW   | 8:00A - 4:00P   | F250 | 1            | 10  | 4   | 4/10 - 4/11 |
| <u>Note: LAB COURSE: Must also register for theory section.</u>  |                        |             |           |          |      |                 |      |              |     |     |             |
| NUR 115LW-WN110  | MATERNITY NSG LAB      | Compressed  | LCLB      | OTHR     | M    | 6:30A - 2:30P   | COVH | 1            | 10  | 10  | 1/23 - 1/23 |
|  |                        | Compressed  | LN2       | OTHR     | T    | 6:30A - 2:30P   | COVH | 1            |     |     | 1/31 - 1/31 |
|  |                        | Compressed  | LCLB      | OTHR     | W    | 6:30A - 2:30P   | COVH | 1            |     |     | 2/1 - 2/8   |
| NUR 115LW-WN120  | MATERNITY NSG LAB      | Compressed  | LCLB      | OTHR     | M    | 1:30P - 9:30P   | COVH | 1            | 10  | 10  | 1/23 - 1/23 |
|  |                        | Compressed  | LN2       | OTHR     | T    | 1:30P - 9:30P   | COVH | 1            |     |     | 1/31 - 1/31 |
|  |                        | Compressed  | LCLB      | OTHR     | W    | 1:30P - 9:30P   | COVH | 1            |     |     | 2/1 - 2/8   |
| NUR 115LW-WN130  | MATERNITY NSG LAB      | Compressed  | LCLB      | OTHR     | M    | 6:30A - 2:30P   | COVH | 1            | 10  | 9   | 3/12 - 3/19 |
|  |                        | Compressed  | LN2       | OTHR     | T    | 6:30A - 2:30P   | COVH | 1            |     |     | 3/13 - 3/20 |
|  |                        | Compressed  | LCLB      | OTHR     | W    | 6:30A - 2:30P   | COVH | 1            |     |     | 3/14 - 3/14 |
| NUR 115LW-WN140  | MATERNITY NSG LAB      | Compressed  | LCLB      | OTHR     | M    | 1:30P - 9:30P   | COVH | 1            | 10  | 9   | 3/12 - 3/19 |
|  |                        | Compressed  | LN2       | OTHR     | T    | 1:30P - 9:30P   | COVH | 1            |     |     | 3/13 - 3/20 |
|  |                        | Compressed  | LCLB      | OTHR     | W    | 1:30P - 9:30P   | COVH | 1            |     |     | 3/14 - 3/14 |
| NUR 115LW-WN150  | MATERNITY NSG LAB      | Compressed  | LCLB      | OTHR     | M    | 6:30A - 2:30P   | COVH | 1            | 10  | 10  | 4/16 - 4/23 |
|  |                        | Compressed  | LN2       | OTHR     | T    | 6:30A - 2:30P   | COVH | 1            |     |     | 4/17 - 4/24 |
|  |                        | Compressed  | LCLB      | OTHR     | W    | 6:30A - 2:30P   | COVH | 1            |     |     | 4/18 - 4/18 |
| NUR 115LW-WN160  | MATERNITY NSG LAB      | Compressed  | LCLB      | OTHR     | M    | 1:30P - 9:30P   | COVH | 1            | 10  | 9   | 4/16 - 4/23 |
|  |                        | Compressed  | LN2       | OTHR     | T    | 1:30P - 9:30P   | COVH | 1            |     |     | 4/17 - 4/24 |
|  |                        | Compressed  | LCLB      | OTHR     | W    | 1:30P - 9:30P   | COVH | 1            |     |     | 4/18 - 4/18 |
| <u>Note: LAB COURSE: Must also register for theory section.</u>  |                        |             |           |          |      |                 |      |              |     |     |             |
| NUR 116LW-WN110  | PEDIATRIC NSG LAB      | Compressed  | LCLB      | OTHR     | RF   | 6:30A - 12:30P  | COVH | 1            | 10  | 8   | 1/11 - 2/8  |
| NUR 116LW-WN120  | PEDIATRIC NSG LAB      | Compressed  | LCLB      | OTHR     | RF   | 12:30P - 6:30P  | COVH | 1            | 10  | 8   | 1/11 - 2/8  |
| NUR 116LW-WN130  | PEDIATRIC NSG LAB      | Compressed  | LCLB      | OTHR     | RF   | 6:30A - 12:30P  | COVH | 1            | 10  | 9   | 2/15 - 3/14 |
| NUR 116LW-WN140  | PEDIATRIC NSG LAB      | Compressed  | LCLB      | OTHR     | RF   | 12:30P - 6:30P  | COVH | 1            | 10  | 8   | 2/15 - 3/14 |
| NUR 116LW-WN150  | PEDIATRIC NSG LAB      | Compressed  | LCLB      | OTHR     | RF   | 6:30A - 12:30P  | COVH | 1            | 10  | 9   | 3/28 - 4/27 |
| NUR 116LW-WN160  | PEDIATRIC NSG LAB      | Compressed  | LCLB      | OTHR     | RF   | 12:30P - 6:30P  | COVH | 1            | 10  | 8   | 3/28 - 4/27 |
| <u>Note: LAB COURSE: Must also register for theory section.</u>  |                        |             |           |          |      |                 |      |              |     |     |             |
| NUR 119LW-WN110  | MENTAL HEALTH NSG L    | Compressed  | LCLB      | OTHR     | TW   | 7:30A - 3:00P   | BMED | 1            | 10  | 10  | 1/24 - 2/8  |
| NUR 119LW-WN120  | MENTAL HEALTH NSG L    | Compressed  | LCLB      | OTHR     | TW   | 12:00P - 7:30P  | HSHP | 1            | 10  | 9   | 1/24 - 2/8  |
| NUR 119LW-WN130  | MENTAL HEALTH NSG L    | Compressed  | LCLB      | OTHR     | TW   | 7:30A - 3:00P   | BMED | 1            | 10  | 8   | 2/28 - 2/29 |
|  |                        | Compressed  | LN2       | OTHR     | TW   | 7:30A - 3:00P   | BMED | 1            |     |     | 3/13 - 3/21 |
| NUR 119LW-WN140  | MENTAL HEALTH NSG L    | Compressed  | LCLB      | OTHR     | TW   | 2:00P - 9:30P   | HSHP | 1            | 10  | 7   | 2/28 - 2/29 |
|  |                        | Compressed  | LN2       | OTHR     | TW   | 2:00P - 9:30P   | HSHP | 1            |     |     | 3/13 - 3/21 |
| NUR 119LW-WN150  | MENTAL HEALTH NSG L    | Compressed  | LCLB      | OTHR     | TW   | 7:30A - 3:00P   | BMED | 1            | 10  | 8   | 4/10 - 4/25 |
| NUR 119LW-WN160  | MENTAL HEALTH NSG L    | Compressed  | LCLB      | OTHR     | TW   | 12:00P - 7:00P  | HSHP | 1            | 10  | 7   | 4/10 - 4/27 |
| OAT 105W-WN110   | TIME MGMT              | Compressed  | LCLB      | DLTA     | R    | 2:00P - 3:50P   | K104 | 1            | 18  | 18  | 1/12 - 3/1  |
| OAT 105W-WN120   | TIME MGMT              | Compressed  | LCLB      | DLTA     | M    | 10:00A - 11:50A | K104 | 1            | 18  | 16  | 2/27 - 4/23 |
| OAT 105W-WN130   | TIME MGMT              | Compressed  | LCLB      | DLTA     | T    | 12:00P - 1:50P  | K114 | 1            | 18  | 14  | 1/10 - 2/28 |
| OAT 105W-WN140   | TIME MGMT              | Compressed  | LCLB      | DLTA     | M    | 3:00P - 4:50P   | M103 | 1            | 18  | 15  | 2/27 - 4/23 |
| RAD 140W-WN110   | CLIN SEMINAR I         | Compressed  | LCLB      | OTHR     | W    | 9:00A - 11:10A  | MHSP | 1            | 4   | 1   | 3/14 - 4/25 |
| RAD 140W-WN120   | CLIN SEMINAR I         | Compressed  | LCLB      | OTHR     | R    | 10:00A - 12:10P | COVH | 1            | 5   | 4   | 3/15 - 4/26 |
| RAD 140W-WN130   | CLIN SEMINAR I         | Compressed  | LCLB      | OTHR     | T    | 12:00P - 2:10P  | BMED | 1            | 5   | 4   | 3/13 - 4/24 |
| RAD 140W-WN140   | CLIN SEMINAR I         | Compressed  | LCLB      | OTHR     | M    | 12:00P - 2:10P  | SMAR | 1            | 4   | 4   | 3/12 - 4/23 |
| RAD 230-WN110  | QUAL IMPROVE IN IMAGIN | Compressed  | LCLB      | DLTA     | T    | 12:30P - 2:25P  | F024 | 1            | 18  | 13  | 1/10 - 2/28 |
| <u>Note: All Sections. Students are required to purchase Section 608 Training Manual and EPA Test Voucher from the Delta College Book Store prior to the start of class.</u> |                        |             |           |          |      |                 |      |              |     |     |             |
| RHA 150-WN110  | REFRIGERANT CERT       | Compressed  | LCLB      | DLTA     | F    | 10:00A - 2:55P  | M151 | 1            | 15  | 12  | 3/30 - 4/13 |

Class will meet in M100 on 4/13/2012 from 1:00 pm to 3:00 pm.



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name  | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|---|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| WELD 101-WN410  | EXPLORE CUTTING     | Compressed  | LCLB      | DLTA     | SN   | 8:00A - 3:25P   | L140 | 1            | 10  | 8   | 1/7 - 1/8   |
| WELD 101-WN420  | EXPLORE CUTTING     | Compressed  | LCLB      | DLTA     | SN   | 8:00A - 3:25P   | L140 | 1            | 10  | 11  | 3/3 - 3/4   |
| Note: Contact James Proctor at 989-686-9599 / jamesproctor@delta.edu for equipment and textbook requirements for this class.  |                     |             |           |          |      |                 |      |              |     |     |             |
| WELD 102-WN410  | EXP SHIELD ARC WLD  | Compressed  | LCLB      | DLTA     | SN   | 8:00A - 3:25P   | L140 | 1            | 10  | 7   | 2/18 - 2/19 |
| WELD 106-WN410  | EXP GAS TUN ARC WLD | Compressed  | LCLB      | DLTA     | SN   | 8:00A - 3:25P   | L140 | 1            | 10  | 6   | 3/17 - 3/18 |
| WELD 108-WN410  | EXP GAS MET ARC WLD | Compressed  | LCLB      | DLTA     | SN   | 8:00A - 3:25P   | L140 | 1            | 10  | 9   | 1/21 - 1/22 |
| WELD 108-WN430  | EXP GAS MET ARC WLD | Compressed  | LCLB      | DLTA     | SN   | 8:00A - 3:25P   | L141 | 1            | 10  | 5   | 4/21 - 4/22 |
| Note: Contact James Proctor at 989-686-9599 / jamesproctor@delta.edu for equipment and textbook requirements for this class.  |                     |             |           |          |      |                 |      |              |     |     |             |
| <u>Note - LAB COURSE: Individual course sections will be assigned by the Nursing Office following registration for clinical entry.</u>  |                     |             |           |          |      |                 |      |              |     |     |             |
| NUR 101ALW-WN110  | NSG FUNDAMENTAL L   | Compressed  | LCLB      | DLTA     | TR   | 1:00P - 5:00P   | F270 | 1.5          | 10  | 10  | 1/12 - 2/23 |
| NUR 101ALW-WN130  | NSG FUNDAMENTAL L   | Compressed  | LCLB      | DLTA     | TR   | 1:00P - 4:55P   | F267 | 1.5          | 10  | 10  | 1/12 - 2/23 |
| NUR 101ALW-WN140  | NSG FUNDAMENTAL L   | Compressed  | LCLB      | DLTA     | TW   | 12:00P - 4:30P  | F270 | 1.5          | 10  | 10  | 1/10 - 2/22 |
| NUR 101ALW-WN150  | NSG FUNDAMENTAL L   | Compressed  | LCLB      | DLTA     | WF   | 8:30A - 12:30P  | TBA  | 1.5          | 10  | 10  | 1/13 - 2/24 |
| NUR 101ALW-WN160  | NSG FUNDAMENTAL L   | Compressed  | LCLB      | DLTA     | TW   | 12:00P - 4:30P  | F270 | 1.5          | 10  | 10  | 1/10 - 2/22 |
| ENV 152-WN310   | EMERG RESP INDUST   | Compressed  | LCLB      | DLTA     | W    | 6:00P - 8:55P   | C121 | 1.6          | 20  | 23  | 1/11 - 2/8  |
| Note: This course requires an 8-hour Saturday Simulation exercise at Great Lakes Safety in Midland. Dates/times to be determined.   |                     |             |           |          |      |                 |      |              |     |     |             |
| ENV 152-WN320   | EMERG RESP INDUST   | Compressed  | LCLB      | DLTA     | W    | 6:00P - 8:55P   | C121 | 1.6          | 20  | 20  | 2/22 - 3/28 |
| Note: This course requires an 8-hour Saturday Simulation exercise at Great Lakes Safety in Midland. Dates/times to be determined.   |                     |             |           |          |      |                 |      |              |     |     |             |
| CPI 120-WN120   | INTRO PROCESS OPER  | Compressed  | LCLB      | DLTA     | F    | 8:00A - 11:40A  | L106 | 2            | 16  | 17  | 1/13 - 3/2  |
| CPI 270-WN110   | ADV PROCS OP LAB    | Compressed  | LCLB      | DLTA     | F    | 12:00P - 4:00P  | L130 | 2            | 12  | 15  | 3/2 - 4/20  |
| Note: CPI 270: Prerequisite CPI 260 can also be taken at the same time as CPI 270. For prerequisite waiver contact Joel Justin at 989-600-2830.   |                     |             |           |          |      |                 |      |              |     |     |             |
| CPI 270-WN130   | ADV PROCS OP LAB    | Compressed  | LCLB      | DLTA     | F    | 8:00A - 11:45A  | L130 | 2            | 12  | 8   | 3/2 - 4/17  |
| CST 162-WN410   | INTRO NOVELL ADMIN  | Compressed  | LCLB      | DLTA     | S    | 8:00A - 12:00P  | K105 | 2            | 18  | 5   | 3/3 - 4/21  |
| DH 121-WN110  | DH SEMINAR I        | Compressed  | LCLB      | DLTA     | F    | 8:30A - 11:25A  | F002 | 2            | 18  | 15  | 1/13 - 3/23 |
| DH 124-WN110  | PHARM FOR DH        | Compressed  | LN2       | DLTA     | F    | 8:30A - 11:25A  | F243 | 2            | 18  | 15  | 3/30 - 4/27 |
|   |                     | Compressed  | LCLB      | DLTA     | M    | 2:00P - 4:55P   | F240 | 2            |     |     | 5/7 - 6/11  |
| DMS 104-WN110   | INTRO OB/GYN SONOG  | Compressed  | LCLB      | DLTA     | T    | 9:00A - 10:55A  | F269 | 2            | 14  | 12  | 2/21 - 4/24 |
|   |                     | Compressed  | LCLB      | DLTA     | F    | 9:00A - 10:55A  | F269 | 2            |     |     | 2/21 - 4/24 |
| <u>Note: EMS110, EMS111, EMS112 and EMS113 must be taken concurrently. Prerequisites can be viewed at &lt;a href="http://www.delta.edu/firesci"&gt;Fire Science&lt;/a&gt;. Once you have completed prerequisites make appointment with Russ Holtman at (989) 686-9020 for permission to register.</u> |                     |             |           |          |      |                 |      |              |     |     |             |
| EMS 112-WN501   | BAS EM MED TECH 3   | Compressed  | LCLB      | OTHR     | S    | 8:00A - 3:55P   | TBA  | 2            | 0   | 5   | 3/24 - 6/9  |
| Note: EMS110, EMS111, EMS112 and EMS113 must be taken concurrently. Prerequisites can be viewed at http://www.delta.edu/tech/fire20science20technology/emt.aspx . Once you have completed prerequisites make appointment with Russ Holtman at (989) 686-9020 for permission to register.              |                     |             |           |          |      |                 |      |              |     |     |             |
| EMS 112-WN502   | BAS EM MED TECH 3   | Compressed  | LCLB      | OTHR     | S    | 8:00A - 4:55P   | TBA  | 2            | 0   | 9   | 4/14 - 5/12 |
| Note: EMS110, EMS111, EMS112 and EMS113 must be taken concurrently. Prerequisites can be viewed at http://www.delta.edu/tech/fire20science20technology/emt.aspx . Once you have completed prerequisites make appointment with Russ Holtman at (989) 686-9020 for permission to register.              |                     |             |           |          |      |                 |      |              |     |     |             |
| EMS 112-WN503   | BAS EM MED TECH 3   | Compressed  | LCLB      | OTHR     | S    | 9:00A - 4:55P   | TBA  | 2            | 0   | 1   | 3/17 - 5/5  |
| Note: EMS110, EMS111, EMS112 and EMS113 must be taken concurrently. Prerequisites can be viewed at http://www.delta.edu/tech/fire20science20technology/emt.aspx . Once you have completed prerequisites make appointment with Russ Holtman at (989) 686-9020 for permission to register.              |                     |             |           |          |      |                 |      |              |     |     |             |
| EMS 112-WN504   | BAS EM MED TECH 3   | Compressed  | LCLB      | OTHR     | S    | 9:00A - 4:55P   | TBA  | 2            | 0   | 5   | 3/24 - 4/14 |
| Note: EMS110, EMS111, EMS112 and EMS113 must be taken concurrently. Prerequisites can be viewed at <a href="http://www.delta.edu/firesci">Fire Science</a>. Once you have completed prerequisites make appointment with Russ Holtman at (989) 686-9020 for permission to register.                    |                     |             |           |          |      |                 |      |              |     |     |             |
| ENG 107W-WN115  | ELEM OF GRAMMAR     | Compressed  | LCLB      | RICK     | T    | 3:30P - 5:55P   | 115  | 2            | 18  | 18  | 1/31 - 4/24 |
| LW 221W-WN150   | FITNESS & WELLNESS  | Compressed  | LCLB      | DLTA     | TR   | 9:00A - 9:55A   | F015 | 2            | 20  | 19  | 1/10 - 3/29 |
|   |                     | Compressed  | LCLB      | DLTA     | TR   | 10:00A - 10:55A | P121 | 2            |     |     | 1/10 - 3/29 |
| LW 221W-WN160   | FITNESS & WELLNESS  | Compressed  | LCLB      | DLTA     | T    | 11:00A - 12:55P | F001 | 2            | 20  | 20  | 1/10 - 3/29 |
|   |                     | Compressed  | LN2       | DLTA     | R    | 11:00A - 12:55P | P110 | 2            |     |     | 1/10 - 3/29 |
| Note: This section's activity will expose you to a variety of fitness exercises.  |                     |             |           |          |      |                 |      |              |     |     |             |
| LW 221W-WN170   | FITNESS & WELLNESS  | Compressed  | LCLB      | DLTA     | TR   | 11:30A - 1:25P  | M105 | 2            | 20  | 17  | 1/10 - 3/29 |
| Note: This section's activity component will be fitness walking.  |                     |             |           |          |      |                 |      |              |     |     |             |
| LW 221W-WN175   | FITNESS & WELLNESS  | Compressed  | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | F007 | 2            | 20  | 20  | 1/10 - 3/29 |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name  | Title              | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|---|--------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| Note: This section's activity component will expose you to a variety of fitness exercises.  |                    |             |           |          |      |                 |      |              |     |     |             |
| LW 221W-WN180   | FITNESS & WELLNESS | Compressed  | LCLB      | DLTA     | MW   | 8:00A - 9:55A   | N202 | 2            | 20  | 15  | 2/1 - 4/25  |
| This course will have a focus on Fitness Walking.   |                    |             |           |          |      |                 |      |              |     |     |             |
| LW 221W-WN185   | FITNESS & WELLNESS | Compressed  | LCLB      | DLTA     | MW   | 10:00A - 10:55A | F001 | 2            | 24  | 24  | 2/1 - 4/25  |
|   |                    | Compressed  | LCLB      | DLTA     | MW   | 11:00A - 11:55A | P121 | 2            |     |     | 2/1 - 4/25  |
| LW 221W-WN190   | FITNESS & WELLNESS | Compressed  | LCLB      | DLTA     | MW   | 8:00A - 9:55A   | F001 | 2            | 20  | 20  | 2/6 - 4/25  |
| The activity portion of this section will be Circuit Training.  |                    |             |           |          |      |                 |      |              |     |     |             |
| LW 221W-WN220   | FITNESS & WELLNESS | Compressed  | LCLB      | DLTA     | MW   | 5:00P - 5:55P   | F004 | 2            | 20  | 21  | 1/9 - 3/28  |
|   |                    | Compressed  | LN2       | DLTA     | MW   | 6:00P - 6:55P   | P121 | 2            |     |     | 1/9 - 3/28  |
| <u>Note: Includes Learning Assistance Workshop to help prepare for tests and clarify course content (required based on course grade).</u> |                    |             |           |          |      |                 |      |              |     |     |             |
| MTH 092-WN125   | BASIC MATH         | Compressed  | LCLB      | DLTA     | F    | 12:30P - 2:55P  | A206 | 2            | 15  | 17  | 1/20 - 4/13 |
|   |                    | Compressed  | WKP       | DLTA     | F    | 11:30A - 12:30P | A206 | 2            |     |     | 1/20 - 4/13 |
| MTH 092-WN127   | BASIC MATH         | Compressed  | LCLB      | DLTA     | TR   | 12:00P - 1:55P  | A209 | 2            | 15  | 18  | 3/1 - 4/26  |
|   |                    | Compressed  | WKP       | DLTA     | TR   | 11:00A - 11:55A | A209 | 2            |     |     | 3/1 - 4/26  |
| MTH 092-WN128   | BASIC MATH         | Compressed  | LCLB      | DLTA     | TR   | 11:30A - 12:55P | A213 | 2            | 15  | 14  | 1/24 - 4/5  |
|   |                    | Compressed  | WKP       | DLTA     | TR   | 11:00A - 11:25A | A213 | 2            |     |     | 1/24 - 4/5  |
| MTH 092-WN134   | BASIC MATH         | Compressed  | LCLB      | DLTA     | TR   | 2:30P - 3:55P   | E114 | 2            | 15  | 12  | 1/10 - 3/22 |
|   |                    | Compressed  | WKP       | DLTA     | TR   | 2:00P - 2:25P   | E114 | 2            |     |     | 1/10 - 3/22 |
| MTH 092-WN135   | BASIC MATH         | Compressed  | LCLB      | RICK     | MW   | 2:00P - 3:25P   | 113  | 2            | 15  | 13  | 1/9 - 3/21  |
|   |                    | Compressed  | WKP       | RICK     | MW   | 1:30P - 1:55P   | 113  | 2            |     |     | 1/9 - 3/21  |
| Note: See instructor regarding textbook.  |                    |             |           |          |      |                 |      |              |     |     |             |
| MTH 092-WN210   | BASIC MATH         | Compressed  | LCLB      | DLTA     | TR   | 2:30P - 3:55P   | E110 | 2            | 15  | 12  | 1/17 - 3/29 |
|   |                    | Compressed  | WKP       | DLTA     | TR   | 2:00P - 2:25P   | E110 | 2            |     |     | 1/17 - 3/29 |
| MTH 092-WN320   | BASIC MATH         | Compressed  | LCLB      | RICK     | TR   | 6:30P - 7:55P   | 114  | 2            | 15  | 17  | 1/17 - 3/29 |
|   |                    | Compressed  | WKP       | RICK     | TR   | 6:00P - 6:25P   | 114  | 2            |     |     | 1/17 - 3/29 |
| MTH 092-WN500   | BASIC MATH         | Compressed  | LCLB      | DLTA     | MW   | 9:00A - 10:55A  | F005 | 2            | 15  | 14  | 1/9 - 2/27  |
|   |                    | Compressed  | WKP       | DLTA     | MW   | 8:00A - 8:55A   | F005 | 2            |     |     | 1/9 - 2/27  |
| Note: Must also register for MTH 096-WN500.   |                    |             |           |          |      |                 |      |              |     |     |             |
| MTH 092-WN510   | BASIC MATH         | Compressed  | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | N202 | 2            | 15  | 12  | 1/10 - 2/28 |
|   |                    | Compressed  | WKP       | DLTA     | TR   | 8:00A - 8:55A   | N202 | 2            |     |     | 1/10 - 2/28 |
| Note: Must also register for MTH 096-WN510.   |                    |             |           |          |      |                 |      |              |     |     |             |
| MTH 092-WN520   | BASIC MATH         | Compressed  | LCLB      | RICK     | MW   | 9:30A - 11:25A  | 112  | 2            | 15  | 16  | 1/9 - 2/27  |
|   |                    | Compressed  | WKP       | RICK     | MW   | 8:30A - 9:25A   | 112  | 2            |     |     | 1/9 - 2/27  |
| Note: Must also register for MTH 096-WN520. See instructor regarding textbook.  |                    |             |           |          |      |                 |      |              |     |     |             |
| MTH 092-WN525   | BASIC MATH         | Compressed  | LCLB      | DLTA     | TR   | 12:00P - 1:55P  | A207 | 2            | 15  | 14  | 1/10 - 2/28 |
|   |                    | Compressed  | WKP       | DLTA     | TR   | 11:00A - 11:55A | A207 | 2            |     |     | 1/10 - 2/28 |
| Note: Must also register for MTH 096-WN525.   |                    |             |           |          |      |                 |      |              |     |     |             |
| MTH 092-WN526   | BASIC MATH         | Compressed  | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | A213 | 2            | 15  | 14  | 1/10 - 2/28 |
|   |                    | Compressed  | WKP       | DLTA     | TR   | 1:00P - 1:55P   | A213 | 2            |     |     | 1/10 - 2/28 |
| Note: Must also enroll in MTH 096 WN526   |                    |             |           |          |      |                 |      |              |     |     |             |
| MTH 092-WN530   | BASIC MATH         | Compressed  | LCLB      | DLTA     | TR   | 3:00P - 4:55P   | J138 | 2            | 15  | 13  | 1/10 - 2/28 |
|   |                    | Compressed  | WKP       | DLTA     | TR   | 2:00P - 2:55P   | J138 | 2            |     |     | 1/10 - 2/28 |
| Note: Must also register for MTH 096-WN530.   |                    |             |           |          |      |                 |      |              |     |     |             |
| MTH 092-WN540   | BASIC MATH         | Compressed  | LCLB      | DLTA     | MW   | 3:00P - 4:55P   | A207 | 2            | 15  | 15  | 1/9 - 2/27  |
|   |                    | Compressed  | WKP       | DLTA     | MW   | 2:00P - 2:55P   | A207 | 2            |     |     | 1/9 - 2/27  |
| Note: Must also register for MTH 096-WN540.   |                    |             |           |          |      |                 |      |              |     |     |             |
| MTH 092-WN550   | BASIC MATH         | Compressed  | LCLB      | DLTA     | MW   | 6:00P - 7:55P   | J134 | 2            | 15  | 15  | 1/9 - 2/27  |
|   |                    | Compressed  | WKP       | DLTA     | MW   | 5:00P - 5:55P   | J134 | 2            |     |     | 1/9 - 2/27  |
| Note: Must also register for MTH 096-WN550.   |                    |             |           |          |      |                 |      |              |     |     |             |
| MTH 092-WN615   | BASIC MATH         | Compressed  | LCLB      | DLTA     | MTR  | 9:15A - 10:55A  | A209 | 2            | 30  | 24  | 1/9 - 2/6   |
|   |                    | Compressed  | WKP       | DLTA     | MTR  | 8:15A - 9:10A   | A209 | 2            |     |     | 1/9 - 2/6   |
|   |                    | Compressed  | LCLB      | DLTA     | W    | 9:15A - 10:55A  | L117 | 2            |     |     | 1/9 - 2/6   |
|   |                    | Compressed  | WKP       | DLTA     | W    | 8:15A - 9:10A   | L117 | 2            |     |     | 1/9 - 2/6   |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name   | Title       | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|--|-------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| <small>&lt;font color="#ff0000"&gt;&lt;b&gt;***Learning Course. Must also register for MTH 096-W N615 and MTH 097-WN615.***&lt;/b&gt;&lt;/font&gt; For more information see &lt;a href="http://www.delta.edu/learningcommunities.aspx"&gt;LearningCommunities&lt;/a&gt; . Computer Aided Homework Section.</small>                             |             |             |           |          |      |                 |      |              |     |     |             |
| MTH 092-WN625  | BASIC MATH  | Compressed  | LCLB      | DLTA     | MWR  | 10:00A - 11:40A | A204 | 2            | 30  | 28  | 1/9 - 2/6   |
|  |             | Compressed  | WKP       | DLTA     | MTWR | 9:00A - 9:55A   | A204 | 2            |     |     | 1/9 - 2/6   |
|  |             | Compressed  | LN2       | DLTA     | T    | 10:00A - 11:40A | A123 | 2            |     |     | 1/9 - 2/6   |
| <small>&lt;font color="#ff0000"&gt;&lt;b&gt;***Learning Course. Must also register for MTH 096-W N625 and MTH 097-WN625.***&lt;/b&gt;&lt;/font&gt; For more information see &lt;a href="http://www.delta.edu/learningcommunities.aspx"&gt;LearningCommunities&lt;/a&gt; . Computer Aided Homework Section.</small>                             |             |             |           |          |      |                 |      |              |     |     |             |
| MTH 096-WN102  | PRE-ALGEBRA | Compressed  | LCLB      | DLTA     | TR   | 8:00A - 9:25A   | A211 | 2            | 20  | 17  | 1/10 - 3/22 |
| MTH 096-WN110  | PRE-ALGEBRA | Compressed  | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | L112 | 2            | 20  | 18  | 1/10 - 3/22 |
| MTH 096-WN117  | PRE-ALGEBRA | Compressed  | LCLB      | DLTA     | MW   | 10:30A - 11:55A | S040 | 2            | 20  | 19  | 1/16 - 3/28 |
| MTH 096-WN118  | PRE-ALGEBRA | Compressed  | LCLB      | DLTA     | TR   | 11:00A - 12:25P | A208 | 2            | 20  | 20  | 1/24 - 4/5  |
| MTH 096-WN120  | PRE-ALGEBRA | Compressed  | LCLB      | RICK     | MW   | 11:30A - 12:55P | 112  | 2            | 20  | 19  | 1/9 - 3/21  |
| MTH 096-WN122  | PRE-ALGEBRA | Compressed  | LCLB      | DLTA     | TR   | 12:30P - 1:55P  | A211 | 2            | 20  | 19  | 1/10 - 3/22 |
| MTH 096-WN126  | PRE-ALGEBRA | Compressed  | LCLB      | DCMC     | TR   | 12:30P - 1:55P  | 204  | 2            | 20  | 13  | 1/10 - 3/22 |
| MTH 096-WN128  | PRE-ALGEBRA | Compressed  | LCLB      | DLTA     | TR   | 2:00P - 3:25P   | N210 | 2            | 20  | 15  | 1/10 - 3/22 |
| MTH 096-WN140  | PRE-ALGEBRA | Compressed  | LCLB      | DLTA     | TR   | 2:00P - 3:40P   | E116 | 2            | 20  | 16  | 2/21 - 4/26 |
| MTH 096-WN210  | PRE-ALGEBRA | Compressed  | LCLB      | DLTA     | MW   | 3:30P - 4:55P   | A205 | 2            | 20  | 20  | 1/23 - 4/4  |
| MTH 096-WN215  | PRE-ALGEBRA | Compressed  | LCLB      | DCMC     | M    | 4:00P - 6:55P   | 204  | 2            | 20  | 15  | 1/9 - 3/21  |
| MTH 096-WN500  | PRE-ALGEBRA | Compressed  | LCLB      | DLTA     | MW   | 9:00A - 10:55A  | F005 | 2            | 15  | 13  | 2/29 - 4/25 |
|  |             | Compressed  | WKP       | DLTA     | MW   | 8:30A - 8:55A   | F005 | 2            |     |     | 2/29 - 4/25 |
| <small>Note: Must also register for MTH 092-WN500.</small>   |             |             |           |          |      |                 |      |              |     |     |             |
| MTH 096-WN510  | PRE-ALGEBRA | Compressed  | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | N202 | 2            | 15  | 7   | 3/1 - 4/26  |
|  |             | Compressed  | WKP       | DLTA     | TR   | 8:00A - 8:55A   | N202 | 2            |     |     | 3/1 - 4/26  |
| <small>Note: Must also register for MTH 092-WN510.</small>   |             |             |           |          |      |                 |      |              |     |     |             |
| MTH 096-WN520  | PRE-ALGEBRA | Compressed  | LCLB      | RICK     | MW   | 9:30A - 11:25A  | 112  | 2            | 15  | 16  | 2/29 - 4/25 |
|  |             | Compressed  | WKP       | RICK     | MW   | 8:30A - 9:25A   | 112  | 2            |     |     | 2/29 - 4/25 |
| <small>Note: Must also register for MTH 092-WN520. See instructor regarding textbook.</small>  |             |             |           |          |      |                 |      |              |     |     |             |
| MTH 096-WN525  | PRE-ALGEBRA | Compressed  | LCLB      | DLTA     | TR   | 12:00P - 1:55P  | A207 | 2            | 15  | 11  | 3/1 - 4/26  |
|  |             | Compressed  | WKP       | DLTA     | TR   | 11:00A - 11:55A | A207 | 2            |     |     | 3/1 - 4/26  |
| <small>Note: Must also register for MTH 092-WN525.</small>   |             |             |           |          |      |                 |      |              |     |     |             |
| MTH 096-WN526  | PRE-ALGEBRA | Compressed  | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | A213 | 2            | 15  | 9   | 3/1 - 4/26  |
|  |             | Compressed  | WKP       | DLTA     | TR   | 1:00P - 1:55P   | A213 | 2            |     |     | 3/1 - 4/26  |
| <small>Note: Must also enroll in MTH 092 WN526.</small>  |             |             |           |          |      |                 |      |              |     |     |             |
| MTH 096-WN530  | PRE-ALGEBRA | Compressed  | LCLB      | DLTA     | TR   | 3:00P - 4:55P   | S220 | 2            | 15  | 13  | 3/1 - 4/26  |
|  |             | Compressed  | WKP       | DLTA     | TR   | 2:00P - 2:55P   | S220 | 2            |     |     | 3/1 - 4/26  |
| <small>Note: Must also register for MTH 092-WN530.</small>   |             |             |           |          |      |                 |      |              |     |     |             |
| MTH 096-WN540  | PRE-ALGEBRA | Compressed  | LCLB      | DLTA     | MW   | 3:00P - 4:55P   | A207 | 2            | 15  | 9   | 2/29 - 4/25 |
|  |             | Compressed  | WKP       | DLTA     | MW   | 2:00P - 2:55P   | A207 | 2            |     |     | 2/29 - 4/25 |
| <small>Note: Must also register for MTH 092-WN540.</small>   |             |             |           |          |      |                 |      |              |     |     |             |
| MTH 096-WN550  | PRE-ALGEBRA | Compressed  | LCLB      | DLTA     | MW   | 6:00P - 7:55P   | J134 | 2            | 15  | 14  | 2/29 - 4/25 |
|  |             | Compressed  | WKP       | DLTA     | MW   | 5:00P - 5:55P   | J134 | 2            |     |     | 2/29 - 4/25 |
| <small>Note: Must also register for MTH 092-WN550.</small>   |             |             |           |          |      |                 |      |              |     |     |             |
| MTH 096-WN560  | PRE-ALGEBRA | Compressed  | LCLB      | DLTA     | MWR  | 12:00P - 1:35P  | F015 | 2            | 20  | 21  | 1/9 - 2/16  |
| <small>Note: Must also register for MTH 097-WN560.</small>   |             |             |           |          |      |                 |      |              |     |     |             |
| MTH 096-WN615  | PRE-ALGEBRA | Compressed  | LCLB      | DLTA     | MTR  | 9:15A - 10:55A  | A209 | 2            | 30  | 21  | 2/7 - 3/13  |
|  |             | Compressed  | WKP       | DLTA     | MTR  | 8:15A - 9:10A   | A209 | 2            |     |     | 2/7 - 3/13  |
|  |             | Compressed  | LCLB      | DLTA     | W    | 9:15A - 10:55A  | L117 | 2            |     |     | 2/7 - 3/13  |
|  |             | Compressed  | WKP       | DLTA     | W    | 8:15A - 9:10A   | L117 | 2            |     |     | 2/7 - 3/13  |
| <small>&lt;font color="#ff0000"&gt;&lt;b&gt;***Learning Course. Must also register for MTH 092-W N615 and MTH 097-WN615.***&lt;/b&gt;&lt;/font&gt; For more information see &lt;a href="http://www.delta.edu/learningcommunities.aspx"&gt;LearningCommunities&lt;/a&gt; . Computer Aided Homework Section.</small>                             |             |             |           |          |      |                 |      |              |     |     |             |
| MTH 096-WN620  | PRE-ALGEBRA | Compressed  | LCLB      | DLTA     | TR   | 11:00A - 1:25P  | A205 | 2            | 18  | 10  | 1/10 - 2/16 |
| <small>&lt;font color="#ff0000"&gt;&lt;b&gt;***Learning Community Course. Must also register for MTH 097-WN620, ENG 098-WN620, and SSI 292W-WN620.***&lt;/b&gt;&lt;/font&gt;. For more information visit &lt;a href="http://www.delta.edu/learningcommunities.aspx"&gt;Learning Communities&lt;/a&gt; Computer Aided Homework Session.</small> |             |             |           |          |      |                 |      |              |     |     |             |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name   | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|--|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| MTH 096-WN625  | PRE-ALGEBRA         | Compressed  | LCLB      | DLTA     | MWR  | 10:00A - 11:40A | A204 | 2            | 30  | 23  | 2/7 - 3/13  |
|  |                     | Compressed  | WKP       | DLTA     | MTWR | 9:00A - 9:55A   | A204 | 2            |     |     | 2/7 - 3/13  |
|  |                     | Compressed  | LN2       | DLTA     | T    | 10:00A - 11:40A | A123 | 2            |     |     | 2/7 - 3/13  |
| <p>&lt;font color="#ff0000"&gt;&lt;b&gt;***Learning Community Course. Must also register for MTH 092-W N625 and MTH 097-WN625.***&lt;/b&gt;&lt;/font&gt;. For more information visit &lt;a href="http://www.delta.edu/learningcommunities.aspx"&gt;Learning Communities&lt;/a&gt; Computer Aided Homework Session.</p> |                     |             |           |          |      |                 |      |              |     |     |             |
| MTH 117-WN110  | MATH ALLIED HEALTH  | Compressed  | LCLB      | DLTA     | MW   | 8:00A - 9:25A   | J134 | 2            | 20  | 20  | 1/9 - 3/21  |
| MTH 117-WN160  | MATH ALLIED HEALTH  | Compressed  | LCLB      | DLTA     | TR   | 2:30P - 3:55P   | M163 | 2            | 20  | 21  | 1/10 - 3/22 |
| MTH 117-WN210  | MATH ALLIED HEALTH  | Compressed  | LCLB      | DLTA     | W    | 5:30P - 7:55P   | F240 | 2            | 20  | 25  | 1/11 - 4/11 |
| <u>Note: LAB COURSE: Must also register for theory course.</u>   |                     |             |           |          |      |                 |      |              |     |     |             |
| NPT 101BLW-WN110   | CARE AGING ADULT L  | Compressed  | LCLB      | OTHR     | M    | 6:30A - 1:30P   | CARR | 2            | 10  | 9   | 2/13 - 4/27 |
|  |                     | Compressed  | LN2       | OTHR     | T    | 6:30A - 3:00P   | CARR | 2            |     |     | 2/13 - 4/27 |
| NPT 101BLW-WN120   | CARE AGING ADULT L  | Compressed  | LCLB      | OTHR     | W    | 6:30A - 1:30P   | CARR | 2            | 10  | 9   | 2/15 - 4/27 |
|  |                     | Compressed  | LN2       | OTHR     | R    | 6:30A - 3:00P   | CARR | 2            |     |     | 2/15 - 4/27 |
| NPT 101BLW-WN130   | CARE AGING ADULT L  | Compressed  | LCLB      | OTHR     | M    | 6:30A - 1:30P   | MHSP | 2            | 10  | 9   | 2/13 - 4/27 |
|  |                     | Compressed  | LN2       | OTHR     | T    | 6:30A - 3:00P   | MHSP | 2            |     |     | 2/13 - 4/27 |
| <u>Note: THEORY COURSE: Must also register for Elsevier computerized assessment testing course (Fee 902) and a lab section. Weeks alternate between lecture/clinical.</u>  |                     |             |           |          |      |                 |      |              |     |     |             |
| NPT 101BW-WN110  | CARE AGING ADULT    | Compressed  | LCLB      | DLTA     | M    | 4:00P - 7:00P   | F255 | 2            | 30  | 28  | 1/9 - 4/2   |
| <u>Note - NT-161W: Sections will be assigned by the Nursing Discipline following registration for clinical entry. Students must also register for Elsevier computerized testing Fee 902.</u>   |                     |             |           |          |      |                 |      |              |     |     |             |
| NT 161W-WN110  | TRN BASIC ADLT CARE | Compressed  | LCLB      | DLTA     | W    | 11:00A - 2:25P  | F250 | 2            | 34  | 33  | 1/11 - 3/14 |
| <u>Note:NT-162W: Sections will be assigned by the Nursing Discipline following registration for clinical entry.</u>  |                     |             |           |          |      |                 |      |              |     |     |             |
| NT 162W-WN110  | ROLE/FUNCTION OF RN | Compressed  | LCLB      | DLTA     | W    | 6:00P - 9:00P   | F250 | 2            | 34  | 34  | 1/11 - 3/14 |
| <u>Note - LAB COURSE: Individual course sections will be assigned by the Nursing Office following registration for clinical entry.Reassignment of lab sections may occur to equally distribute students following NUR 101AW and NUR 101ALW.</u>  |                     |             |           |          |      |                 |      |              |     |     |             |
| NUR 101BLW-WN110   | CARE AGING ADULT L  | Compressed  | LCLB      | OTHR     | M    | 2:00P - 4:00P   | COVM | 2            | 10  | 9   | 3/12 - 4/18 |
|  |                     | Compressed  | LN2       | OTHR     | TW   | 6:30A - 12:30P  | COVM | 2            |     |     | 3/12 - 4/27 |
| NUR 101BLW-WN120   | CARE AGING ADULT L  | Compressed  | LCLB      | OTHR     | W    | 9:00A - 11:00A  | BMED | 2            | 10  | 8   | 3/14 - 4/27 |
|  |                     | Compressed  | LN2       | OTHR     | RF   | 6:30A - 12:30P  | BMED | 2            |     |     | 3/14 - 4/27 |
| NUR 101BLW-WN130   | CARE AGING ADULT L  | Compressed  | LCLB      | OTHR     | M    | 2:00P - 4:00P   | VAMC | 2            | 10  | 9   | 3/12 - 4/27 |
|  |                     | Compressed  | LN2       | OTHR     | TW   | 6:30A - 12:30P  | VAMC | 2            |     |     | 3/12 - 4/27 |
| NUR 101BLW-WN140   | CARE AGING ADULT L  | Compressed  | LCLB      | OTHR     | W    | 9:00A - 11:00A  | SMAR | 2            | 10  | 9   | 3/14 - 4/27 |
|  |                     | Compressed  | LN2       | OTHR     | RF   | 6:30A - 12:30P  | SMAR | 2            |     |     | 3/14 - 4/27 |
| NUR 101BLW-WN150   | CARE AGING ADULT L  | Compressed  | LCLB      | OTHR     | M    | 2:00P - 4:00P   | BMED | 2            | 10  | 9   | 3/12 - 4/27 |
|  |                     | Compressed  | LN2       | OTHR     | TW   | 6:30A - 12:30P  | BMED | 2            |     |     | 3/12 - 4/27 |
| NUR 101BLW-WN160   | CARE AGING ADULT L  | Compressed  | LCLB      | OTHR     | W    | 9:00A - 11:00A  | COVH | 2            | 10  | 8   | 3/14 - 4/27 |
|  |                     | Compressed  | LN2       | OTHR     | RF   | 6:30A - 12:30P  | COVH | 2            |     |     | 3/14 - 4/27 |
| <u>Note - THEORY COURSE: Students must register for NUR-000 Clinical Entry. Individual course sections will be assigned by the Nursing Office following registration for clinical entry. Students will also be registered for Elsevier Computerized Testing Fee 902.</u>   |                     |             |           |          |      |                 |      |              |     |     |             |
| NUR 101BW-WN110  | CARE AGING ADULT    | Compressed  | LCLB      | DLTA     | M    | 8:00A - 12:30P  | F251 | 2            | 30  | 27  | 3/12 - 4/23 |
| NUR 101BW-WN120  | CARE AGING ADULT    | Compressed  | LCLB      | DLTA     | M    | 8:00A - 12:30P  | F250 | 2            | 30  | 25  | 3/12 - 4/23 |
| <u>Note: THEORY COURSE: Must also register for lab section and Elsevier computerized assessment testing course (FEE 902). Detailed calendar included in bookstore packet.</u>  |                     |             |           |          |      |                 |      |              |     |     |             |
| NUR 115W-WN110   | MATERNITY NURSING   | Compressed  | LCLB      | DLTA     | M    | 8:00A - 2:00P   | F243 | 2            | 20  | 20  | 1/9 - 1/9   |
|  |                     | Compressed  | LN2       | DLTA     | W    | 8:00A - 2:00P   | F243 | 2            |     |     | 1/11 - 1/25 |
|  |                     | Compressed  | LCLB      | DLTA     | F    | 8:00A - 2:00P   | F243 | 2            |     |     | 2/3 - 2/10  |
| NUR 115W-WN120   | MATERNITY NURSING   | Compressed  | LCLB      | DLTA     | M    | 8:00A - 2:00P   | F243 | 2            | 20  | 18  | 2/13 - 2/27 |
|  |                     | Compressed  | LN2       | DLTA     | W    | 8:00A - 2:00P   | F243 | 2            |     |     | 2/15 - 2/29 |
| NUR 115W-WN130   | MATERNITY NURSING   | Compressed  | LCLB      | DLTA     | M    | 8:00A - 2:00P   | F243 | 2            | 20  | 19  | 3/26 - 4/9  |
|  |                     | Compressed  | LN2       | DLTA     | W    | 8:00A - 2:00P   | F243 | 2            |     |     | 3/28 - 4/11 |
| <u>Note: THEORY COURSE: Must also register for lab section and Elsevier computerized assessment testing course (FEE 902). Detailed calendar included in bookstore packet.</u>  |                     |             |           |          |      |                 |      |              |     |     |             |
| NUR 116W-WN110   | PEDIATRIC NURSING   | Compressed  | LCLB      | DLTA     | TR   | 8:00A - 2:00P   | F241 | 2            | 20  | 16  | 1/12 - 1/24 |
|  |                     | Compressed  | LN2       | DLTA     | M    | 8:00A - 2:00P   | F243 | 2            |     |     | 1/30 - 1/30 |
|  |                     | Compressed  | LCLB      | DLTA     | R    | 8:00A - 2:00P   | F241 | 2            |     |     | 2/9 - 2/9   |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name   | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|--|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| NUR 116W-WN120   | PEDIATRIC NURSING   | Compressed  | LCLB      | DLTA     | W    | 8:00A - 2:00P   | F255 | 2            | 20  | 17  | 2/15 - 3/14 |
| NUR 116W-WN130   | PEDIATRIC NURSING   | Compressed  | LCLB      | DLTA     | W    | 8:00A - 2:00P   | F255 | 2            | 20  | 17  | 3/28 - 4/25 |
| Note: THEORY COURSE: Must also register for lab section and Elsevier computerized assessment testing course (FEE 902). Detailed calendar included in bookstore packet.             |                     |             |           |          |      |                 |      |              |     |     |             |
| NUR 119W-WN110   | MENTAL HEALTH NSG   | Compressed  | LCLB      | DCPL     | M    | 9:00A - 2:55P   | 223  | 2            | 20  | 19  | 1/9 - 1/9   |
|  |                     | Compressed  | LN2       | DCPL     | W    | 9:00A - 2:55P   | 223  | 2            |     |     | 1/11 - 1/11 |
| NUR 119W-WN120   | MENTAL HEALTH NSG   | Compressed  | LCLB      | DCPL     | M    | 9:00A - 2:55P   | 223  | 2            | 20  | 15  | 2/13 - 2/13 |
|  |                     | Compressed  | LN2       | DCPL     | W    | 9:00A - 2:55P   | 223  | 2            |     |     | 2/15 - 2/15 |
| NUR 119W-WN130   | MENTAL HEALTH NSG   | Compressed  | LCLB      | DCPL     | M    | 9:00A - 2:55P   | 223  | 2            | 20  | 15  | 3/26 - 3/26 |
|  |                     | Compressed  | LN2       | DCPL     | W    | 9:00A - 2:55P   | 223  | 2            |     |     | 3/28 - 3/28 |
| PHL 210W-WN310   | INFO/TECH ETHIC/LAW | Compressed  | LCLB      | DLTA     | T    | 6:00P - 8:55P   | K107 | 2            | 18  | 18  | 1/10 - 3/20 |
| PTA 124-WN110  | PTA CLINIC I        | Compressed  | LCLB      | DLTA     | WF   | 8:00A - 4:55P   | F240 | 2            | 20  | 16  | 3/21 - 4/20 |
| RAD 120W-WN110   | PRIN RAD BIO & PROT | Compressed  | LCLB      | DLTA     | MR   | 12:00P - 1:55P  | F024 | 2            | 18  | 15  | 1/9 - 2/27  |
| RAD 130-WN110  | RAD PROCEDURES I    | Compressed  | LN2       | DLTA     | R    | 8:30A - 11:25A  | F017 | 2            | 4   | 4   | 1/9 - 2/27  |
|  |                     | Compressed  | LCLB      | DLTA     | M    | 9:00A - 10:55A  | F024 | 2            |     |     | 1/9 - 2/27  |
| RAD 130-WN120  | RAD PROCEDURES I    | Compressed  | LCLB      | DLTA     | M    | 9:00A - 10:55A  | F024 | 2            | 4   | 3   | 1/9 - 2/27  |
|  |                     | Compressed  | LN2       | DLTA     | W    | 8:00A - 10:55A  | F017 | 2            |     |     | 1/9 - 2/27  |
| RAD 130-WN130  | RAD PROCEDURES I    | Compressed  | LCLB      | DLTA     | M    | 9:00A - 10:55A  | F024 | 2            | 4   | 4   | 1/9 - 2/27  |
|  |                     | Compressed  | LN2       | DLTA     | T    | 9:00A - 11:55A  | F017 | 2            |     |     | 1/9 - 2/27  |
| RAD 130-WN140  | RAD PROCEDURES I    | Compressed  | LCLB      | DLTA     | M    | 9:00A - 10:55A  | F024 | 2            | 4   | 4   | 1/9 - 2/27  |
|  |                     | Compressed  | LN2       | DLTA     | W    | 11:00A - 1:55P  | F017 | 2            |     |     | 1/9 - 2/27  |
| RAD 235-WN110  | RADIOGRPHC PROCED 4 | Compressed  | LN2       | DLTA     | R    | 3:00P - 5:55P   | F017 | 2            | 4   | 4   | 1/10 - 2/28 |
|  |                     | Compressed  | LCLB      | DLTA     | T    | 10:00A - 11:55A | F024 | 2            |     |     | 1/10 - 2/28 |
| RAD 235-WN120  | RADIOGRPHC PROCED 4 | Compressed  | LN2       | DLTA     | R    | 12:00P - 2:55P  | F017 | 2            | 4   | 4   | 1/10 - 2/23 |
|  |                     | Compressed  | LCLB      | DLTA     | T    | 10:00A - 11:55A | F024 | 2            |     |     | 1/10 - 2/23 |
| RAD 235-WN130  | RADIOGRPHC PROCED 4 | Compressed  | LCLB      | DLTA     | T    | 10:00A - 11:55A | F024 | 2            | 5   | 5   | 1/10 - 2/24 |
|  |                     | Compressed  | LN2       | DLTA     | F    | 9:00A - 11:55A  | F017 | 2            |     |     | 1/10 - 2/24 |
| RAD 258W-WN910   | RAD CAPSTONE        | Compressed  | LCLB      | DLTA     | T    | 9:00A - 12:55P  | F017 | 2            | 18  | 13  | 3/13 - 4/24 |
| RT 100-WN110   | BAS SCI RESP CARE   | Compressed  | LCLB      | DLTA     | T    | 9:00A - 11:55A  | F003 | 2            | 19  | 19  | 1/31 - 4/10 |
| SKEL 103-WN310   | OSHA & MI ELEC LAWS | Compressed  | LCLB      | DLTA     | R    | 5:00P - 8:40P   | L117 | 2            | 15  | 10  | 1/12 - 3/1  |
| NOTE: Class will not meet on February 2, 2012.   |                     |             |           |          |      |                 |      |              |     |     |             |
| SKEL 104-WN410   | ELE/SUB ST ORIENT   | Compressed  | LCLB      | DLTA     | S    | 8:00A - 12:55P  | L117 | 2            | 15  | 10  | 1/14 - 2/18 |
| SKMT 161-WN210   | IND RIGGING/SAFETY  | Compressed  | LCLB      | DLTA     | R    | 6:00P - 7:25P   | M163 | 2            | 18  | 17  | 1/12 - 3/22 |
|  |                     | Compressed  | LCLB      | DLTA     | R    | 7:30P - 8:55P   | M162 | 2            |     |     | 1/12 - 3/22 |
| OSHA approved safety glasses are required for this course  |                     |             |           |          |      |                 |      |              |     |     |             |
| SKPT 113-WN210   | STATNRY BLR OP III  | Compressed  | LCLB      | DLTA     | MW   | 5:00P - 7:55P   | M104 | 2            | 10  | 9   | 1/9 - 2/8   |
| SPA 109-WN110  | SPAN HEALTH CARE 1  | Compressed  | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | S228 | 2            | 10  | 5   | 1/9 - 2/27  |
| Note: This course is 7 1/2 weeks. Instructor may use out of class testing in the Testing Center for all exams. Computer with Internet access may be required for some assignments. |                     |             |           |          |      |                 |      |              |     |     |             |
| SPA 110-WN110  | SPAN HEALTHCARE II  | Compressed  | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | S228 | 2            | 10  | 8   | 2/29 - 4/25 |
| Note: This course is 7 1/2 weeks. Instructor may use out of class testing at the Testing Center for all exams. Computer with Internet access may be required for some assignments. |                     |             |           |          |      |                 |      |              |     |     |             |
| WELD 120-WN210   | BEG INDUST BLUPRNT  | Compressed  | LCLB      | DLTA     | W    | 5:00P - 9:00P   | F243 | 2            | 20  | 19  | 1/18 - 2/29 |
| WELD 122-WN210   | BLPRT READ WELD FAB | Compressed  | LCLB      | DLTA     | W    | 5:00P - 9:00P   | F243 | 2            | 20  | 19  | 3/14 - 4/25 |
| ACE 105W-WN120   | YR I EXP I BUS HS   | Compressed  | LCLB      | DLTA     | R    | 8:00A - 10:55A  | E114 | 3            | 15  | 6   | 3/22 - 4/19 |
| ACE 105W-WN310   | YR I EXP I BUS HS   | Compressed  | LCLB      | DLTA     | M    | 6:00P - 8:55P   | E114 | 3            | 15  | 15  | 3/19 - 4/16 |
| ACE 110W-WN120   | YR 1 EXP 1 COM SCI  | Compressed  | LCLB      | DLTA     | R    | 8:00A - 10:55A  | E114 | 3            | 15  | 0   | 3/22 - 4/19 |
| ACE 110W-WN310   | YR 1 EXP 1 COM SCI  | Compressed  | LCLB      | DLTA     | M    | 6:00P - 8:55P   | E114 | 3            | 15  | 0   | 3/19 - 4/16 |
| ACE 115W-WN120   | YR 1 EXP 1 HLTH SC  | Compressed  | LCLB      | DLTA     | R    | 8:00A - 10:55A  | E114 | 3            | 15  | 0   | 3/22 - 4/19 |
| ACE 115W-WN310   | YR 1 EXP 1 HLTH SC  | Compressed  | LCLB      | DLTA     | M    | 6:00P - 8:55P   | E114 | 3            | 15  | 0   | 3/19 - 4/16 |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name  | Title                | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|---|----------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| ACE 120W-WN120  | YR 1 EXP 1 TECH IND  | Compressed  | LCLB      | DLTA     | R    | 8:00A - 10:55A  | E114 | 3            | 15  | 2   | 3/22 - 4/19 |
| ACE 120W-WN310  | YR 1 EXP 1 TECH IND  | Compressed  | LCLB      | DLTA     | M    | 6:00P - 8:55P   | E114 | 3            | 15  | 4   | 3/19 - 4/16 |
| AUT 100-WN310   | INTRO AUTO SERVICE   | Compressed  | LCLB      | DLTA     | MW   | 6:00P - 9:35P   | M153 | 3            | 20  | 18  | 1/9 - 2/27  |
| AUT 100-WN320   | INTRO AUTO SERVICE   | Compressed  | LCLB      | DLTA     | TR   | 6:00P - 9:35P   | M153 | 3            | 20  | 21  | 1/10 - 2/28 |
| AUT 108-WN310   | AUTO ELECTRONICS     | Compressed  | LCLB      | DLTA     | TR   | 6:00P - 9:55P   | M153 | 3            | 20  | 17  | 3/1 - 4/26  |
| AUT 108-WN320   | AUTO ELECTRONICS     | Compressed  | LCLB      | DLTA     | MW   | 6:00P - 9:55P   | M153 | 3            | 20  | 19  | 2/29 - 4/25 |
| AUT 210W-WN110  | BODY ELECTRONICS     | Compressed  | LCLB      | DLTA     | MT   | 7:30A - 9:25A   | M161 | 3            | 16  | 13  | 1/9 - 1/25  |
|   |                      | Compressed  | LCLB      | DLTA     | MT   | 1:00P - 2:25P   | M161 | 3            |     |     | 1/9 - 1/25  |
|   |                      | Compressed  | LCLB      | DLTA     | W    | 7:30A - 8:25A   | M161 | 3            |     |     | 1/9 - 1/25  |
|   |                      | Compressed  | LCLB      | DLTA     | W    | 8:30A - 10:25A  | M115 | 3            |     |     | 1/9 - 1/25  |
|   |                      | Compressed  | LCLB      | DLTA     | MT   | 9:30A - 11:25A  | M115 | 3            |     |     | 1/9 - 1/25  |
|   |                      | Compressed  | LCLB      | DLTA     | MT   | 11:30A - 11:55A | M161 | 3            |     |     | 1/9 - 1/25  |
|   |                      | Compressed  | LN2       | DLTA     | MT   | 1:30P - 4:25P   | M115 | 3            |     |     | 1/9 - 1/25  |
|   |                      | Compressed  | LN2       | DLTA     | MT   | 4:30P - 4:55P   | M161 | 3            |     |     | 1/9 - 1/25  |
| "Click" course link to the left for more class meeting times.   |                      |             |           |          |      |                 |      |              |     |     |             |
| AUT 210W-WN210  | BODY ELECTRONICS     | Compressed  | LCLB      | DLTA     | MTWR | 6:00P - 7:25P   | M161 | 3            | 16  | 15  | 1/9 - 1/26  |
|   |                      | Compressed  | LN2       | DLTA     | MTWR | 7:30P - 10:25P  | M115 | 3            |     |     | 1/9 - 1/26  |
|   |                      | Compressed  | LN2       | DLTA     | MTWR | 10:30P - 10:55P | M161 | 3            |     |     | 1/9 - 1/26  |
| "Click" course link to the left for more class meeting times.   |                      |             |           |          |      |                 |      |              |     |     |             |
| BIO 130W-WN120  | INTRO BIOCHEM & CELL | Compressed  | LCLB      | DLTA     | TR   | 9:00A - 11:55A  | C110 | 3            | 15  | 15  | 1/31 - 4/12 |
| Note: Late start class.   |                      |             |           |          |      |                 |      |              |     |     |             |
| BIO 130W-WN310  | INTRO BIOCHEM & CELL | Compressed  | LCLB      | DLTA     | TR   | 6:00P - 8:55P   | C110 | 3            | 15  | 18  | 1/31 - 4/12 |
| Note: Late start class.   |                      |             |           |          |      |                 |      |              |     |     |             |
| CPI 220-WN110   | PROCESS MEASUREMENT  | Compressed  | LCLB      | DLTA     | MTWR | 12:00P - 3:25P  | L106 | 3            | 16  | 9   | 3/14 - 4/4  |
| CPI 220-WN120   | PROCESS MEASUREMENT  | Compressed  | LCLB      | DLTA     | MTWR | 8:00A - 11:40A  | L106 | 3            | 16  | 12  | 3/14 - 4/4  |
| CPI 230-WN110   | PROCESS CONTROL      | Compressed  | LCLB      | DLTA     | MTWR | 12:00P - 3:25P  | L106 | 3            | 16  | 7   | 4/5 - 4/26  |
| CPI 230-WN120   | PROCESS CONTROL      | Compressed  | LCLB      | DLTA     | MTWR | 8:00A - 11:40A  | L106 | 3            | 16  | 13  | 4/5 - 4/26  |
| CPI 240W-WN110  | PROC TROUBLESHOOTNG  | Compressed  | LCLB      | DLTA     | MW   | 8:00A - 11:40A  | L131 | 3            | 16  | 15  | 2/13 - 3/15 |
|   |                      | Compressed  | LN2       | DLTA     | TR   | 8:00A - 11:40A  | L130 | 3            |     |     | 2/13 - 3/15 |
| CPI 240W-WN120  | PROC TROUBLESHOOTNG  | Compressed  | LCLB      | DLTA     | M    | 12:00P - 3:55P  | L131 | 3            | 16  | 16  | 2/13 - 3/4  |
|   |                      | Compressed  | LN2       | DLTA     | TR   | 12:00P - 3:55P  | L130 | 3            |     |     | 2/13 - 3/4  |
|   |                      | Compressed  | LCLB      | DLTA     | W    | 12:00P - 3:55P  | L131 | 3            |     |     | 2/13 - 3/4  |
| MT 221W-WN210   | INTRO ENGINEER MATLS | Compressed  | LCLB      | DLTA     | W    | 6:00P - 8:55P   | L131 | 3            | 18  | 8   | 1/25 - 4/25 |
|   |                      | Compressed  | LCLB      | DLTA     | W    | 9:00P - 10:25P  | L118 | 3            |     |     | 1/25 - 4/25 |
| MT 252-WN310  | STRENGTH OF MATLS    | Compressed  | LCLB      | DLTA     | M    | 5:00P - 9:55P   | L131 | 3            | 18  | 11  | 1/9 - 3/12  |
| MT 256-WN310  | MACHINE DESIGN       | Compressed  | LCLB      | DLTA     | R    | 5:00P - 9:00P   | L131 | 3            | 18  | 11  | 2/9 - 4/26  |
| MTH 097-WN104   | ALGEBRA I            | Compressed  | LCLB      | DLTA     | MW   | 8:00A - 9:55A   | J133 | 3            | 25  | 27  | 1/23 - 4/16 |
| Note: Computer Aided Homework Section.  |                      |             |           |          |      |                 |      |              |     |     |             |
| MTH 097-WN128   | ALGEBRA I            | Compressed  | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | S113 | 3            | 25  | 25  | 1/16 - 4/9  |
| Note: Computer Aided Homework Section   |                      |             |           |          |      |                 |      |              |     |     |             |
| MTH 097-WN140   | ALGEBRA I            | Compressed  | LCLB      | DCPL     | TR   | 4:00P - 5:55P   | 213  | 3            | 25  | 25  | 1/10 - 4/3  |
| MTH 097-WN250   | ALGEBRA I            | Compressed  | LCLB      | DCMC     | TR   | 4:00P - 5:55P   | 156  | 3            | 25  | 19  | 1/10 - 4/3  |
| MTH 097-WN560   | ALGEBRA I            | Compressed  | LCLB      | DLTA     | MWR  | 12:00P - 1:35P  | F015 | 3            | 20  | 18  | 2/20 - 4/26 |
| Note: Must also register for MTH 096 WN560.   |                      |             |           |          |      |                 |      |              |     |     |             |
| MTH 097-WN615   | ALGEBRA I            | Compressed  | LCLB      | DLTA     | MTR  | 9:15A - 10:55A  | A209 | 3            | 30  | 18  | 3/14 - 4/26 |
|   |                      | Compressed  | WKP       | DLTA     | MTR  | 8:15A - 9:10A   | A209 | 3            |     |     | 3/14 - 4/26 |
|   |                      | Compressed  | LCLB      | DLTA     | W    | 9:15A - 10:55A  | L117 | 3            |     |     | 3/14 - 4/26 |
|   |                      | Compressed  | WKP       | DLTA     | W    | 8:15A - 9:10A   | L117 | 3            |     |     | 3/14 - 4/26 |
| <font color="#ff0000"><b>***Learning Course. Must also register for MTH 092-W N615 and MTH 096-WN615.***</b></font> For more information see <a href="http://www.delta.edu/learningcommunities.aspx">LearningCommunities</a> . Computer Aided Homework Section. |                      |             |           |          |      |                 |      |              |     |     |             |
| MTH 097-WN620   | ALGEBRA I            | Compressed  | LCLB      | DLTA     | TR   | 11:00A - 1:25P  | A205 | 3            | 18  | 12  | 2/21 - 4/26 |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name   | Title                | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|--|----------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| <small>&lt;font color="#ff0000"&gt;&lt;b&gt;***Learning Community Course. Must also register for MTH 096-WN620, ENG 098-WN620, and SSI 292W-WN620.***&lt;/b&gt;&lt;/font&gt;. For more information visit &lt;a href="http://www.delta.edu/learningcommunities.aspx"&gt;Learning Communities&lt;/a&gt; Computer Aided Homework Session.</small> |                      |             |           |          |      |                 |      |              |     |     |             |
| MTH 097-WN625  | ALGEBRA I            | Compressed  | LCLB      | DLTA     | MTWR | 10:00A - 11:40A | A204 | 3            | 30  | 17  | 3/14 - 4/26 |
|  |                      | Compressed  | WKP       | DLTA     | MTWR | 9:00A - 9:55A   | A204 | 3            |     |     | 3/14 - 4/26 |
| <small>&lt;font color="#ff0000"&gt;&lt;b&gt;***Learning Community Course. Must also register for MTH 092-W N625 and MTH 096-WN625.***&lt;/b&gt;&lt;/font&gt;For more information visit &lt;a href="http://www.delta.edu/learningcommunities.aspx"&gt;Learning Communities&lt;/a&gt; Computer Aided Homework Session.</small>                   |                      |             |           |          |      |                 |      |              |     |     |             |
| RT 132-WN110   | ADULT VENTY CARE     | Compressed  | LCLB      | DLTA     | MTW  | 8:00A - 1:55P   | F245 | 3            | 17  | 15  | 1/30 - 4/25 |
| <small>Note: Meets MTW 8AM-1:55PM various weeks. A master schedule for the semester will be provided before classes begin.</small>   |                      |             |           |          |      |                 |      |              |     |     |             |
| SKMA 112-WN310   | AP INT ELEC MATH II  | Compressed  | LCLB      | DLTA     | MW   | 6:00P - 8:55P   | N202 | 3            | 17  | 19  | 1/9 - 2/27  |
| SKMA 112-WN330   | AP INT ELEC MATH II  | Compressed  | LCLB      | RICK     | TR   | 6:00P - 8:55P   | 143  | 3            | 18  | 18  | 1/10 - 2/28 |
| SKMA 113-WN310   | AP INT ELEC MTH III  | Compressed  | LCLB      | DLTA     | MW   | 6:00P - 9:00P   | N202 | 3            | 16  | 18  | 3/12 - 4/25 |
| SKMA 113-WN330   | AP INT ELEC MTH III  | Compressed  | LCLB      | RICK     | TR   | 6:00P - 9:10P   | 143  | 3            | 16  | 10  | 3/13 - 4/26 |
| SKPT 114-WN210   | STAT BOILER OP IV    | Compressed  | LCLB      | DLTA     | MW   | 5:00P - 7:55P   | M104 | 3            | 10  | 9   | 2/13 - 4/9  |
| SKWL 103-WN510   | INTRO TO CUTTING     | Compressed  | LCLB      | DLTA     | M    | 5:00P - 9:25P   | L140 | 3            | 5   | 4   | 1/30 - 4/9  |
| <small>Students must contact the Skilled Trades Operations Manager for permission to register for this class. Russ Holtman: OfficeM-128, Phone: (989)686-9476, or (989)686-9258.</small>   |                      |             |           |          |      |                 |      |              |     |     |             |
| SKWL 103-WN520   | INTRO TO CUTTING     | Compressed  | LCLB      | DLTA     | R    | 5:00P - 9:25P   | L140 | 3            | 5   | 6   | 2/2 - 4/12  |
| <small>Students must contact the Skilled Trades Operations Manager for permission to register for this class. Russ Holtman: OfficeM-128, Phone: (989)686-9476, or (989)686-9258.</small>   |                      |             |           |          |      |                 |      |              |     |     |             |
| SKWL 103-WN530   | INTRO TO CUTTING     | Compressed  | LCLB      | DLTA     | T    | 5:00P - 9:25P   | L140 | 3            | 5   | 5   | 1/31 - 4/10 |
| <small>Students must contact the Skilled Trades Operations Manager for permission to register for this class. Russ Holtman: OfficeM-128, Phone: (989)686-9476, or (989)686-9258.</small>   |                      |             |           |          |      |                 |      |              |     |     |             |
| SKWL 104-WN510   | INTR SHLD ARC WLDING | Compressed  | LCLB      | DLTA     | W    | 5:00P - 9:25P   | L140 | 3            | 5   | 6   | 2/15 - 4/25 |
| <small>Students must contact the Skilled Trades Operations Manager for permission to register for this class. Russ Holtman: OfficeM-128, Phone: (989)686-9476, or (989)686-9258.</small>   |                      |             |           |          |      |                 |      |              |     |     |             |
| WELD 103-WN510   | INTRO TO CUTTING     | Compressed  | LCLB      | DLTA     | M    | 5:00P - 9:25P   | L140 | 3            | 7   | 7   | 1/30 - 4/9  |
| WELD 103-WN520   | INTRO TO CUTTING     | Compressed  | LCLB      | DLTA     | R    | 5:00P - 9:25P   | L140 | 3            | 7   | 7   | 2/2 - 4/12  |
| WELD 103-WN530   | INTRO TO CUTTING     | Compressed  | LCLB      | DLTA     | T    | 5:00P - 9:25P   | L141 | 3            | 7   | 7   | 1/31 - 4/10 |
| WELD 104-WN220   | INTR SHLD ARC WLDNG  | Compressed  | LCLB      | OTHR     | T    | 5:00P - 9:25P   | BCRK | 3            | 10  | 11  | 2/14 - 4/24 |
| WELD 104-WN510   | INTR SHLD ARC WLDNG  | Compressed  | LCLB      | DLTA     | W    | 5:00P - 9:25P   | L140 | 3            | 5   | 5   | 2/15 - 4/25 |
| <small>Note - THEORY COURSE: Students must register for NUR-000 Clinical Entry. Individual course sections will be assigned by the Nursing Office following registration for clinical entry. Students will also be registered for Elsevier Computerized Testing Fee 902.</small>   |                      |             |           |          |      |                 |      |              |     |     |             |
| NUR 101AW-WN110  | NSG FUNDAMENTALS     | Compressed  | LCLB      | DLTA     | M    | 8:00A - 12:30P  | F251 | 3.5          | 30  | 30  | 1/9 - 2/27  |
|  |                      | Compressed  | LN2       | DLTA     | TR   | 9:00A - 12:00P  | F251 | 3.5          |     |     | 1/10 - 2/23 |
| NUR 101AW-WN120  | NSG FUNDAMENTALS     | Compressed  | LCLB      | DLTA     | M    | 8:00A - 3:00P   | F250 | 3.5          | 30  | 30  | 1/9 - 2/27  |
|  |                      | Compressed  | LN2       | DLTA     | T    | 8:00A - 11:00A  | F250 | 3.5          |     |     | 1/10 - 2/28 |
| CPI 210-WN110  | CHEM & UNIT OPERTNS  | Compressed  | LCLB      | DLTA     | M    | 12:00P - 3:55P  | L130 | 4            | 16  | 8   | 1/23 - 3/13 |
|  |                      | Compressed  | LN2       | DLTA     | TR   | 12:00P - 3:55P  | L131 | 4            |     |     | 1/23 - 3/13 |
|  |                      | Compressed  | LN2       | DLTA     | W    | 12:00P - 1:55P  | L130 | 4            |     |     | 1/23 - 3/13 |
| CPI 210-WN120  | CHEM & UNIT OPERTNS  | Compressed  | LCLB      | DLTA     | MW   | 8:00A - 11:40A  | L130 | 4            | 16  | 13  | 1/23 - 3/13 |
|  |                      | Compressed  | LCLB      | DLTA     | TR   | 8:00A - 11:40A  | L131 | 4            |     |     | 1/23 - 3/13 |
| CPI 250W-WN110   | ADV CHEM OPERATIONS  | Compressed  | LCLB      | DLTA     | MW   | 8:00A - 11:40A  | L131 | 4            | 16  | 15  | 1/9 - 2/9   |
|  |                      | Compressed  | LN2       | DLTA     | TR   | 8:00A - 11:40A  | L130 | 4            |     |     | 1/9 - 2/9   |
| CPI 250W-WN120   | ADV CHEM OPERATIONS  | Compressed  | LCLB      | DLTA     | M    | 12:00P - 3:55P  | L131 | 4            | 16  | 16  | 1/9 - 2/9   |
|  |                      | Compressed  | LN2       | DLTA     | TR   | 12:00P - 3:55P  | L130 | 4            |     |     | 1/9 - 2/9   |
|  |                      | Compressed  | LCLB      | DLTA     | W    | 12:00P - 1:55P  | L131 | 4            |     |     | 1/9 - 2/9   |
| CPI 260W-WN110   | PROC OPER MNGMNT     | Compressed  | LCLB      | DLTA     | MW   | 8:00A - 12:00P  | L131 | 4            | 16  | 15  | 3/19 - 4/26 |
|  |                      | Compressed  | LN2       | DLTA     | TR   | 8:00A - 12:30P  | L130 | 4            |     |     | 3/19 - 4/26 |
| CPI 260W-WN120   | PROC OPER MNGMNT     | Compressed  | LCLB      | DLTA     | T    | 12:00P - 3:55P  | L131 | 4            | 16  | 16  | 3/19 - 4/26 |
|  |                      | Compressed  | LN2       | DLTA     | M    | 12:00P - 3:55P  | L130 | 4            |     |     | 3/19 - 4/26 |
|  |                      | Compressed  | LCLB      | DLTA     | R    | 12:00P - 3:55P  | L131 | 4            |     |     | 3/19 - 4/26 |
|  |                      | Compressed  | LN2       | DLTA     | W    | 12:00P - 1:55P  | L130 | 4            |     |     | 3/19 - 4/26 |
| DMS 212-WN110  | US SEMINAR II        | Compressed  | LCLB      | DLTA     | M    | 8:00A - 11:25A  | F241 | 4            | 12  | 11  | 1/9 - 3/26  |
|  |                      | Compressed  | LCLB      | DLTA     | M    | 12:00P - 1:55P  | F241 | 4            |     |     | 1/9 - 3/26  |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name   | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|----------------|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| RC 204-WN110   | FINISH & HARDWARE   | Compressed  | LCLB      | DLTA     | M    | 9:00A - 3:55P   | M150 | 4            | 15  | 18  | 1/9 - 4/9   |
| AUT 214W-WN110 | HEAT & AIR COND SRV | Compressed  | LCLB      | DLTA     | MT   | 7:30A - 9:25A   | M161 | 5            | 16  | 13  | 3/26 - 4/25 |
|                |                     | Compressed  | LN2       | DLTA     | MT   | 9:30A - 11:25A  | M115 | 5            |     |     | 3/26 - 4/25 |
|                |                     | Compressed  | LN2       | DLTA     | MT   | 11:30A - 11:55A | M161 | 5            |     |     | 3/26 - 4/25 |
|                |                     | Compressed  | LN2       | DLTA     | MT   | 1:00P - 2:25P   | M161 | 5            |     |     | 3/26 - 4/25 |
|                |                     | Compressed  | LN2       | DLTA     | MT   | 2:30P - 4:25P   | M115 | 5            |     |     | 3/26 - 4/25 |
|                |                     | Compressed  | LN2       | DLTA     | MT   | 4:30P - 4:55P   | M161 | 5            |     |     | 3/26 - 4/25 |
|                |                     | Compressed  | LN2       | DLTA     | W    | 7:30A - 8:25A   | M161 | 5            |     |     | 3/26 - 4/25 |
|                |                     | Compressed  | LN2       | DLTA     | W    | 8:30A - 10:25A  | M115 | 5            |     |     | 3/26 - 4/25 |

"Click" course link to the left for more class meeting times.

|                |                     |            |      |      |      |                |      |   |    |    |            |
|----------------|---------------------|------------|------|------|------|----------------|------|---|----|----|------------|
| AUT 214W-WN210 | HEAT & AIR COND SRV | Compressed | LCLB | DLTA | MTWR | 6:00P - 8:25P  | M161 | 5 | 16 | 17 | 1/30 - 3/1 |
|                |                     | Compressed | LCLB | DLTA | MTWR | 8:30P - 10:55P | M115 | 5 |    |    | 1/30 - 3/1 |

"Click" course link to the left for more class meeting times.

|               |                   |            |      |      |    |                 |      |   |   |   |             |
|---------------|-------------------|------------|------|------|----|-----------------|------|---|---|---|-------------|
| AGM 216-WN110 | DRIVELINE SERVICE | Compressed | LCLB | DLTA | W  | 11:00A - 11:55A | M153 | 6 | 8 | 7 | 3/16 - 4/20 |
|               |                   | Compressed | LN2  | DLTA | W  | 1:30P - 1:55P   | M153 | 6 |   |   | 3/16 - 4/20 |
|               |                   | Compressed | LN2  | DLTA | W  | 12:00P - 1:25P  | M110 | 6 |   |   | 3/16 - 4/20 |
|               |                   | Compressed | LN2  | DLTA | RF | 7:30A - 9:25A   | M153 | 6 |   |   | 3/16 - 4/20 |
|               |                   | Compressed | LN2  | DLTA | RF | 9:30A - 11:25A  | M110 | 6 |   |   | 3/16 - 4/20 |
|               |                   | Compressed | LN2  | DLTA | RF | 11:30A - 11:55A | M153 | 6 |   |   | 3/16 - 4/20 |
|               |                   | Compressed | LN2  | DLTA | RF | 1:00P - 2:25P   | M153 | 6 |   |   | 3/16 - 4/20 |
|               |                   | Compressed | LN2  | DLTA | RF | 2:30P - 4:55P   | M110 | 6 |   |   | 3/16 - 4/20 |
|               |                   | Compressed | LN2  | DLTA | RF | 5:00P - 5:40P   | M153 | 6 |   |   | 3/16 - 4/20 |

"Click" course link to the left for more class meeting times.

|               |                   |            |      |      |    |                 |      |   |   |   |             |
|---------------|-------------------|------------|------|------|----|-----------------|------|---|---|---|-------------|
| AUT 216-WN510 | DRIVELINE SERVICE | Compressed | LCLB | DLTA | W  | 11:00A - 11:55A | M153 | 6 | 8 | 2 | 3/16 - 4/20 |
|               |                   | Compressed | LN2  | DLTA | W  | 1:30P - 1:55P   | M153 | 6 |   |   | 3/16 - 4/20 |
|               |                   | Compressed | LN2  | DLTA | W  | 12:00P - 1:25P  | M110 | 6 |   |   | 3/16 - 4/20 |
|               |                   | Compressed | LN2  | DLTA | RF | 7:30A - 9:25A   | M153 | 6 |   |   | 3/16 - 4/20 |
|               |                   | Compressed | LN2  | DLTA | RF | 9:30A - 11:25A  | M110 | 6 |   |   | 3/16 - 4/20 |
|               |                   | Compressed | LN2  | DLTA | RF | 11:30A - 11:55A | M153 | 6 |   |   | 3/16 - 4/20 |
|               |                   | Compressed | LN2  | DLTA | RF | 1:00P - 2:25P   | M153 | 6 |   |   | 3/16 - 4/20 |
|               |                   | Compressed | LN2  | DLTA | RF | 2:30P - 4:55P   | M110 | 6 |   |   | 3/16 - 4/20 |
|               |                   | Compressed | LN2  | DLTA | RF | 5:00P - 5:40P   | M153 | 6 |   |   | 3/16 - 4/20 |

"Click" course link to the left for more class meeting times.

Note: THEORY COURSE: Must also register for lab section and Elsevier computerized assessment testing (FEE 901). Lecture schedule alternates weeks with sim/clinical schedule. Detailed calendar provided by instructor.

|                |                    |            |      |      |    |                 |      |   |    |    |             |
|----------------|--------------------|------------|------|------|----|-----------------|------|---|----|----|-------------|
| PNE 122W-WN120 | CARE OF ADULT I    | Compressed | LCLB | DLTA | M  | 1:00P - 4:00P   | F255 | 6 | 20 | 20 | 1/16 - 4/17 |
|                |                    | Compressed | LN2  | DLTA | T  | 1:00P - 4:00P   | F255 | 6 |    |    | 1/17 - 4/10 |
|                |                    | Compressed | LCLB | DLTA | T  | 1:00P - 4:00P   | F255 | 6 |    |    | 4/17 - 4/17 |
| AUT 212W-WN110 | SUSPENSION SERVICE | Compressed | LCLB | DLTA | MT | 7:30A - 9:25A   | M161 | 7 | 16 | 13 | 1/30 - 3/21 |
|                |                    | Compressed | LN2  | DLTA | MT | 11:30A - 11:55A | M161 | 7 |    |    | 1/30 - 3/21 |
|                |                    | Compressed | LN2  | DLTA | W  | 7:30A - 8:25A   | M161 | 7 |    |    | 1/30 - 3/21 |
|                |                    | Compressed | LN2  | DLTA | W  | 8:30A - 10:25A  | M115 | 7 |    |    | 1/30 - 3/21 |
|                |                    | Compressed | LN2  | DLTA | MT | 9:30A - 11:25A  | M115 | 7 |    |    | 1/30 - 3/21 |
|                |                    | Compressed | LN2  | DLTA | MT | 1:00P - 2:25P   | M161 | 7 |    |    | 1/30 - 3/21 |
|                |                    | Compressed | LN2  | DLTA | MT | 2:30P - 4:25P   | M115 | 7 |    |    | 1/30 - 3/21 |
|                |                    | Compressed | LN2  | DLTA | MT | 4:30P - 4:55P   | M161 | 7 |    |    | 1/30 - 3/21 |

"Click" course link to the left for more class meeting times.

|                |                    |            |      |      |      |                |      |   |    |    |             |
|----------------|--------------------|------------|------|------|------|----------------|------|---|----|----|-------------|
| AUT 212W-WN310 | SUSPENSION SERVICE | Compressed | LCLB | DLTA | MTWR | 6:00P - 8:55P  | M161 | 7 | 16 | 15 | 3/12 - 4/26 |
|                |                    | Compressed | LCLB | DLTA | MTWR | 9:00P - 10:55P | M115 | 7 |    |    | 3/12 - 4/26 |

"Click" course link to the left for more class meeting times.

|               |                      |            |      |      |    |               |      |   |    |    |            |
|---------------|----------------------|------------|------|------|----|---------------|------|---|----|----|------------|
| AUT 226-WN110 | ADV ELEC ENG FUEL SV | Compressed | LCLB | DLTA | MT | 7:30A - 9:25A | M153 | 7 | 16 | 15 | 1/9 - 2/27 |
|---------------|----------------------|------------|------|------|----|---------------|------|---|----|----|------------|



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name  | Title                | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|---|----------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| AUT 226-WN110   |                      | Compressed  | LN2       | DLTA     | W    | 10:00A - 10:25A | M153 | 7            |     |     | 1/9 - 2/27  |
|   |                      | Compressed  | LN2       | DLTA     | MT   | 9:30A - 11:25A  | M110 | 7            |     |     | 1/9 - 2/27  |
|   |                      | Compressed  | LN2       | DLTA     | MT   | 11:30A - 11:55A | M153 | 7            |     |     | 1/9 - 2/27  |
|   |                      | Compressed  | LN2       | DLTA     | MT   | 1:00P - 2:25P   | M153 | 7            |     |     | 1/9 - 2/27  |
|   |                      | Compressed  | LN2       | DLTA     | MT   | 2:30P - 4:25P   | M110 | 7            |     |     | 1/9 - 2/27  |
|   |                      | Compressed  | LN2       | DLTA     | MT   | 4:30P - 4:55P   | M153 | 7            |     |     | 1/9 - 2/27  |
|   |                      | Compressed  | LN2       | DLTA     | W    | 7:30A - 8:25A   | M153 | 7            |     |     | 1/9 - 2/27  |
|   |                      | Compressed  | LN2       | DLTA     | W    | 8:30A - 9:55A   | M110 | 7            |     |     | 1/9 - 2/27  |
| "Click" course link to the left for more class meeting times. |                      |             |           |          |      |                 |      |              |     |     |             |
| AUT 226-WN310   | ADV ELEC ENG FUEL SV | Compressed  | LCLB      | DLTA     | MTWR | 6:00P - 10:55P  | M110 | 7            | 16  | 11  | 1/9 - 2/28  |
| "Click" course link to the left for more class meeting times. |                      |             |           |          |      |                 |      |              |     |     |             |
| AUT 228W-WN110  | ELEC ENG PERF EMISS  | Compressed  | LCLB      | DLTA     | MT   | 7:30A - 9:25A   | M153 | 7            | 16  | 16  | 2/28 - 4/25 |
|   |                      | Compressed  | LN2       | DLTA     | W    | 10:00A - 10:25A | M153 | 7            |     |     | 2/28 - 4/25 |
|   |                      | Compressed  | LN2       | DLTA     | MT   | 9:30A - 11:25A  | M110 | 7            |     |     | 2/28 - 4/25 |
|   |                      | Compressed  | LN2       | DLTA     | MT   | 11:30A - 11:55A | M153 | 7            |     |     | 2/28 - 4/25 |
|   |                      | Compressed  | LN2       | DLTA     | MT   | 1:00P - 2:25P   | M153 | 7            |     |     | 2/28 - 4/25 |
|   |                      | Compressed  | LN2       | DLTA     | MT   | 2:30P - 4:25P   | M110 | 7            |     |     | 2/28 - 4/25 |
|   |                      | Compressed  | LN2       | DLTA     | MT   | 4:30P - 4:55P   | M153 | 7            |     |     | 2/28 - 4/25 |
|   |                      | Compressed  | LN2       | DLTA     | W    | 7:30A - 8:25A   | M153 | 7            |     |     | 2/28 - 4/25 |
|   |                      | Compressed  | LN2       | DLTA     | W    | 8:30A - 9:55A   | M110 | 7            |     |     | 2/28 - 4/25 |
| "Click" course link to the left for more class meeting times. |                      |             |           |          |      |                 |      |              |     |     |             |
| AUT 228W-WN210  | ELEC ENG PERF EMISS  | Compressed  | LCLB      | DLTA     | MTWR | 6:00P - 10:55P  | M110 | 7            | 16  | 11  | 2/29 - 4/26 |
| "Click" course link to the left for more class meeting times. |                      |             |           |          |      |                 |      |              |     |     |             |
| AGM 218W-WN110  | AUTO ELEC TRANS      | Compressed  | LCLB      | DLTA     | W    | 11:00A - 11:55A | M153 | 8            | 8   | 7   | 1/11 - 3/15 |
|   |                      | Compressed  | LN2       | DLTA     | W    | 1:30P - 1:55P   | M153 | 8            |     |     | 1/11 - 3/15 |
|   |                      | Compressed  | LN2       | DLTA     | W    | 12:00P - 1:25P  | M110 | 8            |     |     | 1/11 - 3/15 |
|   |                      | Compressed  | LN2       | DLTA     | RF   | 7:30A - 9:25A   | M153 | 8            |     |     | 1/11 - 3/15 |
|   |                      | Compressed  | LN2       | DLTA     | RF   | 9:30A - 11:25A  | M110 | 8            |     |     | 1/11 - 3/15 |
|   |                      | Compressed  | LN2       | DLTA     | RF   | 11:30A - 11:55A | M153 | 8            |     |     | 1/11 - 3/15 |
|   |                      | Compressed  | LN2       | DLTA     | RF   | 1:00P - 2:25P   | M153 | 8            |     |     | 1/11 - 3/15 |
|   |                      | Compressed  | LN2       | DLTA     | RF   | 2:30P - 4:55P   | M110 | 8            |     |     | 1/11 - 3/15 |
|   |                      | Compressed  | LN2       | DLTA     | RF   | 5:00P - 5:40P   | M153 | 8            |     |     | 1/11 - 3/15 |
| "Click" course link to the left for more class meeting times. |                      |             |           |          |      |                 |      |              |     |     |             |
| AUT 218W-WN510  | AUTO ELEC TRANS      | Compressed  | LCLB      | DLTA     | W    | 11:00A - 11:55A | M153 | 8            | 8   | 1   | 1/11 - 3/15 |
|   |                      | Compressed  | LN2       | DLTA     | W    | 1:30P - 1:55P   | M153 | 8            |     |     | 1/11 - 3/15 |
|   |                      | Compressed  | LN2       | DLTA     | W    | 12:00P - 1:25P  | M110 | 8            |     |     | 1/11 - 3/15 |
|   |                      | Compressed  | LN2       | DLTA     | RF   | 7:30A - 9:25A   | M153 | 8            |     |     | 1/11 - 3/15 |
|   |                      | Compressed  | LN2       | DLTA     | RF   | 9:30A - 11:25A  | M110 | 8            |     |     | 1/11 - 3/15 |
|   |                      | Compressed  | LN2       | DLTA     | RF   | 11:30A - 11:55A | M153 | 8            |     |     | 1/11 - 3/15 |
|   |                      | Compressed  | LN2       | DLTA     | RF   | 1:00P - 2:25P   | M153 | 8            |     |     | 1/11 - 3/15 |
|   |                      | Compressed  | LN2       | DLTA     | RF   | 2:30P - 4:55P   | M110 | 8            |     |     | 1/11 - 3/15 |
|   |                      | Compressed  | LN2       | DLTA     | RF   | 5:00P - 5:40P   | M153 | 8            |     |     | 1/11 - 3/15 |
| "Click" course link to the left for more class meeting times. |                      |             |           |          |      |                 |      |              |     |     |             |
| WELD 224W-WN110   | ADV SMA WELD         | Compressed  | LCLB      | DLTA     | MT   | 10:00A - 4:25P  | L140 | 8            | 12  | 9   | 1/9 - 2/22  |
|   |                      | Compressed  | LN2       | DLTA     | W    | 10:00A - 1:55P  | L140 | 8            |     |     | 1/9 - 2/22  |
| WELD 224W-WN120   | ADV SMA WELD         | Compressed  | LCLB      | DLTA     | MT   | 10:00A - 4:25P  | L140 | 8            | 12  | 9   | 2/27 - 4/18 |
|   |                      | Compressed  | LN2       | DLTA     | W    | 10:00A - 1:55P  | L140 | 8            |     |     | 2/27 - 4/18 |
| WELD 224W-WN210   | ADV SMA WELD         | Compressed  | LCLB      | DLTA     | TR   | 5:00P - 9:30P   | L140 | 8            | 12  | 12  | 1/17 - 4/19 |
| WELD 224W-WN220   | ADV SMA WELD         | Compressed  | LCLB      | DLTA     | MW   | 5:00P - 9:30P   | L140 | 8            | 10  | 9   | 1/16 - 4/18 |
| WELD 226W-WN120   | GAS TUNGSTN ARC WLD  | Compressed  | LCLB      | DLTA     | MT   | 10:00A - 4:30P  | L140 | 8            | 12  | 12  | 1/9 - 2/22  |
|   |                      | Compressed  | LN2       | DLTA     | W    | 10:00A - 1:55P  | L140 | 8            |     |     | 1/9 - 2/22  |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name   | Title               | Term Length | Inst Meth | Location | Days  | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|--|---------------------|-------------|-----------|----------|-------|-----------------|------|--------------|-----|-----|-------------|
| WELD 226W-WN130  | GAS TUNGSTN ARC WLD | Compressed  | LCLB      | DLTA     | MT    | 10:00A - 4:30P  | L140 | 8            | 12  | 11  | 2/27 - 4/18 |
|  |                     | Compressed  | LN2       | DLTA     | W     | 10:00A - 1:55P  | L140 | 8            |     |     | 2/27 - 4/18 |
| WELD 226W-WN210  | GAS TUNGSTN ARC WLD | Compressed  | LCLB      | DLTA     | MW    | 5:00P - 9:30P   | L140 | 8            | 10  | 10  | 1/16 - 4/18 |
| WELD 226W-WN220  | GAS TUNGSTN ARC WLD | Compressed  | LCLB      | DLTA     | TR    | 5:00P - 9:30P   | L140 | 8            | 12  | 12  | 1/17 - 4/19 |
| PTA 224W-WN110   | PTA CLINIC 3        | Compressed  | LCLB      | DLTA     | MTWRF | 8:00A - 4:55P   | TBA  | 9            | 22  | 18  | 1/23 - 4/20 |
| LWA 206B-WN110   | OCCUPATION WELLNE   | Regular     | LCLB      | DLTA     | M     | 2:30P - 3:25P   | P211 | 0.5          | 23  | 17  | 1/9 - 4/23  |
| Note: This section reserved for Physical Therapy Assistant students.   |                     |             |           |          |       |                 |      |              |     |     |             |
| LWA 206C-WN120   | OCCUPATION WELLNE   | Regular     | LCLB      | DLTA     | M     | 9:00A - 9:55A   | P121 | 0.5          | 20  | 17  | 1/9 - 4/16  |
| This section reserved for Dental Hygiene students.   |                     |             |           |          |       |                 |      |              |     |     |             |
| LWA 206C-WN145   | OCCUPATION WELLNE   | Regular     | LCLB      | DLTA     |       | 12:00P - 1:25P  | F024 | 0.5          | 20  | 13  | 3/6 - 6/19  |
| This section reserved for Radiography students   |                     |             |           |          |       |                 |      |              |     |     |             |
| PTA 123LW-WN110  | CLINIC MEDICINE LAB | Regular     | LCLB      | DLTA     | M     | 12:30P - 1:25P  | P126 | 0.5          | 10  | 7   | 1/9 - 4/23  |
| PTA 123LW-WN120  | CLINIC MEDICINE LAB | Regular     | LCLB      | DLTA     | M     | 1:30P - 2:25P   | P126 | 0.5          | 10  | 9   | 1/9 - 4/23  |
| Note: Although not required, concurrent enrollment in AST 111 and 111L is recommended. One night of observing with telescopes is required. |                     |             |           |          |       |                 |      |              |     |     |             |
| AST 111L-WN110   | ASTRONOMICAL INVEST | Regular     | LCLB      | DLTA     | W     | 12:00P - 1:55P  | N200 | 1            | 20  | 18  | 1/11 - 4/25 |
| AST 111L-WN120   | ASTRONOMICAL INVEST | Regular     | LCLB      | DCPL     | F     | 1:00P - 2:55P   | 221  | 1            | 20  | 15  | 1/13 - 4/27 |
| AST 111L-WN210   | ASTRONOMICAL INVEST | Regular     | LCLB      | DLTA     | T     | 4:00P - 5:55P   | N200 | 1            | 20  | 19  | 1/10 - 4/24 |
| AST 111L-WN310   | ASTRONOMICAL INVEST | Regular     | LCLB      | DLTA     | M     | 6:00P - 7:55P   | N200 | 1            | 20  | 18  | 1/9 - 4/23  |
| CHM 210LW-WN110  | ORGANIC CHEM I LAB  | Regular     | LCLB      | DLTA     | M     | 2:00P - 5:55P   | C131 | 1            | 18  | 14  | 1/9 - 4/23  |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> .   |                     |             |           |          |       |                 |      |              |     |     |             |
| CHM 220LW-WN110  | ORGANIC CHEM II LAB | Regular     | LCLB      | DLTA     | W     | 10:00A - 1:55P  | C131 | 1            | 18  | 16  | 1/11 - 4/25 |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> .   |                     |             |           |          |       |                 |      |              |     |     |             |
| CHM 220LW-WN310  | ORGANIC CHEM II LAB | Regular     | LCLB      | DLTA     | W     | 6:00P - 9:55P   | C131 | 1            | 18  | 16  | 1/11 - 4/25 |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> .   |                     |             |           |          |       |                 |      |              |     |     |             |
| DH 123L-WN110  | DENT RAD LAB        | Regular     | LCLB      | DLTA     | R     | 1:30P - 4:25P   | F129 | 1            | 9   | 7   | 1/12 - 4/26 |
| DH 123L-WN120  | DENT RAD LAB        | Regular     | LCLB      | DLTA     | T     | 1:30P - 4:25P   | F129 | 1            | 9   | 8   | 1/10 - 4/24 |
| DH 228-WN110   | DH SEMINAR III      | Regular     | LCLB      | DLTA     | R     | 9:00A - 11:55A  | F006 | 1            | 18  | 16  | 1/12 - 4/26 |
| Note: Course packet REQUIRED on first class meeting.   |                     |             |           |          |       |                 |      |              |     |     |             |
| LWA 101-WN120  | FITNESS FOR LIFE    | Regular     | LCLB      | DLTA     | F     | 8:00A - 9:55A   | P121 | 1            | 24  | 20  | 1/13 - 4/27 |
| Note: GI optional, covered on first class meeting.   |                     |             |           |          |       |                 |      |              |     |     |             |
| LWA 113-WN110  | TAE KWON DO I       | Regular     | LCLB      | DLTA     | F     | 10:00A - 11:55A | P211 | 1            | 16  | 13  | 1/13 - 4/27 |
| LWA 113-WN120  | TAE KWON DO I       | Regular     | LCLB      | DLTA     | F     | 12:00P - 1:55P  | P211 | 1            | 16  | 13  | 1/13 - 4/27 |
| LWA 113-WN130  | TAE KWON DO I       | Regular     | LN2       | DLTA     | F     | 2:00P - 3:55P   | P211 | 1            | 16  | 16  | 1/13 - 4/27 |
| Note: GI optional, covered on first class meeting.   |                     |             |           |          |       |                 |      |              |     |     |             |
| LWA 114-WN110  | TAE KWON DO II      | Regular     | LCLB      | DLTA     | F     | 10:00A - 11:55A | P211 | 1            | 5   | 4   | 1/13 - 4/27 |
| LWA 114-WN120  | TAE KWON DO II      | Regular     | LCLB      | DLTA     | F     | 12:00P - 1:55P  | P211 | 1            | 5   | 7   | 1/13 - 4/27 |
| LWA 115-WN110  | AIKIDO              | Regular     | LCLB      | DLTA     | R     | 12:00P - 1:55P  | P211 | 1            | 20  | 23  | 1/12 - 4/26 |
| Note: Student MUST wear a GI, can purchase from instructor. New \$30-\$35; Used (limited number available) \$15-\$20.                      |                     |             |           |          |       |                 |      |              |     |     |             |
| LWA 118-WN310  | SPORTS JUDO         | Regular     | LCLB      | DLTA     | M     | 7:00P - 8:55P   | N220 | 1            | 16  | 17  | 1/9 - 4/23  |
| LWA 119-WN130  | JUJITSU             | Regular     | LCLB      | DLTA     | F     | 9:30A - 11:25A  | P205 | 1            | 16  | 14  | 1/13 - 4/27 |
| LWA 119-WN140  | JUJITSU             | Regular     | LCLB      | DLTA     | TR    | 10:00A - 10:55A | P205 | 1            | 16  | 15  | 1/10 - 4/26 |
| LWA 122-WN110  | FENCING I           | Regular     | LCLB      | DLTA     | R     | 11:00A - 12:55P | N110 | 1            | 17  | 15  | 1/12 - 4/26 |
| Note: Course packet REQUIRED on first class meeting.   |                     |             |           |          |       |                 |      |              |     |     |             |
| LWA 124-WN110  | BASKETBALL          | Regular     | LCLB      | DLTA     | M     | 12:00P - 1:55P  | N110 | 1            | 20  | 19  | 1/9 - 4/23  |
|  |                     | Regular     | LN2       | DLTA     | M     | 12:00P - 1:55P  | F101 | 1            |     |     | 1/9 - 4/23  |
| Note: Course packet REQUIRED on first class meeting. All equipment provided.   |                     |             |           |          |       |                 |      |              |     |     |             |
| LWA 157-WN110  | STEP AEROBICS       | Regular     | LCLB      | DLTA     | T     | 4:00P - 5:55P   | P209 | 1            | 24  | 23  | 1/10 - 4/24 |
| LWA 157-WN120  | STEP AEROBICS       | Regular     | LCLB      | DLTA     | R     | 2:00P - 3:55P   | P211 | 1            | 24  | 23  | 1/12 - 4/26 |
| Note: Course packet REQUIRED on first class meeting.   |                     |             |           |          |       |                 |      |              |     |     |             |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name   | Title                 | Term Length | Inst Meth | Location | Days  | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|--|-----------------------|-------------|-----------|----------|-------|-----------------|------|--------------|-----|-----|-------------|
| LWA 158-WN110  | PILATES               | Regular     | LCLB      | DLTA     | T     | 2:00P - 3:55P   | P209 | 1            | 18  | 16  | 1/10 - 4/24 |
| LWA 158-WN130  | PILATES               | Regular     | LCLB      | DLTA     | M     | 10:00A - 11:55A | P211 | 1            | 18  | 14  | 1/9 - 4/23  |
| LWA 158-WN140  | PILATES               | Regular     | LCLB      | DLTA     | T     | 12:00P - 1:55P  | P211 | 1            | 18  | 15  | 1/10 - 4/24 |
| <u>Note: Course packet REQUIRED on first class meeting.</u>  |                       |             |           |          |       |                 |      |              |     |     |             |
| LWA 159-WN130  | FITNESS WALKING       | Regular     | LCLB      | RICK     | F     | 10:00A - 11:55A | 115  | 1            | 24  | 20  | 1/13 - 4/27 |
| LWA 159-WN150  | FITNESS WALKING       | Regular     | LCLB      | DLTA     | M     | 2:00P - 3:55P   | N210 | 1            | 24  | 19  | 1/9 - 4/23  |
| LWA 159-WN160  | FITNESS WALKING       | Regular     | LCLB      | DLTA     | M     | 2:00P - 3:55P   | F241 | 1            | 24  | 17  | 1/9 - 4/23  |
| <u>Dress Requirements (ladies) Plain leotard preferably black or dark color, black or tan tights and jazz shoes, either the gore style shoe or tie, black or tan. (Men) Plain white t-shirt, bike shorts or snug fitting gym short, black or tan jazz shoes, either gore style or tie.</u>                         |                       |             |           |          |       |                 |      |              |     |     |             |
| LWA 165-WN110  | DANCE I               | Regular     | LCLB      | DLTA     | W     | 10:00A - 11:55A | P211 | 1            | 20  | 14  | 1/11 - 4/25 |
| <u>Dress Requirements (ladies) black leotard, pink tights( with or without seams) pink or white ballet slippers. Ballet skirt is optional but not mandatory. (Men) white t-shirt, bike shorts or snug fitting gym short, black ballet shoes.</u>   |                       |             |           |          |       |                 |      |              |     |     |             |
| LWA 167-WN110  | BALLET I              | Regular     | LCLB      | DLTA     | W     | 8:00A - 9:55A   | P211 | 1            | 20  | 15  | 1/11 - 4/25 |
| LWA 172-WN120  | SWIMMING I            | Regular     | LCLB      | DLTA     | T     | 2:00P - 3:55P   | P150 | 1            | 10  | 9   | 1/10 - 4/24 |
| LWA 173-WN110  | SWIMMING II           | Regular     | LCLB      | DLTA     | T     | 2:00P - 3:55P   | P150 | 1            | 5   | 4   | 1/10 - 4/24 |
| LWA 174-WN110  | SWIMMING III COND     | Regular     | LCLB      | DLTA     | T     | 2:00P - 3:55P   | P150 | 1            | 5   | 5   | 1/10 - 4/24 |
| LWA 183-WN110  | WATER AEROBICS I      | Regular     | LCLB      | DLTA     | R     | 2:00P - 3:55P   | P150 | 1            | 24  | 24  | 1/12 - 4/26 |
| LWA 210-WN130  | TAE KWON DO III       | Regular     | LCLB      | DLTA     | F     | 2:00P - 3:55P   | P211 | 1            | 6   | 6   | 1/13 - 4/27 |
| <u>Note: Requires acceptance to Delta College Police Academy. Contact Criminal Justice Training Center, 686-9110.</u>  |                       |             |           |          |       |                 |      |              |     |     |             |
| OAT 153-WN110  | POLICE REPORT WRIT    | Regular     | LCLB      | DLTA     | MTWRF | 7:00A - 4:55P   | C111 | 1            | 50  | 19  | 1/16 - 5/11 |
| OAT 153-WN120  | POLICE REPORT WRIT    | Regular     | LCLB      | DLTA     | MTWRF | 7:00A - 4:55P   | C111 | 1            | 0   | 0   | 1/16 - 5/11 |
| PTA 120L-WN110   | ORTHO REHAB LAB       | Regular     | LCLB      | DLTA     | T     | 12:30P - 1:55P  | P126 | 1            | 10  | 7   | 1/10 - 4/26 |
|  |                       | Regular     | LN2       | DLTA     | R     | 1:00P - 2:25P   | P126 | 1            |     |     | 1/10 - 4/26 |
| PTA 120L-WN120   | ORTHO REHAB LAB       | Regular     | LCLB      | DLTA     | T     | 2:00P - 3:25P   | P126 | 1            | 10  | 10  | 1/10 - 4/26 |
|  |                       | Regular     | LN2       | DLTA     | R     | 11:30A - 12:55P | P126 | 1            |     |     | 1/10 - 4/26 |
| PTA 125-WN110  | APPLD CLIN ANAT II    | Regular     | LCLB      | DLTA     | T     | 9:00A - 9:55A   | P110 | 1            | 20  | 16  | 1/10 - 4/24 |
| PTA 125LW-WN110  | APP CLIN ANA II LAB   | Regular     | LCLB      | DLTA     | T     | 12:30P - 1:55P  | P124 | 1            | 10  | 7   | 1/10 - 4/26 |
|  |                       | Regular     | CLN       | DLTA     | R     | 11:30A - 12:55P | P124 | 1            |     |     | 1/10 - 4/26 |
| PTA 125LW-WN120  | APP CLIN ANA II LAB   | Regular     | LCLB      | DLTA     | T     | 2:00P - 3:25P   | P124 | 1            | 10  | 9   | 1/10 - 4/26 |
|  |                       | Regular     | LN2       | DLTA     | R     | 1:00P - 2:25P   | P124 | 1            |     |     | 1/10 - 4/26 |
| RT 149-WN110   | CLIN ED 2 SEMINAR     | Regular     | LCLB      | DLTA     |       | -               |      | 1            | 17  | 15  | 1/9 - 4/23  |
| <u>Note: Meets Mondays 12PM-1:55PM various weeks. A master schedule for the semester will be provided before classes begin.</u>  |                       |             |           |          |       |                 |      |              |     |     |             |
| RT 234-WN110   | SEMINAR II            | Regular     | LCLB      | DLTA     | RF    | 12:00P - 1:55P  | F245 | 1            | 15  | 13  | 1/12 - 4/26 |
| <u>Note: Meets RF 12PM-1:55PM various weeks. A master schedule for the semester will be provided before classes begin.</u>   |                       |             |           |          |       |                 |      |              |     |     |             |
| RT 244-WN110   | OPT ROT/SPEC PROJ     | Regular     | LCLB      | DLTA     | R     | 10:00A - 11:55A | F245 | 1            | 15  | 13  | 1/12 - 4/26 |
| <u>Note: Meets RF 10AM-11:55AM various weeks. A master schedule for the semester will be provided before classes begin.</u>  |                       |             |           |          |       |                 |      |              |     |     |             |
| SSI 292W-WN620   | LEARNING COMM SEMES 2 | Regular     | LCLB      | DLTA     | R     | 3:30P - 4:25P   | S040 | 1            | 18  | 10  | 1/12 - 4/26 |
| <u>Learning Community Course. Must also register for MTH 096-WN620, MTH 097-WN620, and ENG 098-WN620. For more information about learning communities, visit <a href="http://www.delta.edu/learningcommunities.aspx">http://www.delta.edu/learningcommunities.aspx</a> Learning Communities.</u>                   |                       |             |           |          |       |                 |      |              |     |     |             |
| <u>A Criminal Background Check (CBC) must be completed before entering the clinical agency. Students are not eligible for a course refund, beyond the College defined refund period, if a determination has been made by the clinical agency to prevent the student from entering the facility for any reason.</u> |                       |             |           |          |       |                 |      |              |     |     |             |
| CNA 100LW-WN110  | CERT NUR ASST LAB     | Regular     | LCLB      | TBA      | F     | 6:00A - 3:00P   | TBA  | 1.3          | 8   | 7   | 1/9 - 4/27  |
| <u>Students must also register for CNA-100W-WN110 theory section.</u>  |                       |             |           |          |       |                 |      |              |     |     |             |
| CNA 100LW-WN120  | CERT NUR ASST LAB     | Regular     | LCLB      | DLTA     | F     | 6:00A - 3:00P   | TBA  | 1.3          | 8   | 8   | 1/9 - 4/27  |
| <u>Students must also register for CNA-100W-WN110 theory section.</u>  |                       |             |           |          |       |                 |      |              |     |     |             |
| CNA 100LW-WN130  | CERT NUR ASST LAB     | Regular     | LCLB      | TBA      | S     | 6:30A - 3:00P   | TBA  | 1.3          | 8   | 6   | 1/9 - 5/5   |
| <u>Students must also register for CNA-100W-WN120 theory section.</u>  |                       |             |           |          |       |                 |      |              |     |     |             |
| CNA 100LW-WN140  | CERT NUR ASST LAB     | Regular     | LCLB      | TBA      | S     | 6:30A - 3:00P   | TBA  | 1.3          | 8   | 7   | 1/9 - 5/5   |
| <u>Students must also register for CNA-100W-WN120 theory section.</u>  |                       |             |           |          |       |                 |      |              |     |     |             |
| CNA 100LW-WN150  | CERT NUR ASST LAB     | Regular     | LCLB      | TBA      | N     | 6:30A - 3:00P   | TBA  | 1.3          | 8   | 5   | 1/9 - 5/6   |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name   | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|--|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| Students must also register for CNA-100W-WN130 theory section.   |                     |             |           |          |      |                 |      |              |     |     |             |
| CNA 100LW-WN160  | CERT NUR ASST LAB   | Regular     | LCLB      | TBA      | N    | 6:30A - 3:00P   | TBA  | 1.3          | 8   | 5   | 1/9 - 5/6   |
| Students must also register for CNA-100W-WN130 theory section.   |                     |             |           |          |      |                 |      |              |     |     |             |
| <u>Note: Class does not meet every date. See course syllabus for schedule.</u>   |                     |             |           |          |      |                 |      |              |     |     |             |
| DH 222W-WN110  | CASE STUDY DOC II   | Regular     | LCLB      | DLTA     | R    | 12:30P - 3:25P  | F111 | 1.5          | 18  | 16  | 1/12 - 4/26 |
| LWA 152-WN110  | ASTANGA YOGA        | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:25P  | P211 | 1.5          | 20  | 20  | 1/9 - 4/25  |
| <u>Note - LAB COURSE: Individual course sections will be assigned by the Nursing Office following registration for clinical entry.</u> |                     |             |           |          |      |                 |      |              |     |     |             |
| NUR 101ALW-WN120   | NSG FUNDAMENTAL L   | Regular     | LCLB      | DLTA     | WF   | 8:00A - 12:30P  | F270 | 1.5          | 10  | 10  | 1/11 - 2/24 |
| ABS 101W-WN110   | COLLEGE SUCCESS     | Regular     | LCLB      | DLTA     | T    | 11:00A - 12:55P | E118 | 2            | 21  | 20  | 1/10 - 4/24 |
| ABS 101W-WN120   | COLLEGE SUCCESS     | Regular     | LCLB      | DLTA     | R    | 9:00A - 10:55A  | S226 | 2            | 21  | 20  | 1/12 - 4/26 |
| ABS 101W-WN130   | COLLEGE SUCCESS     | Regular     | LCLB      | DLTA     | M    | 10:00A - 11:55A | S266 | 2            | 21  | 8   | 1/9 - 4/24  |
| ABS 101W-WN140   | COLLEGE SUCCESS     | Regular     | LCLB      | DLTA     | M    | 2:00P - 3:55P   | S264 | 2            | 21  | 18  | 1/9 - 4/24  |
| ABS 101W-WN160   | COLLEGE SUCCESS     | Regular     | LCLB      | DLTA     | W    | 12:00P - 1:55P  | S260 | 2            | 21  | 20  | 1/11 - 4/26 |
| ABS 101W-WN170   | COLLEGE SUCCESS     | Regular     | LCLB      | DLTA     | W    | 2:00P - 3:55P   | S260 | 2            | 21  | 17  | 1/11 - 4/26 |
| ABS 101W-WN310   | COLLEGE SUCCESS     | Regular     | LCLB      | RICK     | T    | 7:00P - 8:55P   | 115  | 2            | 21  | 19  | 1/10 - 4/24 |
| ABS 101W-WN320   | COLLEGE SUCCESS     | Regular     | LCLB      | DLTA     | R    | 7:00P - 8:55P   | S226 | 2            | 21  | 19  | 1/12 - 4/26 |
| ACC 216W-WN110   | VITA                | Regular     | LCLB      | DLTA     | F    | 9:00A - 12:55P  | A121 | 2            | 18  | 10  | 1/13 - 4/27 |
| ARC 211-WN110  | STRUCTURAL DESIGN   | Regular     | LCLB      | DLTA     | T    | 2:00P - 3:55P   | L112 | 2            | 15  | 14  | 1/10 - 4/24 |
| ART 171-WN110  | DIGTL MEDIA FOR WEB | Regular     | LCLB      | DLTA     | F    | 2:00P - 3:55P   | S101 | 2            | 18  | 18  | 1/13 - 4/27 |
| BIO 160BW-WN110  | A&P CASE STUDIES    | Regular     | LCLB      | DLTA     | F    | 2:00P - 3:55P   | C117 | 2            | 20  | 18  | 1/13 - 4/27 |
| <u>Note: Computer with internet access is required for some assignments.</u>   |                     |             |           |          |      |                 |      |              |     |     |             |
| CAD 114-WN110  | INTRODUCTION TO CAD | Regular     | LCLB      | DLTA     | M    | 10:00A - 11:25A | M103 | 2            | 18  | 15  | 1/9 - 4/25  |
|  |                     | Regular     | LCLB      | DLTA     | W    | 10:00A - 11:25A | M103 | 2            |     |     | 1/9 - 4/25  |
| CAD 114-WN120  | INTRODUCTION TO CAD | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:25P | M100 | 2            | 18  | 17  | 1/10 - 4/26 |
| CAD 114-WN510  | INTRODUCTION TO CAD | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P   | L117 | 2            | 16  | 15  | 1/11 - 4/25 |
| CD 109W-WN210  | INTRO ED PARAPRO    | Regular     | LCLB      | DLTA     | T    | 4:00P - 5:55P   | S258 | 2            | 25  | 21  | 1/10 - 4/24 |
| CPI 110-WN210  | INTRO PROCESS INDUS | Regular     | LCLB      | DLTA     | M    | 3:00P - 4:55P   | M163 | 2            | 30  | 23  | 1/9 - 4/23  |
| CPI 120-WN310  | INTRO PROCESS OPER  | Regular     | LCLB      | DLTA     | M    | 6:00P - 7:55P   | L112 | 2            | 16  | 15  | 1/9 - 4/23  |
| CST 126-WN110  | UNIX/LINUX OS       | Regular     | LCLB      | DLTA     | W    | 12:00P - 1:55P  | K107 | 2            | 18  | 18  | 1/11 - 4/25 |
| CST 126-WN210  | UNIX/LINUX OS       | Regular     | LCLB      | DLTA     | R    | 4:00P - 5:55P   | K114 | 2            | 18  | 18  | 1/12 - 4/26 |
| CST 126-WN220  | UNIX/LINUX OS       | Regular     | LCLB      | DLTA     | M    | 5:00P - 6:55P   | K109 | 2            | 18  | 17  | 1/9 - 4/23  |
| CST 129-WN110  | MAC OS TRBLESHT     | Regular     | LCLB      | DLTA     | R    | 8:00A - 9:55A   | K109 | 2            | 16  | 15  | 1/12 - 4/26 |
| <u>Note: Required software is Office 2010.</u>   |                     |             |           |          |      |                 |      |              |     |     |             |
| CST 147-WN110  | POWERPOINT          | Regular     | LCLB      | DLTA     | M    | 8:00A - 9:55A   | K107 | 2            | 18  | 17  | 1/9 - 4/23  |
| <u>Note: Required software is Office 2010.</u>   |                     |             |           |          |      |                 |      |              |     |     |             |
| CST 147-WN120  | POWERPOINT          | Regular     | LCLB      | DLTA     | R    | 12:00P - 1:55P  | K114 | 2            | 18  | 18  | 1/12 - 4/26 |
| <u>Note: Required software is Office 2010.</u>   |                     |             |           |          |      |                 |      |              |     |     |             |
| CST 147-WN310  | POWERPOINT          | Regular     | LCLB      | DLTA     | T    | 7:00P - 8:55P   | A123 | 2            | 18  | 19  | 1/10 - 4/24 |
| <u>Note: Required software is Office 2010.</u>   |                     |             |           |          |      |                 |      |              |     |     |             |
| <u>Note: Required software is Office 2010.</u>   |                     |             |           |          |      |                 |      |              |     |     |             |
| CST 151-WN110  | SPREADSHEET FUNDMNT | Regular     | LCLB      | DLTA     | M    | 12:00P - 1:55P  | K104 | 2            | 18  | 14  | 1/9 - 4/23  |
| <u>Note: Required software is Office 2010.</u>   |                     |             |           |          |      |                 |      |              |     |     |             |
| CST 159-WN110  | INTRO ORACLE DB MGT | Regular     | LCLB      | DLTA     | W    | 10:00A - 11:55A | K107 | 2            | 18  | 21  | 1/11 - 4/25 |
| CST 163-WN110  | WIN NETWORK ADM     | Regular     | LCLB      | DLTA     | M    | 10:00A - 11:55A | K105 | 2            | 18  | 16  | 1/9 - 4/23  |
| CST 171-WN110  | VISUAL BASIC PROG I | Regular     | LCLB      | DLTA     | M    | 10:00A - 11:55A | K114 | 2            | 18  | 10  | 1/9 - 4/23  |
| CST 171-WN120  | VISUAL BASIC PROG I | Regular     | LCLB      | DLTA     | M    | 2:00P - 3:55P   | K114 | 2            | 18  | 17  | 1/9 - 4/23  |
| CST 186-WN110  | INTRO GAME PROG     | Regular     | LCLB      | DLTA     | R    | 9:00A - 10:55A  | K114 | 2            | 18  | 18  | 1/12 - 4/26 |
| CST 268W-WN110   | PC SUPPORT TOPICS   | Regular     | LCLB      | DLTA     | F    | 9:00A - 10:55A  | K110 | 2            | 16  | 11  | 1/13 - 4/27 |
| <u>Note: Students must supply own patients.</u>  |                     |             |           |          |      |                 |      |              |     |     |             |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name  | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|---|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| DA 123LW-WN110  | DENT RADIOLOGY LAB  | Regular     | LCLB      | DLTA     | M    | 8:00A - 11:55A  | F129 | 2            | 6   | 6   | 1/9 - 4/23  |
| DA 123LW-WN120  | DENT RADIOLOGY LAB  | Regular     | LCLB      | DLTA     | T    | 8:00A - 11:55A  | F129 | 2            | 6   | 7   | 1/10 - 4/24 |
| DA 123LW-WN130  | DENT RADIOLOGY LAB  | Regular     | LCLB      | DLTA     | W    | 8:00A - 11:55A  | F129 | 2            | 6   | 6   | 1/11 - 4/25 |
| DA 123W-WN110   | DENTAL RADIOLOGY    | Regular     | LCLB      | DLTA     | M    | 1:00P - 2:55P   | F111 | 2            | 20  | 19  | 1/9 - 4/23  |
| <u>Note: Requires outside assignment.</u>   |                     |             |           |          |      |                 |      |              |     |     |             |
| DA 125LW-WN110  | DENT MATLS II LAB   | Regular     | LCLB      | DLTA     | F    | 8:30A - 12:25P  | F135 | 2            | 9   | 9   | 1/13 - 4/27 |
| DA 125LW-WN120  | DENT MATLS II LAB   | Regular     | LCLB      | DLTA     | W    | 1:00P - 4:55P   | F135 | 2            | 9   | 11  | 1/11 - 4/25 |
| DA 125W-WN110   | DENTAL MATERIALS II | Regular     | LCLB      | DLTA     | M    | 3:00P - 4:55P   | F111 | 2            | 20  | 20  | 1/9 - 4/23  |
| DH 101-WN210  | DENTAL ANATOMY I    | Regular     | LCLB      | DLTA     | T    | 4:00P - 5:55P   | F111 | 2            | 18  | 18  | 1/10 - 4/24 |
| DH 123-WN110  | DENTAL RADIOGRAPHY  | Regular     | LCLB      | DLTA     | M    | 8:30A - 10:25A  | F135 | 2            | 18  | 15  | 1/9 - 4/23  |
| <u>Note: See course syllabus for specific meeting times and dates. Additional outside class hours will be required to attend professional meetings and guest speakers.</u>  |                     |             |           |          |      |                 |      |              |     |     |             |
| DH 229-WN210  | SEMINAR PRAC EXAM   | Regular     | LCLB      | DLTA     | R    | 4:30P - 7:25P   | F120 | 2            | 18  | 16  | 2/16 - 4/26 |
|   |                     | Regular     | LN2       | DLTA     | R    | 4:30P - 7:25P   | F243 | 2            |     |     | 1/12 - 2/9  |
| DMS 101W-WN110  | INTRO TO SONOGRAPHY | Regular     | LCLB      | DLTA     | T    | 12:00P - 1:55P  | F269 | 2            | 14  | 12  | 1/10 - 4/24 |
| DRF 128-WN510   | GEOMETRIC TOLERANCE | Regular     | LCLB      | DLTA     | M    | 5:00P - 6:55P   | N204 | 2            | 10  | 7   | 1/9 - 4/23  |
| EMB 152-WN110   | STUDIO PRODUCTIONS  | Regular     | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | A035 | 2            | 16  | 15  | 1/10 - 4/26 |
| EMB 161-WN110   | PODCASTING/MEDIA    | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | A122 | 2            | 18  | 17  | 1/10 - 4/24 |
| <u>Note: EMS110, EMS111, EMS112 and EMS113 must be taken concurrently. Prerequisites can be viewed at &lt;a href="http://www.delta.edu/firesci"&gt;Fire Science&lt;/a&gt;. Once you have completed prerequisites make appointment with Russ Holtman at (989) 686-9020 for permission to register.</u> |                     |             |           |          |      |                 |      |              |     |     |             |
| EMS 113-WN501   | BASIC EM TECH FIELD | Regular     | LCLB      | OTHR     |      | -               | TBA  | 2            | 0   | 5   | 1/16 - 9/17 |
| <u>Note: EMS110, EMS111, EMS112 and EMS113 must be taken concurrently. Prerequisites can be viewed at http://www.delta.edu/tech/fire20science20technology/emt.aspx . Once you have completed prerequisites make appointment with Russ Holtman at (989) 686-9020 for permission to register.</u>       |                     |             |           |          |      |                 |      |              |     |     |             |
| EMS 113-WN502   | BASIC EM TECH FIELD | Regular     | LCLB      | OTHR     |      | -               | TBA  | 2            | 0   | 10  | 1/16 - 9/24 |
| <u>Note: EMS110, EMS111, EMS112 and EMS113 must be taken concurrently. Prerequisites can be viewed at http://www.delta.edu/tech/fire20science20technology/emt.aspx . Once you have completed prerequisites make appointment with Russ Holtman at (989) 686-9020 for permission to register.</u>       |                     |             |           |          |      |                 |      |              |     |     |             |
| EMS 113-WN503   | BASIC EM TECH FIELD | Regular     | LCLB      | OTHR     |      | -               | TBA  | 2            | 0   | 1   | 1/16 - 8/11 |
| <u>Note: EMS110, EMS111, EMS112 and EMS113 must be taken concurrently. Prerequisites can be viewed at http://www.delta.edu/tech/fire20science20technology/emt.aspx . Once you have completed prerequisites make appointment with Russ Holtman at (989) 686-9020 for permission to register.</u>       |                     |             |           |          |      |                 |      |              |     |     |             |
| EMS 113-WN504   | BASIC EM TECH FIELD | Regular     | LCLB      | OTHR     | S    | -               | TBA  | 2            | 0   | 5   | 1/14 - 8/11 |
| <u>Note: EMS110, EMS111, EMS112 and EMS113 must be taken concurrently. Prerequisites can be viewed at &lt;a href="http://www.delta.edu/firesci"&gt;Fire Science&lt;/a&gt;. Once you have completed prerequisites make appointment with Russ Holtman at (989) 686-9020 for permission to register.</u> |                     |             |           |          |      |                 |      |              |     |     |             |
| ENG 104W-WN110  | APPLIED SPELL TECH  | Regular     | LCLB      | DLTA     | MW   | 12:00P - 12:55P | S060 | 2            | 15  | 13  | 1/9 - 4/25  |
| <u>Note: Meets in computer labs. Basic knowledge of word processing. Internet and computer functions strongly recommended.</u>  |                     |             |           |          |      |                 |      |              |     |     |             |
| ENG 195W-WN110  | LIBRARY RESEARCH    | Regular     | LCLB      | DLTA     | W    | 2:00P - 3:55P   | A121 | 2            | 18  | 3   | 1/11 - 4/25 |
| <u>Note: Meets in computer labs. Basic knowledge of word processing. Internet and computer functions strongly recommended.</u>  |                     |             |           |          |      |                 |      |              |     |     |             |
| ENG 258W-WN110  | INTRO/SCREENWRITING | Regular     | LCLB      | DLTA     | M    | 12:00P - 1:55P  | S260 | 2            | 18  | 15  | 1/9 - 4/23  |
| HSC 105-WN110   | MEDICAL TERMINOLOGY | Regular     | LCLB      | DLTA     | R    | 9:00A - 10:55A  | F007 | 2            | 30  | 31  | 1/12 - 4/26 |
| HSC 105-WN120   | MEDICAL TERMINOLOGY | Regular     | LCLB      | DLTA     | M    | 10:00A - 11:55A | J134 | 2            | 30  | 31  | 1/9 - 4/23  |
| HSC 105-WN130   | MEDICAL TERMINOLOGY | Regular     | LCLB      | DLTA     | W    | 10:00A - 11:55A | F004 | 2            | 30  | 29  | 1/11 - 4/25 |
| HSC 105-WN140   | MEDICAL TERMINOLOGY | Regular     | LCLB      | DLTA     | R    | 11:00A - 12:55P | F004 | 2            | 30  | 28  | 1/12 - 4/26 |
| HSC 105-WN150   | MEDICAL TERMINOLOGY | Regular     | LCLB      | DLTA     | W    | 2:00P - 3:55P   | J135 | 2            | 30  | 30  | 1/11 - 4/25 |
| HSC 105-WN160   | MEDICAL TERMINOLOGY | Regular     | LCLB      | DLTA     | W    | 2:00P - 3:55P   | J141 | 2            | 30  | 27  | 1/11 - 4/25 |
| HSC 105-WN210   | MEDICAL TERMINOLOGY | Regular     | LCLB      | RICK     | T    | 4:00P - 5:55P   | 148  | 2            | 30  | 32  | 1/10 - 4/24 |
| HSC 105-WN220   | MEDICAL TERMINOLOGY | Regular     | LCLB      | DCPL     | W    | 5:00P - 6:55P   | 213  | 2            | 30  | 31  | 1/11 - 4/25 |
| HSC 105-WN310   | MEDICAL TERMINOLOGY | Regular     | LCLB      | DLTA     | R    | 6:00P - 7:55P   | F240 | 2            | 30  | 26  | 1/12 - 4/26 |
| HSC 105-WN320   | MEDICAL TERMINOLOGY | Regular     | LCLB      | DLTA     | W    | 7:00P - 8:55P   | F251 | 2            | 30  | 28  | 1/11 - 4/25 |
| HSC 105-WN350   | MEDICAL TERMINOLOGY | Regular     | LCLB      | DCMC     | T    | 7:00P - 8:55P   | 204  | 2            | 30  | 17  | 1/10 - 4/24 |
| HSC 105-WN360   | MEDICAL TERMINOLOGY | Regular     | LCLB      | DCMC     | M    | 7:00P - 8:55P   | 105  | 2            | 30  | 15  | 1/9 - 4/23  |
| HSC 140-WN110   | BAS MEDICAL EMERGEN | Regular     | LCLB      | DLTA     | R    | 8:00A - 9:55A   | F001 | 2            | 16  | 10  | 1/12 - 4/26 |
| HSC 140-WN120   | BAS MEDICAL EMERGEN | Regular     | LCLB      | DLTA     | R    | 11:00A - 12:55P | F001 | 2            | 16  | 18  | 1/12 - 4/26 |
| HSC 140-WN130   | BAS MEDICAL EMERGEN | Regular     | LCLB      | DLTA     | W    | 12:00P - 1:55P  | F001 | 2            | 16  | 13  | 1/11 - 4/25 |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name   | Title                | Term Length | Inst Meth | Location | Days  | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|--|----------------------|-------------|-----------|----------|-------|-----------------|------|--------------|-----|-----|-------------|
| HSC 140-WN140  | BAS MEDICAL EMERGEN  | Regular     | LCLB      | DLTA     | R     | 2:00P - 3:55P   | F001 | 2            | 16  | 16  | 1/12 - 4/26 |
| HSC 140-WN210  | BAS MEDICAL EMERGEN  | Regular     | LCLB      | DLTA     | T     | 4:00P - 5:55P   | F001 | 2            | 16  | 15  | 1/10 - 4/24 |
| HSC 140-WN310  | BAS MEDICAL EMERGEN  | Regular     | LCLB      | DLTA     | T     | 7:00P - 8:55P   | F001 | 2            | 16  | 15  | 1/10 - 4/24 |
| HSC 205W-WN110   | LEG ASP HLTH CAR SYS | Regular     | LCLB      | DLTA     | M     | 12:00P - 1:55P  | A203 | 2            | 25  | 18  | 1/9 - 4/23  |
| HSC 205W-WN310   | LEG ASP HLTH CAR SYS | Regular     | LCLB      | DLTA     | M     | 5:00P - 6:55P   | J137 | 2            | 25  | 24  | 1/9 - 4/23  |
| <u>Note: Meets in computer labs. Basic knowledge of word processing, Internet and computer functions strongly recommended.</u>   |                      |             |           |          |       |                 |      |              |     |     |             |
| LIB 195W-WN110   | LIBRARY RESEARCH     | Regular     | LCLB      | DLTA     | W     | 2:00P - 3:55P   | A121 | 2            | 18  | 13  | 1/11 - 4/25 |
| Note: Meets in computer labs. Basic knowledge of word processing, Internet and computer functions strongly recommended.  |                      |             |           |          |       |                 |      |              |     |     |             |
| LSP 240-WN310  | DOMESTIC RELATIONS   | Regular     | LCLB      | DLTA     | T     | 6:00P - 7:55P   | S055 | 2            | 25  | 25  | 1/10 - 4/24 |
| LW 221W-WN120  | FITNESS & WELLNESS   | Regular     | LCLB      | DLTA     | MW    | 12:00P - 1:25P  | P205 | 2            | 20  | 20  | 1/9 - 4/25  |
| LW 221W-WN130  | FITNESS & WELLNESS   | Regular     | LCLB      | RICK     | MW    | 12:00P - 1:25P  | 100  | 2            | 20  | 19  | 1/9 - 4/25  |
| Note: This section's activity component will expose you to a variety of fitness exercises.   |                      |             |           |          |       |                 |      |              |     |     |             |
| LW 221W-WN655  | FITNESS & WELLNESS   | Regular     | LCLB      | DLTA     | MW    | 10:00A - 11:25A | F010 | 2            | 40  | 37  | 1/9 - 4/25  |
|  |                      | Regular     | LN2       | DLTA     | MW    | 10:00A - 11:25A | P210 | 2            |     |     | 1/9 - 4/25  |
| Note: <a href="http://www.delta.edu/learningcommunities.aspx">http://www.delta.edu/learningcommunities.aspx</a> LearningCommunity <b>*** Must be taken with PSY101W-WN655***</b> |                      |             |           |          |       |                 |      |              |     |     |             |
| <u>Note: Requires acceptance to Delta College Police Academy. Contact Criminal Justice Training Center 686-9108</u>  |                      |             |           |          |       |                 |      |              |     |     |             |
| LWA 280-WN110  | SELF-DEFENSE/FITNES  | Regular     | LCLB      | DLTA     | MTWRF | 7:00A - 4:55P   | C111 | 2            | 0   | 19  | 1/16 - 5/11 |
| LWA 280-WN120  | SELF-DEFENSE/FITNES  | Regular     | LCLB      | DLTA     | MTWRF | 7:00A - 4:55P   | C111 | 2            | 40  | 0   | 1/16 - 5/11 |
| MIT 118-WN210  | SAFETY PRAC & PROC   | Regular     | LCLB      | DLTA     | T     | 4:00P - 5:55P   | L106 | 2            | 18  | 15  | 1/10 - 4/24 |
| MT 161-WN210   | INDST RIGGING/SAFETY | Regular     | LCLB      | DLTA     | W     | 5:00P - 7:25P   | M163 | 2            | 18  | 17  | 1/11 - 4/25 |
|  |                      | Regular     | LN2       | DLTA     | W     | 7:30P - 7:55P   | M162 | 2            |     |     | 1/11 - 4/25 |
| OSHA approved safety glasses are required for this course  |                      |             |           |          |       |                 |      |              |     |     |             |
| <u>Note: Includes Learning Assistance Workshop to help prepare for tests and clarify course content (required based on course grade).</u>  |                      |             |           |          |       |                 |      |              |     |     |             |
| MTH 092-WN102  | BASIC MATH           | Regular     | LCLB      | DLTA     | MW    | 8:30A - 9:25A   | A207 | 2            | 15  | 15  | 1/9 - 4/25  |
|  |                      | Regular     | WKP       | DLTA     | MW    | 8:00A - 8:25A   | A207 | 2            |     |     | 1/9 - 4/25  |
| MTH 092-WN106  | BASIC MATH           | Regular     | LCLB      | DLTA     | MW    | 9:00A - 9:55A   | A211 | 2            | 15  | 15  | 1/9 - 4/25  |
|  |                      | Regular     | WKP       | DLTA     | MW    | 8:30A - 8:55A   | A211 | 2            |     |     | 1/9 - 4/25  |
| MTH 092-WN110  | BASIC MATH           | Regular     | LCLB      | RICK     | TR    | 11:00A - 11:55A | 148  | 2            | 15  | 16  | 1/10 - 4/26 |
|  |                      | Regular     | WKP       | RICK     | TR    | 10:30A - 10:55A | 148  | 2            |     |     | 1/10 - 4/26 |
| Note: See instructor regarding textbook.   |                      |             |           |          |       |                 |      |              |     |     |             |
| MTH 092-WN111  | BASIC MATH           | Regular     | LCLB      | RICK     | TR    | 9:30A - 10:25A  | 113  | 2            | 15  | 14  | 1/10 - 4/26 |
|  |                      | Regular     | WKP       | RICK     | TR    | 9:00A - 9:25A   | 113  | 2            |     |     | 1/10 - 4/26 |
| Note: See instructor regarding textbook.   |                      |             |           |          |       |                 |      |              |     |     |             |
| MTH 092-WN116  | BASIC MATH           | Regular     | LCLB      | DLTA     | F     | 10:00A - 11:55A | A205 | 2            | 15  | 14  | 1/13 - 4/27 |
|  |                      | Regular     | WKP       | DLTA     | F     | 9:00A - 9:55A   | A205 | 2            |     |     | 1/13 - 4/27 |
| MTH 092-WN118  | BASIC MATH           | Regular     | LCLB      | DLTA     | F     | 10:00A - 11:55A | A213 | 2            | 15  | 14  | 1/13 - 4/27 |
|  |                      | Regular     | WKP       | DLTA     | F     | 9:00A - 9:55A   | A213 | 2            |     |     | 1/13 - 4/27 |
| MTH 092-WN119  | BASIC MATH           | Regular     | LCLB      | DCPL     | MW    | 10:30A - 11:25A | 221  | 2            | 15  | 12  | 1/9 - 4/25  |
|  |                      | Regular     | WKP       | DCPL     | MW    | 10:00A - 10:25A | 221  | 2            |     |     | 1/9 - 4/25  |
| MTH 092-WN120  | BASIC MATH           | Regular     | LCLB      | DLTA     | MW    | 10:30A - 11:25A | D133 | 2            | 15  | 14  | 1/9 - 4/25  |
|  |                      | Regular     | WKP       | DLTA     | MW    | 10:00A - 10:25A | D133 | 2            |     |     | 1/9 - 4/25  |
| MTH 092-WN122  | BASIC MATH           | Regular     | LCLB      | DLTA     | MW    | 10:30A - 11:25A | N202 | 2            | 15  | 13  | 1/9 - 4/25  |
|  |                      | Regular     | WKP       | DLTA     | MW    | 10:00A - 10:25A | N202 | 2            |     |     | 1/9 - 4/25  |
| MTH 092-WN124  | BASIC MATH           | Regular     | LCLB      | DLTA     | TR    | 11:30A - 12:25P | A206 | 2            | 15  | 14  | 1/10 - 4/26 |
|  |                      | Regular     | WKP       | DLTA     | TR    | 11:00A - 11:25A | A206 | 2            |     |     | 1/10 - 4/26 |
| MTH 092-WN126  | BASIC MATH           | Regular     | LCLB      | DLTA     | F     | 12:00P - 1:55P  | A211 | 2            | 15  | 14  | 1/13 - 4/27 |
|  |                      | Regular     | WKP       | DLTA     | F     | 11:00A - 11:55A | A211 | 2            |     |     | 1/13 - 4/27 |
| MTH 092-WN129  | BASIC MATH           | Regular     | LCLB      | DLTA     | F     | 1:00P - 2:55P   | A203 | 2            | 15  | 15  | 1/13 - 4/27 |
|  |                      | Regular     | WKP       | DLTA     | F     | 12:00P - 12:55P | A203 | 2            |     |     | 1/13 - 4/27 |
| MTH 092-WN130  | BASIC MATH           | Regular     | LCLB      | DLTA     | MW    | 1:00P - 1:55P   | N202 | 2            | 15  | 16  | 1/9 - 4/25  |
|  |                      | Regular     | WKP       | DLTA     | MW    | 12:30P - 12:55P | N202 | 2            |     |     | 1/9 - 4/25  |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name                           | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|--|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| MTH 092-WN132                          | BASIC MATH          | Regular     | LCLB      | DLTA     | W    | 1:00P - 2:55P   | A203 | 2            | 15  | 13  | 1/11 - 4/25 |
|  |                     | Regular     | WKP       | DLTA     | W    | 12:00P - 12:55P | A203 | 2            |     |     | 1/11 - 4/25 |
| MTH 092-WN136                          | BASIC MATH          | Regular     | LCLB      | DLTA     | W    | 3:00P - 4:55P   | A211 | 2            | 15  | 14  | 1/11 - 4/25 |
|  |                     | Regular     | WKP       | DLTA     | W    | 2:00P - 2:55P   | A211 | 2            |     |     | 1/11 - 4/25 |
| MTH 092-WN220                          | BASIC MATH          | Regular     | LCLB      | DLTA     | M    | 3:00P - 4:55P   | A213 | 2            | 15  | 16  | 1/9 - 4/23  |
|  |                     | Regular     | WKP       | DLTA     | M    | 2:00P - 2:55P   | A213 | 2            |     |     | 1/9 - 4/23  |
| MTH 092-WN230                          | BASIC MATH          | Regular     | LCLB      | DLTA     | W    | 6:00P - 7:55P   | E116 | 2            | 15  | 15  | 1/11 - 4/25 |
|  |                     | Regular     | WKP       | DLTA     | W    | 5:00P - 5:55P   | E116 | 2            |     |     | 1/11 - 4/25 |
| MTH 092-WN240                          | BASIC MATH          | Regular     | LCLB      | DLTA     | T    | 4:00P - 5:55P   | M151 | 2            | 15  | 13  | 1/10 - 4/24 |
|  |                     | Regular     | WKP       | DLTA     | T    | 3:00P - 3:55P   | M151 | 2            |     |     | 1/10 - 4/24 |
| MTH 092-WN310                          | BASIC MATH          | Regular     | LCLB      | DLTA     | M    | 6:00P - 7:55P   | S056 | 2            | 15  | 14  | 1/9 - 4/23  |
|  |                     | Regular     | WKP       | DLTA     | M    | 5:00P - 5:55P   | S056 | 2            |     |     | 1/9 - 4/23  |
| MTH 092-WN330                          | BASIC MATH          | Regular     | LCLB      | DLTA     | T    | 7:00P - 8:55P   | A211 | 2            | 15  | 15  | 1/10 - 4/24 |
|  |                     | Regular     | WKP       | DLTA     | T    | 6:00P - 6:55P   | A211 | 2            |     |     | 1/10 - 4/24 |
| MTH 092-WN340                          | BASIC MATH          | Regular     | LCLB      | DCMC     | W    | 6:00P - 7:55P   | 156  | 2            | 15  | 14  | 1/11 - 4/25 |
|  |                     | Regular     | WKP       | DCMC     | W    | 5:00P - 5:55P   | 156  | 2            |     |     | 1/11 - 4/25 |
| MTH 096-WN104                          | PRE-ALGEBRA         | Regular     | LCLB      | DLTA     | W    | 8:00A - 9:55A   | N210 | 2            | 20  | 19  | 1/11 - 4/25 |
| MTH 096-WN114                          | PRE-ALGEBRA         | Regular     | LCLB      | DLTA     | MW   | 10:00A - 10:55A | A211 | 2            | 20  | 20  | 1/9 - 4/25  |
| MTH 096-WN116                          | PRE-ALGEBRA         | Regular     | LCLB      | DLTA     | F    | 10:00A - 11:55A | A204 | 2            | 20  | 21  | 1/13 - 4/27 |
| MTH 096-WN127                          | PRE-ALGEBRA         | Regular     | LCLB      | DLTA     | MW   | 1:00P - 1:55P   | A211 | 2            | 20  | 19  | 1/9 - 4/25  |
| MTH 096-WN132                          | PRE-ALGEBRA         | Regular     | LCLB      | DLTA     | T    | 2:00P - 3:55P   | A211 | 2            | 20  | 21  | 1/10 - 4/24 |
| Note: Computer aided homework section. |                     |             |           |          |      |                 |      |              |     |     |             |
| MTH 096-WN134                          | PRE-ALGEBRA         | Regular     | LCLB      | DLTA     | R    | 2:00P - 3:55P   | A211 | 2            | 20  | 19  | 1/12 - 4/26 |
| Note: Computer aided homework section. |                     |             |           |          |      |                 |      |              |     |     |             |
| MTH 096-WN135                          | PRE-ALGEBRA         | Regular     | LCLB      | DLTA     | T    | 2:00P - 3:55P   | A209 | 2            | 20  | 19  | 1/10 - 4/24 |
| MTH 096-WN220                          | PRE-ALGEBRA         | Regular     | LCLB      | DLTA     | M    | 5:00P - 6:55P   | A211 | 2            | 20  | 16  | 1/9 - 4/23  |
| MTH 096-WN225                          | PRE-ALGEBRA         | Regular     | LCLB      | DLTA     | M    | 5:00P - 6:55P   | S036 | 2            | 20  | 18  | 1/9 - 4/23  |
| MTH 096-WN310                          | PRE-ALGEBRA         | Regular     | LCLB      | DLTA     | W    | 5:00P - 6:55P   | S034 | 2            | 20  | 9   | 1/11 - 4/25 |
| MTH 096-WN315                          | PRE-ALGEBRA         | Regular     | LCLB      | DLTA     | W    | 5:00P - 6:55P   | S039 | 2            | 20  | 14  | 1/11 - 4/25 |
| MTH 096-WN335                          | PRE-ALGEBRA         | Regular     | LCLB      | RICK     | T    | 6:30P - 8:25P   | 112  | 2            | 20  | 20  | 1/10 - 4/24 |
| MTH 096-WN340                          | PRE-ALGEBRA         | Regular     | LCLB      | DLTA     | R    | 6:30P - 8:25P   | A211 | 2            | 20  | 19  | 1/12 - 4/26 |
| MTH 096-WN345                          | PRE-ALGEBRA         | Regular     | LCLB      | RICK     | R    | 6:30P - 8:25P   | 111  | 2            | 20  | 21  | 1/12 - 4/26 |
| MTH 096-WN370                          | PRE-ALGEBRA         | Regular     | LCLB      | DLTA     | W    | 7:00P - 8:55P   | A203 | 2            | 20  | 19  | 1/11 - 4/25 |
| MTH 096-WN380                          | PRE-ALGEBRA         | Regular     | LCLB      | DLTA     | M    | 7:00P - 8:55P   | A213 | 2            | 20  | 19  | 1/9 - 4/23  |
| MTH 096-WN545                          | PRE-ALGEBRA         | Regular     | LCLB      | DLTA     | T    | 6:30P - 8:25P   | M151 | 2            | 18  | 14  | 1/10 - 4/24 |
| MTH 117-WN120                          | MATH ALLIED HEALTH  | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:25A  | A211 | 2            | 20  | 21  | 1/10 - 4/26 |
| MTH 117-WN125                          | MATH ALLIED HEALTH  | Regular     | LCLB      | DLTA     | M    | 10:00A - 11:55A | L114 | 2            | 20  | 21  | 1/9 - 4/23  |
| MTH 117-WN130                          | MATH ALLIED HEALTH  | Regular     | LCLB      | DLTA     | F    | 10:00A - 11:55A | A208 | 2            | 20  | 20  | 1/13 - 4/27 |
| MTH 117-WN140                          | MATH ALLIED HEALTH  | Regular     | LCLB      | DLTA     | TR   | 11:00A - 11:55A | A211 | 2            | 20  | 21  | 1/10 - 4/26 |
| MTH 117-WN150                          | MATH ALLIED HEALTH  | Regular     | LCLB      | DLTA     | TR   | 1:00P - 1:55P   | A203 | 2            | 20  | 21  | 1/10 - 4/26 |
| MTH 117-WN170                          | MATH ALLIED HEALTH  | Regular     | LCLB      | DLTA     | M    | 2:00P - 3:55P   | A211 | 2            | 20  | 20  | 1/9 - 4/23  |
| MTH 117-WN215                          | MATH ALLIED HEALTH  | Regular     | LCLB      | DLTA     | R    | 4:00P - 5:55P   | A211 | 2            | 20  | 20  | 1/12 - 4/26 |
| MUS 131-WN110                          | PIANO I             | Regular     | LCLB      | DLTA     | T    | 11:00A - 12:55P | S130 | 2            | 16  | 14  | 1/10 - 4/24 |
| MUS 131-WN120                          | PIANO I             | Regular     | LCLB      | DLTA     | M    | 12:00P - 1:55P  | S130 | 2            | 16  | 15  | 1/9 - 4/23  |
| MUS 131-WN130                          | PIANO I             | Regular     | LCLB      | DLTA     | M    | 10:00A - 11:55A | S130 | 2            | 16  | 13  | 1/9 - 4/23  |
| MUS 131-WN140                          | PIANO I             | Regular     | LCLB      | DLTA     | T    | 8:00A - 9:55A   | S130 | 2            | 16  | 16  | 1/10 - 4/24 |
| MUS 131-WN150                          | PIANO I             | Regular     | LCLB      | DLTA     | W    | 12:00P - 1:55P  | S130 | 2            | 16  | 16  | 1/11 - 4/25 |
| MUS 132-WN110                          | PIANO II            | Regular     | LCLB      | DLTA     | M    | 2:00P - 3:55P   | S130 | 2            | 16  | 6   | 1/9 - 4/23  |
| MUS 135-WN110                          | FUNDAMENT OF GUITAR | Regular     | LCLB      | DLTA     | T    | 11:00A - 12:55P | S131 | 2            | 12  | 13  | 1/10 - 4/24 |
| MUS 135-WN120                          | FUNDAMENT OF GUITAR | Regular     | LCLB      | DLTA     | T    | 2:00P - 3:55P   | S131 | 2            | 12  | 13  | 1/10 - 4/24 |
| MUS 135-WN210                          | FUNDAMENT OF GUITAR | Regular     | LCLB      | DLTA     | M    | 4:00P - 5:55P   | S131 | 2            | 12  | 11  | 1/9 - 4/23  |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name   | Title                 | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|--|-----------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| MUS 137-WN110  | CLASSICAL GUITAR      | Regular     | LCLB      | DLTA     | M    | 2:00P - 3:55P   | S131 | 2            | 12  | 9   | 1/9 - 4/23  |
| MUS 138-WN210  | MUSIC VOICE CLASS     | Regular     | LCLB      | DLTA     | W    | 12:00P - 1:55P  | S131 | 2            | 20  | 19  | 1/11 - 4/25 |
| <u>Note: Students will be required to purchase performance attire and sheet music - see instructor for details.</u>                        |                       |             |           |          |      |                 |      |              |     |     |             |
| MUS 146-WN310  | CHORALE I             | Regular     | LCLB      | DLTA     | W    | 5:00P - 6:55P   | S131 | 2            | 30  | 25  | 1/11 - 4/25 |
| <u>Note: Students will be required to purchase performance attire and sheet music - see instructor for details.</u>                        |                       |             |           |          |      |                 |      |              |     |     |             |
| MUS 147-WN310  | CHORALE II            | Regular     | LCLB      | DLTA     | W    | 5:00P - 6:55P   | S131 | 2            | 30  | 2   | 1/11 - 4/25 |
| <u>Note: Students will be required to purchase sheet music - see instructor for details.</u>   |                       |             |           |          |      |                 |      |              |     |     |             |
| MUS 148-WN310  | CHORALE III           | Regular     | LCLB      | DLTA     | W    | 7:00P - 8:55P   | S131 | 2            | 12  | 2   | 1/11 - 4/25 |
| <u>Note: Students will be required to purchase sheet music - see instructor for details.</u>   |                       |             |           |          |      |                 |      |              |     |     |             |
| MUS 149-WN310  | CHORALE IV            | Regular     | LCLB      | DLTA     | R    | 6:00P - 7:55P   | S131 | 2            | 12  | 2   | 1/12 - 4/26 |
| OAT 116-WN110  | INTR MEDICAL OFFICE   | Regular     | LCLB      | DLTA     | T    | 11:00A - 12:55P | S041 | 2            | 25  | 23  | 1/10 - 4/24 |
| OAT 116-WN310  | INTR MEDICAL OFFICE   | Regular     | LCLB      | DLTA     | M    | 7:00P - 8:55P   | S041 | 2            | 25  | 19  | 1/9 - 4/23  |
| OAT 155W-WN110   | EDITING               | Regular     | LCLB      | DLTA     | T    | 9:00A - 10:55A  | K109 | 2            | 18  | 16  | 1/10 - 4/24 |
| OAT 157-WN110  | FILE MANAGEMENT       | Regular     | LCLB      | DLTA     | T    | 12:00P - 1:55P  | F003 | 2            | 18  | 16  | 1/10 - 4/24 |
| OAT 157-WN120  | FILE MANAGEMENT       | Regular     | LCLB      | DLTA     | W    | 10:00A - 11:55A | N208 | 2            | 18  | 14  | 1/11 - 4/25 |
| OAT 170-WN110  | KEYBOARDING           | Regular     | LCLB      | DLTA     | T    | 9:00A - 10:55A  | K104 | 2            | 18  | 16  | 1/10 - 4/24 |
| OAT 170-WN120  | KEYBOARDING           | Regular     | LCLB      | DLTA     | W    | 10:00A - 11:55A | K104 | 2            | 18  | 17  | 1/11 - 4/25 |
| OAT 170-WN130  | KEYBOARDING           | Regular     | LCLB      | RICK     | R    | 10:00A - 12:00P | 141  | 2            | 18  | 18  | 1/12 - 4/26 |
| OAT 170-WN140  | KEYBOARDING           | Regular     | LCLB      | DLTA     | R    | 2:00P - 3:55P   | K109 | 2            | 18  | 16  | 1/12 - 4/26 |
| OAT 170-WN150  | KEYBOARDING           | Regular     | LCLB      | DLTA     | T    | 11:00A - 12:55P | K109 | 2            | 18  | 19  | 1/10 - 4/24 |
| OAT 170-WN160  | KEYBOARDING           | Regular     | LCLB      | DLTA     | F    | 9:00A - 10:55A  | K104 | 2            | 18  | 17  | 1/13 - 4/27 |
| OAT 170-WN170  | KEYBOARDING           | Regular     | LCLB      | DLTA     | F    | 12:00P - 1:55P  | K104 | 2            | 18  | 18  | 1/13 - 4/27 |
| OAT 170-WN310  | KEYBOARDING           | Regular     | LCLB      | DCMC     | M    | 6:30P - 8:25P   | 201  | 2            | 18  | 14  | 1/9 - 4/23  |
| OAT 170-WN320  | KEYBOARDING           | Regular     | LCLB      | DLTA     | W    | 7:00P - 8:55P   | K104 | 2            | 18  | 17  | 1/11 - 4/25 |
| OAT 175-WN210  | ELEC CALCULATION      | Regular     | LCLB      | DLTA     | R    | 4:00P - 5:55P   | K104 | 2            | 18  | 18  | 1/12 - 4/26 |
| PTA 102-WN110  | CLN NEUROANATOMY      | Regular     | LCLB      | DLTA     | R    | 9:00A - 10:55A  | F003 | 2            | 20  | 17  | 1/12 - 4/26 |
| PTA 120-WN110  | ORTHO REHAB           | Regular     | LCLB      | DLTA     | T    | 10:00A - 11:55A | P110 | 2            | 20  | 17  | 1/10 - 4/24 |
| <u>Note: Class meets during first 2 weeks of semester and last week of semester only.</u>  |                       |             |           |          |      |                 |      |              |     |     |             |
| PTA 221-WN110  | CLINICAL SEMINAR      | Regular     | LCLB      | DLTA     | MWF  | 10:00A - 1:55P  | P126 | 2            | 20  | 18  | 1/9 - 4/27  |
| RC 108-WN110   | CONSTRUCTION SAFETY   | Regular     | LCLB      | DLTA     | W    | 12:00P - 1:55P  | M103 | 2            | 18  | 20  | 1/11 - 4/25 |
| RC 108-WN210   | CONSTRUCTION SAFETY   | Regular     | LCLB      | DLTA     | R    | 4:00P - 5:55P   | M100 | 2            | 18  | 17  | 1/12 - 4/26 |
| RT 231-WN910   | MATERNAL/NEONAT RC    | Regular     | LCLB      | DLTA     | RF   | 9:00A - 1:55P   | F245 | 2            | 15  | 13  | 1/12 - 4/26 |
| <u>Note: Meets RF 9AM-1:55PM various weeks for the semester. A master schedule for the semester will be provided before classes begin.</u> |                       |             |           |          |      |                 |      |              |     |     |             |
| SKCA 114-WN510   | INTRODUCTION TO CAD   | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P   | L117 | 2            | 2   | 1   | 1/11 - 4/25 |
| SKDR 128-WN510   | GEOMETRIC TOLERANC    | Regular     | LCLB      | DLTA     | M    | 5:00P - 6:55P   | N204 | 2            | 5   | 4   | 1/9 - 4/23  |
| SKMA 096-WN545   | PRE-ALGEBRA           | Regular     | LCLB      | DLTA     | T    | 6:30P - 8:25P   | M151 | 2            | 8   | 5   | 1/10 - 4/24 |
| WTT 280-WN310  | DATA ACQUISITIN       | Regular     | LCLB      | DLTA     | R    | 8:00P - 8:55P   | L106 | 2            | 18  | 19  | 1/12 - 4/26 |
|  |                       | Regular     | LCLB      | DLTA     | R    | 9:00P - 9:55P   | L118 | 2            |     |     | 1/12 - 4/26 |
| OSHA approved safety glasses are required for this course  |                       |             |           |          |      |                 |      |              |     |     |             |
| PTA 123W-WN110   | CLINICAL MEDICINE     | Regular     | LCLB      | DLTA     | M    | 9:00A - 11:55A  | P110 | 2.5          | 20  | 16  | 1/9 - 4/23  |
| ACC 215W-WN310   | FEDERAL TAX ACCOUNTIN | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P   | E116 | 3            | 25  | 23  | 1/9 - 4/23  |
| <u>NOTE: This course uses an online homework management system which requires purchase of an access code as well as the textbook.</u>      |                       |             |           |          |      |                 |      |              |     |     |             |
| ACC 233-WN110  | COST ACCOUNTING       | Regular     | LCLB      | DLTA     | M    | 12:00P - 2:55P  | M105 | 3            | 25  | 25  | 1/9 - 4/23  |
| <u>Note: Students are required to have a code for the online homework manager McGraw-Hill Connect.</u>                                     |                       |             |           |          |      |                 |      |              |     |     |             |
| ACC 233-WN310  | COST ACCOUNTING       | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P   | K116 | 3            | 25  | 22  | 1/9 - 4/23  |
| ACC 235-WN310  | FINANCIAL MANAGEMNT   | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | F255 | 3            | 25  | 23  | 1/11 - 4/25 |
| ACC 235-WN320  | FINANCIAL MANAGEMNT   | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P   | F255 | 3            | 25  | 26  | 1/12 - 4/26 |
| ARC 101-WN110  | MTLS/METH OF CONST    | Regular     | LCLB      | DLTA     | T    | 8:00A - 10:55A  | M151 | 3            | 20  | 18  | 1/10 - 4/24 |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name   | Title                           | Term Length | Inst Meth | Location | Days | Time           | Room | Credit Hours | Cap | Enr | Dates       |
|--|---------------------------------|-------------|-----------|----------|------|----------------|------|--------------|-----|-----|-------------|
| ARC 101-WN210  | MTLS/METH OF CONST              | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P  | M151 | 3            | 18  | 19  | 1/9 - 4/23  |
| ARC 111-WN110  | MECH & ELEC SYS BLD             | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P | L112 | 3            | 18  | 21  | 1/10 - 4/24 |
| ARC 118-WN110  | AUTOCAD APPLICATION             | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P  | M100 | 3            | 18  | 15  | 1/9 - 4/23  |
| ARC 204-WN110  | ESTIMATING BLDG CON             | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A | M100 | 3            | 18  | 18  | 1/11 - 4/25 |
| ARC 206-WN210  | ARCH DRAFTING IV                | Regular     | LCLB      | DLTA     | MW   | 5:30P - 8:55P  | M100 | 3            | 18  | 14  | 1/9 - 4/25  |
| ARC 221-WN110  | SITE PREPARATION                | Regular     | LCLB      | DLTA     | R    | 8:00A - 10:55A | M103 | 3            | 18  | 17  | 1/12 - 4/26 |
| <u>Note: Students must provide a digital or analog SLR camera, film, and processing. Minimum cost \$150.</u> |                                 |             |           |          |      |                |      |              |     |     |             |
| ART 100-WN110  | COLOR PHOTOGRAPHY               | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A | S231 | 3            | 18  | 16  | 1/11 - 4/25 |
|  | Recommended for NON Art majors  |             |           |          |      |                |      |              |     |     |             |
| ART 100-WN120  | COLOR PHOTOGRAPHY               | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P  | S231 | 3            | 18  | 18  | 1/9 - 4/23  |
|  | Recommended for Art NON-majors  |             |           |          |      |                |      |              |     |     |             |
| ART 100-WN130  | COLOR PHOTOGRAPHY               | Regular     | LCLB      | DLTA     | W    | 2:00P - 4:55P  | S231 | 3            | 18  | 19  | 1/11 - 4/25 |
| ART 100-WN210  | COLOR PHOTOGRAPHY               | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P  | S231 | 3            | 18  | 15  | 1/11 - 4/25 |
|  | Recommended for Art NON-majors  |             |           |          |      |                |      |              |     |     |             |
| ART 100-WN320  | COLOR PHOTOGRAPHY               | Regular     | LCLB      | DCMC     | T    | 6:00P - 8:55P  | 105  | 3            | 18  | 15  | 1/10 - 4/24 |
|  | Recommended for Art NON-majors. |             |           |          |      |                |      |              |     |     |             |
| <u>Note: Students must provide 35mm film camera, film, and printing paper, etc. Minimum cost \$150.</u>      |                                 |             |           |          |      |                |      |              |     |     |             |
| ART 101-WN110  | PHOTOGRAPHY I                   | Regular     | LCLB      | DLTA     | TR   | 8:00A - 10:55A | S231 | 3            | 16  | 11  | 1/10 - 4/26 |
| ART 102-WN110  | PHOTOGRAPHY II                  | Regular     | LCLB      | DLTA     | TR   | 11:00A - 1:55P | S231 | 3            | 16  | 15  | 1/10 - 4/26 |
| <u>Note: Requires an additional \$75-\$100 in supplies.</u>  |                                 |             |           |          |      |                |      |              |     |     |             |
| ART 105-WN110  | ART EXPERIENCE                  | Regular     | LCLB      | DLTA     | TR   | 9:00A - 10:55A | S134 | 3            | 16  | 15  | 1/10 - 4/26 |
| ART 105-WN120  | ART EXPERIENCE                  | Regular     | LCLB      | DLTA     | MW   | 3:00P - 4:55P  | S134 | 3            | 16  | 15  | 1/9 - 4/25  |
| ART 105-WN130  | ART EXPERIENCE                  | Regular     | LCLB      | DLTA     | TR   | 12:00P - 1:55P | S134 | 3            | 16  | 16  | 1/10 - 4/26 |
| ART 105-WN140  | ART EXPERIENCE                  | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P | S104 | 3            | 16  | 16  | 1/9 - 4/25  |
| ART 105-WN310  | ART EXPERIENCE                  | Regular     | LCLB      | DLTA     | TR   | 6:00P - 7:55P  | S134 | 3            | 16  | 16  | 1/10 - 4/26 |
| <u>Note: Requires an additional \$100 in drawing materials.</u>  |                                 |             |           |          |      |                |      |              |     |     |             |
| ART 111-WN110  | DRAWING I                       | Regular     | LCLB      | DLTA     | MW   | 9:00A - 11:55A | S204 | 3            | 24  | 23  | 1/9 - 4/25  |
| ART 111-WN120  | DRAWING I                       | Regular     | LCLB      | DLTA     | MW   | 12:00P - 2:55P | S204 | 3            | 24  | 21  | 1/9 - 4/25  |
| ART 111-WN130  | DRAWING I                       | Regular     | LCLB      | DLTA     | MW   | 3:00P - 5:55P  | S204 | 3            | 24  | 20  | 1/9 - 4/25  |
| ART 111-WN140  | DRAWING I                       | Regular     | LCLB      | DLTA     | TR   | 2:00P - 4:55P  | S204 | 3            | 24  | 26  | 1/10 - 4/26 |
| ART 111-WN150  | DRAWING I                       | Regular     | LCLB      | DLTA     | TR   | 11:00A - 1:55P | S204 | 3            | 24  | 24  | 1/10 - 4/26 |
| ART 111-WN310  | DRAWING I                       | Regular     | LCLB      | DLTA     | TR   | 6:00P - 8:55P  | S204 | 3            | 24  | 23  | 1/10 - 4/26 |
| <u>Note: Requires an additional \$100 in drawing materials.</u>  |                                 |             |           |          |      |                |      |              |     |     |             |
| ART 112-WN110  | DRAWING II                      | Regular     | LCLB      | DLTA     | TR   | 8:00A - 10:55A | S201 | 3            | 16  | 16  | 1/10 - 4/26 |
| ART 112-WN120  | DRAWING II                      | Regular     | LCLB      | DLTA     | TR   | 11:00A - 1:55P | S201 | 3            | 16  | 15  | 1/10 - 4/26 |
| <u>Note: Requires an additional \$100 in art materials.</u>  |                                 |             |           |          |      |                |      |              |     |     |             |
| ART 115-WN110  | DESIGN I                        | Regular     | LCLB      | DLTA     | MW   | 9:00A - 11:55A | S104 | 3            | 24  | 25  | 1/9 - 4/25  |
| ART 115-WN120  | DESIGN I                        | Regular     | LCLB      | DLTA     | MW   | 2:00P - 4:55P  | S104 | 3            | 24  | 18  | 1/9 - 4/25  |
| ART 115-WN130  | DESIGN I                        | Regular     | LCLB      | DLTA     | TR   | 8:00A - 10:55A | S104 | 3            | 24  | 24  | 1/10 - 4/26 |
| ART 115-WN310  | DESIGN I                        | Regular     | LCLB      | DLTA     | MW   | 6:00P - 8:55P  | S104 | 3            | 24  | 13  | 1/9 - 4/25  |
| <u>Note: Student must provide own tools. Minimum cost \$50.</u>  |                                 |             |           |          |      |                |      |              |     |     |             |
| ART 116-WN120  | DESIGN II                       | Regular     | LCLB      | DLTA     | TR   | 11:00A - 1:55P | S140 | 3            | 16  | 17  | 1/10 - 4/26 |
| ART 116-WN130  | DESIGN II                       | Regular     | LCLB      | DLTA     | TR   | 2:00P - 4:55P  | S140 | 3            | 16  | 16  | 1/10 - 4/26 |
| ART 116-WN210  | DESIGN II                       | Regular     | LCLB      | DLTA     | TR   | 5:00P - 7:55P  | S140 | 3            | 16  | 10  | 1/10 - 4/26 |
| ART 151W-WN120   | ART HIST & APPR I               | Regular     | LCLB      | DLTA     | R    | 11:00A - 1:55P | S105 | 3            | 24  | 24  | 1/12 - 4/26 |
| ART 151W-WN140   | ART HIST & APPR I               | Regular     | LCLB      | DLTA     | W    | 2:00P - 4:55P  | S105 | 3            | 24  | 25  | 1/11 - 4/25 |
| ART 151W-WN310   | ART HIST & APPR I               | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P  | S105 | 3            | 24  | 23  | 1/12 - 4/26 |
| ART 152W-WN110   | ART HIST & APPR II              | Regular     | LCLB      | DLTA     | R    | 2:00P - 4:55P  | S105 | 3            | 24  | 24  | 1/12 - 4/26 |
| <u>Note: Requires an additional \$240 in art materials.</u>  |                                 |             |           |          |      |                |      |              |     |     |             |
| ART 217-WN110  | PAINTING I                      | Regular     | LCLB      | DLTA     | TR   | 3:00P - 5:55P  | S201 | 3            | 16  | 15  | 1/10 - 4/26 |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name  | Title                | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|---|----------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| <u>Note: Requires an additional \$100-150 in art materials.</u>   |                      |             |           |          |      |                 |      |              |     |     |             |
| ART 222-WN210   | SCULPTURE            | Regular     | LCLB      | DLTA     | MW   | 5:00P - 7:55P   | S140 | 3            | 16  | 12  | 1/9 - 4/25  |
| <u>Note: Student must provide own tools. Minimum cost \$50.</u>   |                      |             |           |          |      |                 |      |              |     |     |             |
| ART 231-WN110   | CERAMICS I           | Regular     | LCLB      | DLTA     | MW   | 9:00A - 11:55A  | S139 | 3            | 16  | 15  | 1/9 - 4/25  |
| ART 231-WN210   | CERAMICS I           | Regular     | LCLB      | DLTA     | MW   | 5:00P - 7:55P   | S139 | 3            | 16  | 13  | 1/9 - 4/25  |
| ART 251W-WN110  | ARCHITECTURAL HIST   | Regular     | LCLB      | DLTA     | M    | 9:00A - 11:55A  | S105 | 3            | 15  | 16  | 1/9 - 4/23  |
| ART 255W-WN110  | CONTEMP ART HISTORY  | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A  | S105 | 3            | 20  | 19  | 1/11 - 4/25 |
| <u>Note: Requires an additional \$100 in materials.</u>   |                      |             |           |          |      |                 |      |              |     |     |             |
| ART 271-WN110   | DIGITAL IMAGING I    | Regular     | LCLB      | DLTA     | TR   | 8:00A - 10:55A  | S101 | 3            | 18  | 15  | 1/10 - 4/26 |
| ART 271-WN120   | DIGITAL IMAGING I    | Regular     | LCLB      | DLTA     | MW   | 9:00A - 11:55A  | S101 | 3            | 18  | 19  | 1/9 - 4/25  |
| ART 271-WN210   | DIGITAL IMAGING I    | Regular     | LCLB      | DLTA     | MW   | 5:00P - 7:55P   | S101 | 3            | 18  | 16  | 1/9 - 4/25  |
| ART 271-WN310   | DIGITAL IMAGING I    | Regular     | LCLB      | DLTA     | TR   | 6:00P - 8:55P   | S101 | 3            | 18  | 16  | 1/10 - 4/26 |
| <u>Note: Requires an additional \$100 in materials.</u>   |                      |             |           |          |      |                 |      |              |     |     |             |
| ART 277-WN110   | ILLUSTRAT-DIGIMEDIA  | Regular     | LCLB      | DLTA     | TR   | 2:00P - 4:55P   | S101 | 3            | 18  | 16  | 1/10 - 4/26 |
| ART 279-WN210   | WEB PAGE DESIGN ART  | Regular     | LCLB      | DLTA     | MW   | 2:00P - 4:55P   | A122 | 3            | 18  | 17  | 1/9 - 4/25  |
| <u>Note: Requires an additional \$100 in materials.</u>   |                      |             |           |          |      |                 |      |              |     |     |             |
| ART 284-WN110   | TYPOGRAPHY           | Regular     | LCLB      | DLTA     | TR   | 11:00A - 1:55P  | S101 | 3            | 18  | 13  | 1/10 - 4/26 |
| ART 289-WN110   | NEW MEDIA            | Regular     | LCLB      | DLTA     | F    | 8:00A - 1:55P   | S101 | 3            | 16  | 15  | 1/13 - 4/27 |
| ASL 111-WN110   | AM SIGN LANGUAGE I   | Regular     | LCLB      | DLTA     | MW   | 12:30P - 1:55P  | S253 | 3            | 15  | 19  | 1/9 - 4/25  |
| ASL 111-WN120   | AM SIGN LANGUAGE I   | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:25P | S263 | 3            | 15  | 16  | 1/10 - 4/26 |
| ASL 111-WN130   | AM SIGN LANGUAGE I   | Regular     | LCLB      | DLTA     | TR   | 2:30P - 3:55P   | S224 | 3            | 15  | 16  | 1/10 - 4/26 |
| ASL 111-WN140   | AM SIGN LANGUAGE I   | Regular     | LCLB      | DLTA     | MW   | 9:30A - 10:55A  | G163 | 3            | 15  | 15  | 1/9 - 4/25  |
| ASL 111-WN210   | AM SIGN LANGUAGE I   | Regular     | LCLB      | DLTA     | W    | 5:30P - 8:25P   | S226 | 3            | 15  | 17  | 1/11 - 4/25 |
| ASL 111-WN310   | AM SIGN LANGUAGE I   | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | S057 | 3            | 15  | 15  | 1/11 - 4/25 |
| <u>Note: Although not required, concurrent enrollment in AST 111 and 111L is recommended. One night of observing with telescopes is required.</u> |                      |             |           |          |      |                 |      |              |     |     |             |
| AST 111-WN110   | INTRO ASTRONOMY      | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:25A | E117 | 3            | 25  | 26  | 1/9 - 4/25  |
| AST 111-WN120   | INTRO ASTRONOMY      | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:25P | E117 | 3            | 25  | 21  | 1/10 - 4/26 |
| AST 111-WN130   | INTRO ASTRONOMY      | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:25P   | E119 | 3            | 25  | 25  | 1/10 - 4/26 |
| AST 111-WN140   | INTRO ASTRONOMY      | Regular     | LCLB      | DCPL     | F    | 9:00A - 11:55A  | 221  | 3            | 25  | 22  | 1/13 - 4/27 |
| AST 111-WN210   | INTRO ASTRONOMY      | Regular     | LCLB      | DLTA     | MR   | 4:00P - 5:25P   | E126 | 3            | 25  | 23  | 1/9 - 4/26  |
| BIO 130W-WN110  | INTRO BIOCHEM & CELL | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | C110 | 3            | 20  | 19  | 1/9 - 4/25  |
| BIO 130W-WN130  | INTRO BIOCHEM & CELL | Regular     | LCLB      | RICK     | TR   | 1:00P - 2:55P   | 143  | 3            | 20  | 19  | 1/10 - 4/26 |
| CAD 120-WN510   | INTRODUCTION TO CAM  | Regular     | LCLB      | DLTA     | TR   | 11:00A - 1:00P  | L117 | 3            | 9   | 10  | 1/10 - 4/26 |
| Global Capacity 10, this class will not meet April 3 and 5, 2012  |                      |             |           |          |      |                 |      |              |     |     |             |
| CAD 226-WN210   | PARAMETRIC MODELING  | Regular     | LCLB      | DLTA     | M    | 5:00P - 7:55P   | M103 | 3            | 18  | 20  | 1/9 - 4/23  |
| CD 111W-WN110   | INTRO CHILD DEVEL    | Regular     | LCLB      | DLTA     | MW   | 9:30A - 10:55A  | M163 | 3            | 25  | 25  | 1/9 - 4/25  |
| <u>Note: In-class projects will require additional cost to students of \$10-\$15.</u>   |                      |             |           |          |      |                 |      |              |     |     |             |
| CD 112W-WN110   | LEARNING CTR ACTIV   | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:25A   | M163 | 3            | 22  | 21  | 1/9 - 4/25  |
| <u>Note: Permission of instructor required. Contact &lt;a href=mailto:jillharrison@delta.edu&gt;Jill Harrison&lt;/a&gt; or 686-9051.</u>          |                      |             |           |          |      |                 |      |              |     |     |             |
| CD 210W-WN210   | CHILD CARE PROG MGT  | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P   | E114 | 3            | 18  | 20  | 1/11 - 4/25 |
| CJ 110W-WN120   | INTRO CRIM JUSTICE   | Regular     | LCLB      | RICK     | MW   | 9:30A - 10:55A  | 144  | 3            | 25  | 22  | 1/9 - 4/25  |
| CJ 110W-WN130   | INTRO CRIM JUSTICE   | Regular     | LCLB      | DLTA     | M    | 1:00P - 3:55P   | J140 | 3            | 25  | 27  | 1/9 - 4/23  |
| CJ 110W-WN140   | INTRO CRIM JUSTICE   | Regular     | LCLB      | DLTA     | TR   | 2:30P - 3:55P   | J133 | 3            | 25  | 25  | 1/10 - 4/26 |
| CJ 110W-WN220   | INTRO CRIM JUSTICE   | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P   | N210 | 3            | 25  | 25  | 1/11 - 4/25 |
| CJ 110W-WN320   | INTRO CRIM JUSTICE   | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | C111 | 3            | 25  | 28  | 1/10 - 4/24 |
| CJ 111W-WN110   | POLICE ADMINISTRATN  | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | J140 | 3            | 25  | 24  | 1/10 - 4/24 |
| CJ 111W-WN120   | POLICE ADMINISTRATN  | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | J132 | 3            | 25  | 25  | 1/9 - 4/23  |
| CJ 111W-WN310   | POLICE ADMINISTRATN  | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | S253 | 3            | 25  | 28  | 1/11 - 4/25 |
| CJ 112W-WN120   | POLICE OPERATIONS    | Regular     | LCLB      | DLTA     | W    | 2:00P - 4:55P   | J137 | 3            | 25  | 23  | 1/11 - 4/25 |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name  | Title                | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|---|----------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| CJ 112W-WN310   | POLICE OPERATIONS    | Regular     | LCLB      | RICK     | R    | 6:00P - 8:55P   | 113  | 3            | 25  | 21  | 1/12 - 4/26 |
| CJ 130W-WN110   | INTRO TO CORRECTIONS | Regular     | LCLB      | DCPL     | R    | 9:00A - 11:55A  | 212  | 3            | 25  | 17  | 1/12 - 4/26 |
| CJ 130W-WN120   | INTRO TO CORRECTIONS | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | F007 | 3            | 25  | 21  | 1/10 - 4/24 |
| CJ 130W-WN210   | INTRO TO CORRECTIONS | Regular     | LCLB      | DLTA     | M    | 5:00P - 7:55P   | S253 | 3            | 25  | 26  | 1/9 - 4/23  |
| CJ 132W-WN310   | CLNT REL IN CORR     | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P   | J140 | 3            | 25  | 25  | 1/12 - 4/26 |
| <i>Note: Mandatory attendance at first class. Students not attending first class will be dropped.</i>                                 |                      |             |           |          |      |                 |      |              |     |     |             |
| CJ 135W-WN310   | COR INST & FACILITY  | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | E112 | 3            | 23  | 21  | 1/11 - 4/25 |
| CJ 210W-WN110   | CRIMINAL INVESTIGAT  | Regular     | LCLB      | DLTA     | MW   | 12:30P - 1:55P  | L114 | 3            | 23  | 22  | 1/9 - 4/25  |
| CJ 210W-WN210   | CRIMINAL INVESTIGAT  | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P   | F002 | 3            | 23  | 24  | 1/11 - 4/25 |
| CJ 210W-WN310   | CRIMINAL INVESTIGAT  | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | S059 | 3            | 23  | 21  | 1/10 - 4/24 |
| CJ 220W-WN210   | CRIME LAB TECHNIQUE  | Regular     | LCLB      | DLTA     | M    | 5:00P - 8:55P   | E117 | 3            | 20  | 20  | 1/9 - 4/23  |
| CJ 233W-WN310   | CLNT GROWTH & DEVEL  | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | S058 | 3            | 25  | 21  | 1/10 - 4/24 |
| CJ 237W-WN310   | JAILS & DETENTION    | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | S058 | 3            | 23  | 21  | 1/11 - 4/25 |
| CJ 238W-WN310   | LEGAL ISSUES IN COR  | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P   | J141 | 3            | 25  | 23  | 1/9 - 4/23  |
| CJ 250-WN110  | THE JUVENILE OFFEND  | Regular     | LCLB      | DLTA     | R    | 11:00A - 1:55P  | J140 | 3            | 25  | 25  | 1/12 - 4/26 |
| CJ 250-WN120  | THE JUVENILE OFFEND  | Regular     | LCLB      | DLTA     | T    | 3:00P - 5:55P   | J140 | 3            | 25  | 23  | 1/10 - 4/24 |
| CJ 250-WN310  | THE JUVENILE OFFEND  | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P   | J140 | 3            | 25  | 25  | 1/9 - 4/23  |
| CJ 270W-WN110   | EVIDENC/CRIMINAL PR  | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | J138 | 3            | 25  | 24  | 1/9 - 4/23  |
| CJ 270W-WN310   | EVIDENC/CRIMINAL PR  | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | S260 | 3            | 25  | 17  | 1/11 - 4/25 |
| CJ 271W-WN110   | CRIMINAL LAW         | Regular     | LCLB      | DLTA     | F    | 9:00A - 11:55A  | J133 | 3            | 25  | 15  | 1/13 - 4/27 |
| CJ 271W-WN310   | CRIMINAL LAW         | Regular     | LCLB      | DLTA     | T    | 7:00P - 9:55P   | J141 | 3            | 25  | 25  | 1/10 - 4/24 |
| CJ 275W-WN310   | PROBATION & PAROLE   | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | N202 | 3            | 23  | 17  | 1/10 - 4/24 |
| COM 112HW-WN110   | HNRS ORAL COMM       | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | S111 | 3            | 18  | 16  | 1/9 - 4/23  |
| <i>Note: Honors Program. Contact &lt;a href="http://www.delta.edu/honors.aspx"&gt;Honors Program Office&lt;/a&gt; or at 686-9091.</i> |                      |             |           |          |      |                 |      |              |     |     |             |
| COM 112W-WN105  | FUND OF ORAL COMNCT  | Regular     | LCLB      | DLTA     | W    | 2:00P - 4:55P   | S111 | 3            | 20  | 19  | 1/11 - 4/25 |
| COM 112W-WN110  | FUND OF ORAL COMNCT  | Regular     | LCLB      | DLTA     | TR   | 8:00A - 9:25A   | S113 | 3            | 20  | 20  | 1/10 - 4/26 |
| COM 112W-WN115  | FUND OF ORAL COMNCT  | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | S113 | 3            | 20  | 18  | 1/10 - 4/26 |
| COM 112W-WN120  | FUND OF ORAL COMNCT  | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A  | S041 | 3            | 20  | 21  | 1/11 - 4/25 |
| COM 112W-WN125  | FUND OF ORAL COMNCT  | Regular     | LCLB      | DLTA     | T    | 3:00P - 5:55P   | S261 | 3            | 20  | 16  | 1/10 - 4/24 |
| COM 112W-WN130  | FUND OF ORAL COMNCT  | Regular     | LCLB      | DLTA     | W    | 2:00P - 4:55P   | S261 | 3            | 20  | 19  | 1/11 - 4/25 |
| COM 112W-WN135  | FUND OF ORAL COMNCT  | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:25A | S111 | 3            | 20  | 20  | 1/9 - 4/25  |
| COM 112W-WN145  | FUND OF ORAL COMNCT  | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A  | S113 | 3            | 20  | 17  | 1/11 - 4/25 |
| COM 112W-WN150  | FUND OF ORAL COMNCT  | Regular     | LCLB      | DCMC     | T    | 2:00P - 4:55P   | 155  | 3            | 20  | 17  | 1/10 - 4/24 |
| COM 112W-WN160  | FUND OF ORAL COMNCT  | Regular     | LCLB      | DLTA     | R    | 2:00P - 4:55P   | S113 | 3            | 20  | 19  | 1/12 - 4/26 |
| COM 112W-WN165  | FUND OF ORAL COMNCT  | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | S111 | 3            | 20  | 20  | 1/10 - 4/24 |
| COM 112W-WN175  | FUND OF ORAL COMNCT  | Regular     | LCLB      | DLTA     | T    | 2:00P - 4:55P   | S111 | 3            | 20  | 18  | 1/10 - 4/24 |
| COM 112W-WN180  | FUND OF ORAL COMNCT  | Regular     | LCLB      | DLTA     | M    | 8:50A - 11:55A  | S054 | 3            | 20  | 20  | 1/16 - 4/23 |
| <i>Note: This is a late start class beginning on January 16, 2012, at 8:50 a.m.</i>   |                      |             |           |          |      |                 |      |              |     |     |             |
| COM 112W-WN185  | FUND OF ORAL COMNCT  | Regular     | LCLB      | DLTA     | MW   | 12:30P - 1:55P  | S111 | 3            | 20  | 20  | 1/9 - 4/25  |
| COM 112W-WN190  | FUND OF ORAL COMNCT  | Regular     | LCLB      | DLTA     | TR   | 12:30P - 1:55P  | S113 | 3            | 20  | 20  | 1/10 - 4/26 |
| COM 112W-WN195  | FUND OF ORAL COMNCT  | Regular     | LCLB      | DLTA     | M    | 9:00A - 11:55A  | S041 | 3            | 20  | 22  | 1/9 - 4/23  |
| COM 112W-WN200  | FUND OF ORAL COMNCT  | Regular     | LCLB      | RICK     | M    | 5:00P - 7:55P   | 113  | 3            | 20  | 19  | 1/9 - 4/23  |
| COM 112W-WN205  | FUND OF ORAL COMNCT  | Regular     | LCLB      | DLTA     | M    | 5:00P - 7:55P   | S113 | 3            | 20  | 21  | 1/9 - 4/23  |
| COM 112W-WN210  | FUND OF ORAL COMNCT  | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P   | S113 | 3            | 20  | 16  | 1/11 - 4/25 |
| COM 112W-WN300  | FUND OF ORAL COMNCT  | Regular     | LCLB      | DLTA     | T    | 6:00P - 9:10P   | S111 | 3            | 20  | 20  | 1/17 - 4/24 |
| COM 112W-WN320  | FUND OF ORAL COMNCT  | Regular     | LCLB      | DCMC     | W    | 6:30P - 9:25P   | 155  | 3            | 20  | 20  | 1/11 - 4/25 |
| COM 112W-WN330  | FUND OF ORAL COMNCT  | Regular     | LCLB      | DLTA     | T    | 6:30P - 9:25P   | S113 | 3            | 20  | 20  | 1/10 - 4/24 |
| COM 112W-WN340  | FUND OF ORAL COMNCT  | Regular     | LCLB      | DLTA     | R    | 6:00P - 9:10P   | S113 | 3            | 20  | 18  | 1/19 - 4/26 |
| <i>Note: Course starts one week late on January 19.</i>   |                      |             |           |          |      |                 |      |              |     |     |             |
| COM 112W-WN640  | FUND OF ORAL COMNCT  | Regular     | LCLB      | DLTA     | TR   | 8:00A - 9:25A   | S220 | 3            | 18  | 12  | 1/10 - 4/26 |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name  | Title               | Term Length | Inst Meth | Location | Days | Time           | Room | Credit Hours | Cap | Enr | Dates       |
|---|---------------------|-------------|-----------|----------|------|----------------|------|--------------|-----|-----|-------------|
| <small>&lt;font color="#ff0000"&gt;&lt;b&gt;***Learning Community Course. Must also register for ENG 097-WN640.***&lt;/b&gt;&lt;/font&gt; For more information about Learning communities, visit&lt;a href="http://www.delta.edu/learningcommunities.aspx" LearningCommunities&lt;/a&gt; or contact&lt;a href="mailto:ajcolenb@delta.edu" Drew Colenbrander&lt;/a&gt;</small> |                     |             |           |          |      |                |      |              |     |     |             |
| COM 112W-WN730  | FUND OF ORAL COMMCT | Regular     | LCLB      | CNET     | F    | 8:30A - 10:55A | HATC | 3            | 20  | 22  | 1/13 - 4/27 |
| COM 112W-WN740  | FUND OF ORAL COMMCT | Regular     | LCLB      | CNET     | F    | 12:15P - 2:40P | HATC | 3            | 20  | 20  | 1/13 - 4/27 |
| COM 114W-WN100  | INTERPRSNL COMMUNCT | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A | S266 | 3            | 22  | 22  | 1/11 - 4/25 |
| COM 114W-WN105  | INTERPRSNL COMMUNCT | Regular     | LCLB      | DLTA     | M    | 9:00A - 11:55A | S264 | 3            | 22  | 22  | 1/9 - 4/23  |
| COM 114W-WN110  | INTERPRSNL COMMUNCT | Regular     | LCLB      | DCMC     | T    | 9:00A - 11:55A | 105  | 3            | 22  | 21  | 1/10 - 4/24 |
| COM 114W-WN115  | INTERPRSNL COMMUNCT | Regular     | LCLB      | DCMC     | R    | 12:00P - 2:55P | 105  | 3            | 22  | 23  | 1/12 - 4/26 |
| COM 114W-WN120  | INTERPRSNL COMMUNCT | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A | S264 | 3            | 22  | 22  | 1/11 - 4/25 |
| COM 114W-WN125  | INTERPRSNL COMMUNCT | Regular     | LCLB      | DLTA     | MW   | 12:30P - 1:55P | S264 | 3            | 22  | 21  | 1/9 - 4/25  |
| COM 114W-WN130  | INTERPRSNL COMMUNCT | Regular     | LCLB      | DLTA     | M    | 9:00A - 11:55A | S263 | 3            | 22  | 20  | 1/9 - 4/23  |
| COM 114W-WN135  | INTERPRSNL COMMUNCT | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P  | S059 | 3            | 22  | 20  | 1/9 - 4/23  |
| COM 114W-WN140  | INTERPRSNL COMMUNCT | Regular     | LCLB      | DLTA     | W    | 2:00P - 4:55P  | S113 | 3            | 22  | 21  | 1/11 - 4/25 |
| COM 114W-WN145  | INTERPRSNL COMMUNCT | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P | S220 | 3            | 22  | 20  | 1/10 - 4/24 |
| COM 114W-WN155  | INTERPRSNL COMMUNCT | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P  | S113 | 3            | 22  | 23  | 1/9 - 4/23  |
| COM 114W-WN160  | INTERPRSNL COMMUNCT | Regular     | LCLB      | DLTA     | T    | 3:00P - 5:55P  | S264 | 3            | 22  | 23  | 1/10 - 4/24 |
| COM 114W-WN165  | INTERPRSNL COMMUNCT | Regular     | LCLB      | DLTA     | R    | 8:00A - 10:55A | S264 | 3            | 22  | 22  | 1/12 - 4/26 |
| COM 114W-WN175  | INTERPRSNL COMMUNCT | Regular     | LCLB      | DLTA     | R    | 11:00A - 1:55P | S264 | 3            | 22  | 22  | 1/12 - 4/26 |
| COM 114W-WN180  | INTERPRSNL COMMUNCT | Regular     | LCLB      | DLTA     | T    | 2:00P - 4:55P  | S113 | 3            | 22  | 23  | 1/10 - 4/24 |
| COM 114W-WN185  | INTERPRSNL COMMUNCT | Regular     | LCLB      | RICK     | T    | 9:00A - 11:55A | 115  | 3            | 22  | 22  | 1/10 - 4/24 |
| COM 114W-WN190  | INTERPRSNL COMMUNCT | Regular     | LCLB      | DLTA     | R    | 2:00P - 4:55P  | S264 | 3            | 22  | 22  | 1/12 - 4/26 |
| COM 114W-WN300  | INTERPRSNL COMMUNCT | Regular     | LCLB      | RICK     | M    | 6:30P - 9:25P  | 111  | 3            | 22  | 24  | 1/9 - 4/23  |
| COM 114W-WN310  | INTERPRSNL COMMUNCT | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P  | S263 | 3            | 22  | 21  | 1/10 - 4/24 |
| COM 114W-WN320  | INTERPRSNL COMMUNCT | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P  | F241 | 3            | 20  | 18  | 1/11 - 4/25 |
| COM 114W-WN330  | INTERPRSNL COMMUNCT | Regular     | LCLB      | DLTA     | R    | 6:30P - 9:25P  | S111 | 3            | 22  | 22  | 1/12 - 4/26 |
| COM 202W-WN110  | ORAL COMM FOR MANGR | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P | N208 | 3            | 20  | 21  | 1/10 - 4/24 |
| COM 214W-WN100  | SMALL GROUP COMMUN  | Regular     | LCLB      | DLTA     | R    | 8:00A - 10:55A | S111 | 3            | 20  | 18  | 1/12 - 4/26 |
| COM 215W-WN110  | INTRO TO THEATRE    | Regular     | LCLB      | DLTA     | T    | 12:30P - 3:25P | G160 | 3            | 20  | 22  | 1/10 - 4/24 |
| COM 222-WN110   | INTRO TO ACTING     | Regular     | LCLB      | DLTA     | R    | 2:00P - 4:55P  | G160 | 3            | 20  | 18  | 1/12 - 4/26 |
| COM 236W-WN110  | ADVANCED ORAL COM   | Regular     | LCLB      | DLTA     | R    | 2:00P - 4:55P  | S111 | 3            | 20  | 13  | 1/12 - 4/26 |
| <small>This class has the following prerequisite: READING LEVEL 3 AND WRITING LEVEL 3 AND "C" or better in COM 112W or COM 202W, or written permission of instructor.</small>   |                     |             |           |          |      |                |      |              |     |     |             |
| <small>Note: Required software is Office 2010.</small>  |                     |             |           |          |      |                |      |              |     |     |             |
| CST 134-WN110   | MS OFFICE/BUS SYS   | Regular     | LCLB      | RICK     | M    | 12:30P - 3:25P | 141  | 3            | 18  | 20  | 1/9 - 4/23  |
| <small>Note: Required software is Office 2010.</small>  |                     |             |           |          |      |                |      |              |     |     |             |
| CST 134-WN310   | MS OFFICE/BUS SYS   | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P  | K111 | 3            | 18  | 16  | 1/9 - 4/23  |
| <small>Note: Required software is Office 2010.</small>  |                     |             |           |          |      |                |      |              |     |     |             |
| CST 152-WN110   | NETWORK SECURITY    | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P | K105 | 3            | 18  | 8   | 1/10 - 4/24 |
| CST 153-WN110   | FIREWALLS           | Regular     | LCLB      | DLTA     | T    | 8:00A - 10:55A | K105 | 3            | 15  | 8   | 1/10 - 4/24 |
| <small>Note: Required software is Office 2010.</small>  |                     |             |           |          |      |                |      |              |     |     |             |
| CST 155-WN110   | MICROSOFT EXCEL     | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A | K107 | 3            | 18  | 16  | 1/10 - 4/26 |
| <small>Note: Required software is Office 2010.</small>  |                     |             |           |          |      |                |      |              |     |     |             |
| CST 155-WN120   | MICROSOFT EXCEL     | Regular     | LCLB      | DLTA     | R    | 3:00P - 5:55P  | K107 | 3            | 18  | 18  | 1/12 - 4/26 |
| <small>Note: Required software is Office 2010.</small>  |                     |             |           |          |      |                |      |              |     |     |             |
| CST 155-WN310   | MICROSOFT EXCEL     | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P  | A123 | 3            | 18  | 15  | 1/9 - 4/23  |
| <small>Note: Required software is Office 2010.</small>  |                     |             |           |          |      |                |      |              |     |     |             |
| CST 161-WN110   | NETWORK FUNDAMENTAL | Regular     | LCLB      | DLTA     | F    | 12:00P - 2:55P | K105 | 3            | 18  | 18  | 1/13 - 4/27 |
| CST 161-WN120   | NETWORK FUNDAMENTAL | Regular     | LCLB      | DLTA     | R    | 8:00A - 10:55A | K105 | 3            | 18  | 18  | 1/12 - 4/26 |
| CST 161-WN130   | NETWORK FUNDAMENTAL | Regular     | LCLB      | DLTA     | R    | 3:00P - 5:55P  | K105 | 3            | 18  | 15  | 1/12 - 4/26 |
| CST 161-WN210   | NETWORK FUNDAMENTAL | Regular     | LCLB      | DLTA     | M    | 5:00P - 7:55P  | K105 | 3            | 18  | 17  | 1/9 - 4/23  |
| CST 161-WN310   | NETWORK FUNDAMENTAL | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P  | K105 | 3            | 18  | 17  | 1/12 - 4/26 |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name  | Title                | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|---|----------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| CST 164-WN110   | LAN SWITCHING        | Regular     | LCLB      | DLTA     | F    | 9:00A - 11:55A  | K105 | 3            | 18  | 12  | 1/13 - 4/27 |
| CST 165-WN110   | LINUX NETWORKING I   | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A  | K105 | 3            | 18  | 4   | 1/11 - 4/25 |
| CST 235-WN320   | SYSTEM ANAL & DESIGN | Regular     | LCLB      | DLTA     | T    | 7:00P - 9:55P   | A206 | 3            | 18  | 18  | 1/10 - 4/24 |
| <u>Note: Required software is Office 2010.</u>  |                      |             |           |          |      |                 |      |              |     |     |             |
| CST 257-WN110   | DATABASE MS ACCESS   | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:25P | K107 | 3            | 18  | 17  | 1/10 - 4/26 |
| Note: Required software is Office 2010.   |                      |             |           |          |      |                 |      |              |     |     |             |
| CST 260-WN110   | ROUTING PROTOCOLS    | Regular     | LCLB      | DLTA     | T    | 3:00P - 5:55P   | K105 | 3            | 18  | 18  | 1/10 - 4/24 |
| CST 263-WN310   | ADV MS NETWORKING    | Regular     | LCLB      | DLTA     | W    | 7:00P - 9:55P   | K105 | 3            | 18  | 13  | 1/11 - 4/25 |
| CST 271-WN210   | VISUAL BASIC PRG II  | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P   | K107 | 3            | 18  | 15  | 1/11 - 4/25 |
| DA 120-WN110  | CLINICAL DA II       | Regular     | LCLB      | DLTA     | R    | 8:00A - 10:55A  | F111 | 3            | 20  | 20  | 1/12 - 4/26 |
| DH 120-WN110  | PERIODONTICS I       | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A  | F135 | 3            | 18  | 15  | 1/11 - 4/25 |
| DH 122-WN110  | ORAL HIST & EMBRY    | Regular     | LCLB      | DLTA     | M    | 12:30P - 3:25P  | F135 | 3            | 18  | 15  | 1/9 - 4/23  |
| DMS 103-WN110   | INTR ABD SONOGRAPHY  | Regular     | LCLB      | DLTA     | M    | 2:30P - 5:25P   | F269 | 3            | 14  | 12  | 1/9 - 4/23  |
| <u>Note: USB memory device required.</u>  |                      |             |           |          |      |                 |      |              |     |     |             |
| DRF 107-WN210   | INT MECH DESIGN      | Regular     | LCLB      | DLTA     | W    | 5:00P - 8:55P   | M103 | 3            | 18  | 17  | 1/11 - 4/25 |
| <u>Note: Students will be required to purchase lab kits</u>   |                      |             |           |          |      |                 |      |              |     |     |             |
| EET 235-WN110   | ELECT CIRCUITS       | Regular     | LCLB      | DLTA     | TR   | 4:00P - 5:55P   | N208 | 3            | 18  | 15  | 1/10 - 4/26 |
| OSHA approved safety glasses are required for this course   |                      |             |           |          |      |                 |      |              |     |     |             |
| EGR 215-WN110   | ENG MECHANCS STATIC  | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A  | L114 | 3            | 18  | 10  | 1/11 - 4/25 |
| EMB 140-WN210   | ELECTRON MEDIA HIST  | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P   | S055 | 3            | 25  | 23  | 1/11 - 4/25 |
| EMB 151-WN110   | MEDIA PRODUCTION I   | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:55P | A035 | 3            | 18  | 14  | 1/10 - 4/26 |
| EMB 151-WN120   | MEDIA PRODUCTION I   | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | A035 | 3            | 18  | 18  | 1/10 - 4/26 |
| EMB 153-WN110   | BRDCAST PERFORMANCE  | Regular     | LCLB      | DLTA     | MW   | 9:00A - 10:55A  | A035 | 3            | 20  | 18  | 1/9 - 4/25  |
| EMB 211W-WN110  | WRIT BRT/NEW MEDIA   | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:25P  | A122 | 3            | 18  | 18  | 1/9 - 4/25  |
| EMB 227-WN110   | BROADCAST SALES      | Regular     | LCLB      | DLTA     | T    | 2:00P - 4:55P   | L114 | 3            | 18  | 18  | 1/10 - 4/24 |
| EMB 229W-WN110  | WOMAN MINORITY MEDIA | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | S261 | 3            | 20  | 17  | 1/9 - 4/23  |
| EMB 279-WN210   | ADV POST PRODUCTION  | Regular     | LCLB      | DLTA     | F    | 10:00A - 1:55P  | A122 | 3            | 12  | 6   | 1/13 - 4/27 |
| ENG 097W-WN105  | ACADEMIC READING     | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:25A   | S035 | 3            | 18  | 19  | 1/9 - 4/23  |
| ENG 097W-WN107  | ACADEMIC READING     | Regular     | LCLB      | DLTA     | T    | 8:00A - 10:55A  | S263 | 3            | 18  | 17  | 1/10 - 4/24 |
| ENG 097W-WN108  | ACADEMIC READING     | Regular     | LCLB      | DLTA     | TR   | 8:00A - 9:25A   | S060 | 3            | 18  | 16  | 1/10 - 4/26 |
| ENG 097W-WN110  | ACADEMIC READING     | Regular     | LCLB      | DLTA     | M    | 10:00A - 11:25A | C121 | 3            | 18  | 20  | 1/9 - 4/25  |
|   |                      | Regular     | LCLB      | DLTA     | W    | 10:00A - 11:25A | A123 | 3            |     |     | 1/9 - 4/25  |
| ENG 097W-WN130  | ACADEMIC READING     | Regular     | LCLB      | DLTA     | W    | 9:00A - 9:55A   | J135 | 3            | 18  | 19  | 1/11 - 4/25 |
|   |                      | Regular     | LN2       | DLTA     | W    | 10:00A - 11:55A | K114 | 3            |     |     | 1/11 - 4/25 |
| ENG 097W-WN140  | ACADEMIC READING     | Regular     | LCLB      | DLTA     | F    | 9:00A - 11:55A  | A124 | 3            | 18  | 17  | 1/13 - 4/27 |
| ENG 097W-WN145  | ACADEMIC READING     | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:25P  | A124 | 3            | 18  | 18  | 1/9 - 4/23  |
| Note: Students are required to bring their own WIFI enabledlaptops or netbooks to each class. Netbooks are available forpurchase in the college bookstore.  |                      |             |           |          |      |                 |      |              |     |     |             |
| ENG 097W-WN160  | ACADEMIC READING     | Regular     | LCLB      | RICK     | MW   | 12:00P - 1:25P  | 111  | 3            | 18  | 17  | 1/9 - 4/25  |
| ENG 097W-WN165  | ACADEMIC READING     | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:25P  | S057 | 3            | 18  | 18  | 1/9 - 4/25  |
| ENG 097W-WN170  | ACADEMIC READING     | Regular     | LCLB      | DCPL     | TR   | 12:30P - 1:55P  | 217  | 3            | 18  | 15  | 1/10 - 4/26 |
| ENG 097W-WN180  | ACADEMIC READING     | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:25P   | S039 | 3            | 18  | 14  | 1/10 - 4/26 |
| ENG 097W-WN210  | ACADEMIC READING     | Regular     | LCLB      | DLTA     | T    | 3:00P - 5:55P   | S060 | 3            | 18  | 18  | 1/10 - 4/24 |
| ENG 097W-WN230  | ACADEMIC READING     | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P   | S038 | 3            | 18  | 18  | 1/11 - 4/25 |
| ENG 097W-WN240  | ACADEMIC READING     | Regular     | LCLB      | DCMC     | TR   | 9:30A - 10:55A  | 103  | 3            | 18  | 17  | 1/10 - 4/26 |
| ENG 097W-WN640  | ACADEMIC READING     | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | S220 | 3            | 18  | 12  | 1/10 - 4/26 |
| <small>&lt;font color="#ff0000"&gt;&lt;b&gt;***Learning Community Course. Must also register for COM 112W.WN640.*** &lt;/b&gt;&lt;/font&gt; For more information about learning communities, visit &lt;a href="http://www.delta.edu/learningcommunities.aspx"&gt;Learning Communities&lt;/a&gt; or contact &lt;a href="mailto:ajcolenb@delta.edu"&gt;Drew Colenbrander&lt;/a&gt; Course Theme: "Power and Success."</small> |                      |             |           |          |      |                 |      |              |     |     |             |
| ENG 098-WN110   | PREP COLL WRITING    | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | S055 | 3            | 18  | 13  | 1/10 - 4/26 |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name  | Title             | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|---|-------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| ENG 098-WN120   | PREP COLL WRITING | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:25P  | S055 | 3            | 18  | 19  | 1/9 - 4/25  |
| ENG 098-WN130   | PREP COLL WRITING | Regular     | LCLB      | DLTA     | T    | 9:30A - 10:55A  | S228 | 3            | 18  | 18  | 1/10 - 4/26 |
|   |                   | Regular     | LN2       | DLTA     | R    | 9:30A - 10:55A  | A125 | 3            |     |     | 1/10 - 4/26 |
| ENG 098-WN140   | PREP COLL WRITING | Regular     | LCLB      | DLTA     | MW   | 10:30A - 11:55A | A124 | 3            | 18  | 16  | 1/9 - 4/25  |
| ENG 098-WN150   | PREP COLL WRITING | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:25P  | S036 | 3            | 18  | 18  | 1/9 - 4/25  |
| ENG 098-WN152   | PREP COLL WRITING | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:25P  | J134 | 3            | 18  | 18  | 1/9 - 4/25  |
| ENG 098-WN160   | PREP COLL WRITING | Regular     | LCLB      | DLTA     | T    | 12:00P - 1:25P  | M103 | 3            | 18  | 17  | 1/10 - 4/26 |
|   |                   | Regular     | LN2       | DLTA     | R    | 12:00P - 1:25P  | F251 | 3            |     |     | 1/10 - 4/26 |
| ENG 098-WN163   | PREP COLL WRITING | Regular     | LCLB      | DLTA     | MW   | 12:30P - 1:55P  | M100 | 3            | 18  | 15  | 1/9 - 4/25  |
| ENG 098-WN165   | PREP COLL WRITING | Regular     | LCLB      | DLTA     | TR   | 12:30P - 1:55P  | M100 | 3            | 18  | 18  | 1/10 - 4/26 |
| ENG 098-WN170   | PREP COLL WRITING | Regular     | LCLB      | RICK     | MW   | 8:00A - 9:25A   | 111  | 3            | 18  | 15  | 1/9 - 4/25  |
| ENG 098-WN305   | PREP COLL WRITING | Regular     | LCLB      | RICK     | TR   | 6:00P - 7:25P   | 144  | 3            | 18  | 20  | 1/10 - 4/26 |
| ENG 098-WN307   | PREP COLL WRITING | Regular     | LCLB      | DLTA     | TR   | 6:00P - 7:25P   | S220 | 3            | 18  | 19  | 1/10 - 4/26 |
| ENG 098-WN310   | PREP COLL WRITING | Regular     | LCLB      | DLTA     | TR   | 7:00P - 8:25P   | S037 | 3            | 18  | 17  | 1/10 - 4/26 |
| ENG 098-WN620   | PREP COLL WRITING | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:25P   | S040 | 3            | 18  | 10  | 1/10 - 4/26 |
| <p><small>&lt;font color="#ff0000"&gt;&lt;b&gt;***Learning Community Course. Must also enroll in MTH 096 WN620, MTH 097 WN620, and SSI 292W WN620.***&lt;/b&gt;&lt;/font&gt; For more information about learning communities, visit &lt;a href="http://www.delta.edu/learningcommunities.aspx"&gt;Learning Communities&lt;/a&gt; or contact &lt;a href="mailto:ajcolenb@delta.edu"&gt;Drew Colenbrander&lt;/a&gt;</small></p> |                   |             |           |          |      |                 |      |              |     |     |             |
| ENG 098-WN630   | PREP COLL WRITING | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | S040 | 3            | 15  | 12  | 1/10 - 4/26 |
| <p><small>&lt;font color="#ff0000"&gt;&lt;b&gt;***Learning Community Course. Must also enroll in ENG 093-WN630.***&lt;/b&gt;&lt;/font&gt; For more information about learning communities, visit &lt;a href="http://www.delta.edu/learningcommunities.aspx"&gt;Learning Communities&lt;/a&gt; or contact &lt;a href="mailto:ajcolenb@delta.edu"&gt;Drew Colenbrander&lt;/a&gt; Course Theme: "Power and Success."</small></p> |                   |             |           |          |      |                 |      |              |     |     |             |
| ENG 098-WN635   | PREP COLL WRITING | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A  | F015 | 3            | 18  | 16  | 1/11 - 4/25 |
| <p><small>&lt;font color="#ff0000"&gt;&lt;b&gt;***Learning Community Course. Must also enroll in PSY 101 WN635.***&lt;/b&gt;&lt;/font&gt; For more information about learning communities, visit &lt;a href="http://www.delta.edu/learningcommunities.aspx"&gt;Learning Communities&lt;/a&gt; or contact &lt;a href="mailto:ajcolenb@delta.edu"&gt;Drew Colenbrander&lt;/a&gt;</small></p>                                    |                   |             |           |          |      |                 |      |              |     |     |             |
| ENG 111-WN102   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:55A   | S060 | 3            | 20  | 19  | 1/9 - 4/25  |
| ENG 111-WN104   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:55A   | S034 | 3            | 20  | 20  | 1/9 - 4/25  |
| ENG 111-WN108   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | M    | 8:00A - 11:55A  | A121 | 3            | 20  | 19  | 1/9 - 4/23  |
| ENG 111-WN110   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | S038 | 3            | 20  | 19  | 1/10 - 4/26 |
| ENG 111-WN112   | COLLEGE COMP I    | Regular     | LCLB      | DCMC     | F    | 9:00A - 12:55P  | 201  | 3            | 20  | 17  | 1/13 - 4/27 |
| ENG 111-WN114   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | TR   | 8:00A - 9:55A   | S225 | 3            | 20  | 19  | 1/10 - 4/24 |
| ENG 111-WN116   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | S037 | 3            | 20  | 20  | 1/10 - 4/26 |
| ENG 111-WN118   | COLLEGE COMP I    | Regular     | LCLB      | RICK     | MW   | 10:00A - 11:00A | 111  | 3            | 20  | 18  | 1/9 - 4/25  |
|   |                   | Regular     | LN2       | RICK     | MW   | 11:00A - 11:55A | 141  | 3            |     |     | 1/9 - 4/25  |
| ENG 111-WN120   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | S039 | 3            | 20  | 21  | 1/9 - 4/25  |
| <p><small>Note: A &lt;a href="http://www.delta.edu/pages/10924.aspx"&gt;Sustainability Related Course &lt;/a&gt; .</small></p>  |                   |             |           |          |      |                 |      |              |     |     |             |
| ENG 111-WN122   | COLLEGE COMP I    | Regular     | LCLB      | DCMC     | M    | 11:00A - 2:55P  | 103  | 3            | 20  | 18  | 1/9 - 4/23  |
| <p><small>Students are required to bring their own WIFI enabled netbooks or laptops to each class. Netbooks are available for purchase in the college Bookstore.</small></p>  |                   |             |           |          |      |                 |      |              |     |     |             |
| ENG 111-WN124   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | T    | 11:00A - 2:55P  | S264 | 3            | 20  | 19  | 1/10 - 4/24 |
| ENG 111-WN128   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | W    | 12:00P - 3:55P  | S059 | 3            | 20  | 19  | 1/11 - 4/25 |
| ENG 111-WN130   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | TR   | 12:00P - 1:55P  | S039 | 3            | 20  | 20  | 1/10 - 4/26 |
| ENG 111-WN132   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | TR   | 12:00P - 1:55P  | S038 | 3            | 20  | 18  | 1/10 - 4/26 |
| ENG 111-WN134   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | M    | 12:00P - 3:55P  | A121 | 3            | 20  | 20  | 1/9 - 4/23  |
| ENG 111-WN136   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | S054 | 3            | 20  | 22  | 1/9 - 4/25  |
| ENG 111-WN138   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | S040 | 3            | 20  | 18  | 1/9 - 4/25  |
| ENG 111-WN140   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | M    | 12:30P - 4:25P  | S058 | 3            | 20  | 20  | 1/9 - 4/23  |
| ENG 111-WN144   | COLLEGE COMP I    | Regular     | LCLB      | DCPL     | T    | 1:00P - 4:55P   | 212  | 3            | 20  | 19  | 1/10 - 4/24 |
| ENG 111-WN146   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | S037 | 3            | 20  | 20  | 1/10 - 4/26 |
| ENG 111-WN148   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | S036 | 3            | 20  | 20  | 1/10 - 4/26 |
| ENG 111-WN150   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | A123 | 3            | 20  | 21  | 1/10 - 4/26 |
| ENG 111-WN152   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | R    | 2:00P - 5:55P   | S057 | 3            | 20  | 19  | 1/12 - 4/26 |
| ENG 111-WN154   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | MW   | 1:00P - 2:55P   | F005 | 3            | 20  | 20  | 1/9 - 4/25  |
| ENG 111-WN156   | COLLEGE COMP I    | Regular     | LCLB      | DLTA     | T    | 2:00P - 5:55P   | A124 | 3            | 20  | 20  | 1/10 - 4/24 |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name  | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|---|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| ENG 111-WN166   | COLLEGE COMP I      | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | S263 | 3            | 20  | 22  | 1/9 - 4/25  |
| ENG 111-WN205   | COLLEGE COMP I      | Regular     | LCLB      | DLTA     | M    | 5:00P - 8:55P   | A125 | 3            | 20  | 18  | 1/9 - 4/23  |
| ENG 111-WN210   | COLLEGE COMP I      | Regular     | LCLB      | DLTA     | W    | 5:00P - 8:00P   | S220 | 3            | 20  | 18  | 1/11 - 4/25 |
|   |                     | Regular     | LN2       | DLTA     | W    | 8:00P - 8:55P   | A123 | 3            |     |     | 1/11 - 4/25 |
| ENG 111-WN215   | COLLEGE COMP I      | Regular     | LCLB      | DCMC     | M    | 5:00P - 8:55P   | 104  | 3            | 20  | 18  | 1/9 - 4/23  |
| ENG 111-WN216   | COLLEGE COMP I      | Regular     | LCLB      | DLTA     | W    | 5:00P - 8:55P   | A125 | 3            | 20  | 22  | 1/11 - 4/25 |
| ENG 111-WN217   | COLLEGE COMP I      | Regular     | LCLB      | DCPL     | W    | 5:00P - 8:55P   | 117  | 3            | 20  | 18  | 1/11 - 4/25 |
| ENG 111-WN220   | COLLEGE COMP I      | Regular     | LCLB      | DLTA     | W    | 5:00P - 8:55P   | S036 | 3            | 20  | 17  | 1/11 - 4/25 |
| ENG 111-WN325   | COLLEGE COMP I      | Regular     | LCLB      | DLTA     | MW   | 7:30P - 9:25P   | A124 | 3            | 20  | 19  | 1/9 - 4/25  |
| Note: This section is currently set at 0 capacity until an instructor is assigned to it. Students can wait list this section. When an instructor is assigned, all wait listed students will be enrolled first; then it will be open until filled. |                     |             |           |          |      |                 |      |              |     |     |             |
| ENG 111-WN330   | COLLEGE COMP I      | Regular     | LCLB      | RICK     | R    | 6:00P - 9:55P   | 112  | 3            | 20  | 20  | 1/12 - 4/26 |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> .  |                     |             |           |          |      |                 |      |              |     |     |             |
| ENG 111-WN335   | COLLEGE COMP I      | Regular     | LCLB      | DLTA     | R    | 6:00P - 9:55P   | A124 | 3            | 20  | 17  | 1/12 - 4/26 |
| ENG 111-WN340   | COLLEGE COMP I      | Regular     | LCLB      | DLTA     | R    | 6:00P - 9:55P   | A125 | 3            | 20  | 19  | 1/12 - 4/26 |
| ENG 111A-WN105  | WRIT MET/COL COMP I | Regular     | LCLB      | DLTA     | TR   | 8:30A - 10:55A  | S056 | 3            | 18  | 18  | 1/10 - 4/26 |
| ENG 111A-WN110  | WRIT MET/COL COMP I | Regular     | LCLB      | DLTA     | MW   | 8:00A - 10:25A  | A124 | 3            | 18  | 18  | 1/9 - 4/25  |
| Note: Basic knowledge of word processing, Internet, and computer functions strongly recommended for this course.  |                     |             |           |          |      |                 |      |              |     |     |             |
| ENG 111A-WN117  | WRIT MET/COL COMP I | Regular     | LCLB      | DLTA     | MW   | 8:00A - 10:25A  | S040 | 3            | 18  | 17  | 1/9 - 4/25  |
| ENG 111A-WN120  | WRIT MET/COL COMP I | Regular     | LCLB      | RICK     | MW   | 8:30A - 10:55A  | 141  | 3            | 18  | 16  | 1/9 - 4/25  |
| ENG 111A-WN127  | WRIT MET/COL COMP I | Regular     | LCLB      | DLTA     | TR   | 8:30A - 10:55A  | S039 | 3            | 18  | 18  | 1/10 - 4/26 |
| ENG 111A-WN130  | WRIT MET/COL COMP I | Regular     | LCLB      | DLTA     | M    | 9:30A - 11:55A  | A123 | 3            | 18  | 18  | 1/9 - 4/25  |
|   |                     | Regular     | LN2       | DLTA     | W    | 9:30A - 11:55A  | S038 | 3            |     |     | 1/9 - 4/25  |
| ENG 111A-WN135  | WRIT MET/COL COMP I | Regular     | LCLB      | DCPL     | T    | 11:00A - 1:25P  | 223  | 3            | 18  | 14  | 1/10 - 4/26 |
|   |                     | Regular     | LN2       | DCPL     | R    | 11:00A - 1:25P  | 117  | 3            |     |     | 1/10 - 4/26 |
| Note: Students are required to bring their own WIFI enabled laptops or netbooks to each class. Netbooks are available for purchase in the college bookstore.  |                     |             |           |          |      |                 |      |              |     |     |             |
| ENG 111A-WN140  | WRIT MET/COL COMP I | Regular     | LCLB      | DLTA     | MW   | 9:30A - 11:55A  | A125 | 3            | 18  | 17  | 1/9 - 4/25  |
| ENG 111A-WN145  | WRIT MET/COL COMP I | Regular     | LCLB      | DLTA     | MW   | 9:30A - 11:55A  | S059 | 3            | 18  | 16  | 1/9 - 4/25  |
| Note: Students are required to bring their own WIFI enabled laptops or netbooks to each class. Netbooks are available for purchase in the college bookstore.  |                     |             |           |          |      |                 |      |              |     |     |             |
| ENG 111A-WN150  | WRIT MET/COL COMP I | Regular     | LCLB      | DLTA     | TR   | 8:00A - 10:25A  | A124 | 3            | 18  | 18  | 1/10 - 4/26 |
| Note: Basic knowledge of word processing, Internet, and computer functions strongly recommended for this course.  |                     |             |           |          |      |                 |      |              |     |     |             |
| ENG 111A-WN155  | WRIT MET/COL COMP I | Regular     | LCLB      | DLTA     | TR   | 11:30A - 1:55P  | A124 | 3            | 18  | 18  | 1/10 - 4/26 |
| Course Theme: "Everybody Eats: Exploring Nourishment, Hunger, and Comfort and Necessity of Food"  |                     |             |           |          |      |                 |      |              |     |     |             |
| ENG 111A-WN160  | WRIT MET/COL COMP I | Regular     | LCLB      | DLTA     | TR   | 12:00P - 2:25P  | S224 | 3            | 18  | 18  | 1/10 - 4/26 |
| ENG 111A-WN210  | WRIT MET/COL COMP I | Regular     | LCLB      | DLTA     | MW   | 5:00P - 7:25P   | G163 | 3            | 18  | 18  | 1/9 - 4/25  |
| Note: Must qualify for the Honors Program to enroll in this course. Contact the Honors Office at 989.686.9091 or <a href="http://www3.delta.edu/honors/">Honors</a> for details.  |                     |             |           |          |      |                 |      |              |     |     |             |
| ENG 111H-WN110  | HNRS COLL COMP I    | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A  | F006 | 3            | 18  | 16  | 1/11 - 4/25 |
| ENG 112-WN102   | COLLEGE COMP II     | Regular     | LCLB      | DLTA     | T    | 8:00A - 9:25A   | S036 | 3            | 20  | 18  | 1/10 - 4/26 |
|   |                     | Regular     | LN2       | DLTA     | R    | 8:00A - 9:25A   | S036 | 3            |     |     | 1/10 - 4/26 |
| ENG 112-WN104   | COLLEGE COMP II     | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:25A   | A125 | 3            | 20  | 16  | 1/9 - 4/25  |
| ENG 112-WN106   | COLLEGE COMP II     | Regular     | LCLB      | DCPL     | TR   | 8:00A - 9:25A   | 223  | 3            | 20  | 19  | 1/10 - 4/26 |
| ENG 112-WN108   | COLLEGE COMP II     | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:25A   | S220 | 3            | 20  | 21  | 1/9 - 4/25  |
| ENG 112-WN112   | COLLEGE COMP II     | Regular     | LCLB      | DLTA     | R    | 8:00A - 10:55A  | S034 | 3            | 20  | 21  | 1/12 - 4/26 |
| ENG 112-WN113   | COLLEGE COMP II     | Regular     | LCLB      | OTHR     | TR   | 8:30A - 9:55A   | HATC | 3            | 20  | 20  | 1/10 - 4/26 |
| ENG 112-WN114   | COLLEGE COMP II     | Regular     | LCLB      | DCMC     | TR   | 8:30A - 9:55A   | 153  | 3            | 20  | 20  | 1/10 - 4/26 |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> .  |                     |             |           |          |      |                 |      |              |     |     |             |
| ENG 112-WN115   | COLLEGE COMP II     | Regular     | LCLB      | OTHR     | W    | 11:30A - 2:25P  | HATC | 3            | 20  | 20  | 1/10 - 4/26 |
| This class will be taught on site in Bad Axe.   |                     |             |           |          |      |                 |      |              |     |     |             |
| ENG 112-WN116   | COLLEGE COMP II     | Regular     | LCLB      | DCMC     | TR   | 10:30A - 11:55A | 153  | 3            | 20  | 20  | 1/10 - 4/26 |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> .  |                     |             |           |          |      |                 |      |              |     |     |             |
| ENG 112-WN117   | COLLEGE COMP II     | Regular     | LCLB      | OTHR     | MW   | 8:30A - 10:55A  | HATC | 3            | 20  | 12  | 1/9 - 4/25  |
| ENG 112-WN118   | COLLEGE COMP II     | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A  | S036 | 3            | 20  | 20  | 1/11 - 4/25 |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name                                       | Title           | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|--|-----------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| ENG 112-WN120                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | L117 | 3            | 20  | 19  | 1/10 - 4/26 |
| ENG 112-WN122                                      | COLLEGE COMP II | Regular     | LCLB      | OTHR     | TR   | 9:00A - 10:25A  | TBA  | 3            | 20  | 12  | 1/10 - 4/26 |
| ENG 112-WN124                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A  | F241 | 3            | 20  | 20  | 1/11 - 4/25 |
| ENG 112-WN128                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | F    | 9:00A - 11:55A  | S035 | 3            | 20  | 19  | 1/13 - 4/27 |
| ENG 112-WN130                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | M    | 9:00A - 11:55A  | S036 | 3            | 20  | 19  | 1/9 - 4/23  |
| ENG 112-WN132                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A  | A209 | 3            | 20  | 19  | 1/11 - 4/25 |
| ENG 112-WN134                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | F    | 9:00A - 11:55A  | S034 | 3            | 20  | 20  | 1/13 - 4/27 |
| ENG 112-WN138                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:25A | S035 | 3            | 20  | 15  | 1/9 - 4/25  |
| ENG 112-WN140                                      | COLLEGE COMP II | Regular     | LCLB      | DCPL     | T    | 10:00A - 11:25A | 117  | 3            | 20  | 16  | 1/10 - 4/26 |
|  |                 | Regular     | LN2       | DCPL     | R    | 10:00A - 11:25A | 221  | 3            |     |     | 1/10 - 4/26 |
| ENG 112-WN141                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | F    | 10:00A - 12:55P | S060 | 3            | 20  | 17  | 1/13 - 4/27 |
| ENG 112-WN142                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:25A | S220 | 3            | 20  | 21  | 1/9 - 4/25  |
| ENG 112-WN144                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | M    | 10:00A - 11:25A | S038 | 3            | 20  | 20  | 1/9 - 4/25  |
|  |                 | Regular     | LN2       | DLTA     | W    | 10:00A - 11:25A | A121 | 3            |     |     | 1/9 - 4/25  |
| ENG 112-WN148                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | F    | 10:00A - 12:55P | A125 | 3            | 20  | 20  | 1/13 - 4/27 |
| ENG 112-WN150                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:25P | S035 | 3            | 20  | 23  | 1/10 - 4/26 |
| ENG 112-WN152                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | MW   | 9:30A - 10:55A  | S037 | 3            | 20  | 19  | 1/9 - 4/25  |
| ENG 112-WN158                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:25P  | S038 | 3            | 20  | 20  | 1/9 - 4/25  |
| ENG 112-WN160                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | M    | 12:00P - 1:25P  | A123 | 3            | 20  | 19  | 1/9 - 4/25  |
|  |                 | Regular     | LN2       | DLTA     | W    | 12:00P - 1:25P  | S058 | 3            |     |     | 1/9 - 4/25  |
| ENG 112-WN163                                      | COLLEGE COMP II | Regular     | LCLB      | OTHR     | TR   | 12:30P - 1:55P  | CARO | 3            | 0   | 14  | 1/10 - 4/26 |
| ENG 112-WN164                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | TR   | 12:30P - 1:55P  | S037 | 3            | 20  | 18  | 1/10 - 4/26 |
| ENG 112-WN165                                      | COLLEGE COMP II | Regular     | LCLB      | OTHR     | TR   | 12:40P - 2:10P  | FREE | 3            | 0   | 14  | 1/9 - 4/25  |
| This class will be taught at Freeland High School. |                 |             |           |          |      |                 |      |              |     |     |             |
| ENG 112-WN166                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | A125 | 3            | 20  | 20  | 1/9 - 4/23  |
| ENG 112-WN168                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | MW   | 12:30P - 1:55P  | S035 | 3            | 20  | 19  | 1/9 - 4/25  |
| ENG 112-WN170                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | T    | 12:30P - 3:25P  | S058 | 3            | 20  | 21  | 1/10 - 4/24 |
| ENG 112-WN172                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | MW   | 3:30P - 4:55P   | A124 | 3            | 20  | 22  | 1/9 - 4/25  |
| ENG 112-WN174                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | TR   | 1:30P - 2:55P   | S034 | 3            | 20  | 21  | 1/10 - 4/26 |
| ENG 112-WN176                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | TR   | 12:30P - 1:55P  | S036 | 3            | 20  | 18  | 1/10 - 4/26 |
| ENG 112-WN180                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | T    | 2:00P - 4:55P   | A121 | 3            | 20  | 19  | 1/10 - 4/24 |
| ENG 112-WN182                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | R    | 3:00P - 5:55P   | A121 | 3            | 20  | 19  | 1/12 - 4/26 |
| ENG 112-WN184                                      | COLLEGE COMP II | Regular     | LCLB      | DCPL     | T    | 3:00P - 5:55P   | 117  | 3            | 20  | 16  | 1/10 - 4/24 |
| ENG 112-WN220                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P   | A123 | 3            | 20  | 20  | 1/11 - 4/25 |
| ENG 112-WN305                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P   | S037 | 3            | 20  | 18  | 1/9 - 4/23  |
| ENG 112-WN306                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | A121 | 3            | 20  | 21  | 1/10 - 4/24 |
| ENG 112-WN307                                      | COLLEGE COMP II | Regular     | LCLB      | RICK     | T    | 6:00P - 8:55P   | 113  | 3            | 20  | 16  | 1/10 - 4/24 |
| ENG 112-WN310                                      | COLLEGE COMP II | Regular     | LCLB      | DCPL     | W    | 6:30P - 9:25P   | 223  | 3            | 20  | 15  | 1/11 - 4/25 |
| ENG 112-WN315                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | M    | 6:30P - 9:25P   | A121 | 3            | 20  | 19  | 1/9 - 4/23  |
| ENG 112-WN320                                      | COLLEGE COMP II | Regular     | LCLB      | RICK     | W    | 6:30P - 9:25P   | 115  | 3            | 20  | 20  | 1/11 - 4/25 |
| ENG 112-WN325                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | W    | 6:30P - 9:25P   | A121 | 3            | 20  | 19  | 1/11 - 4/25 |
| ENG 112-WN330                                      | COLLEGE COMP II | Regular     | LCLB      | DCMC     | T    | 6:30P - 9:25P   | 156  | 3            | 20  | 19  | 1/10 - 4/24 |
| ENG 112-WN340                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | T    | 7:00P - 9:55P   | A125 | 3            | 20  | 17  | 1/10 - 4/24 |
| ENG 112-WN345                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | M    | 7:00P - 9:55P   | S036 | 3            | 20  | 17  | 1/9 - 4/23  |
| ENG 112-WN350                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | W    | 7:00P - 9:55P   | S034 | 3            | 20  | 20  | 1/11 - 4/25 |
| ENG 112-WN410                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | S    | 9:00A - 11:55A  | A124 | 3            | 20  | 13  | 1/7 - 4/21  |
| ENG 112-WN622                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | T    | 8:00A - 10:55A  | S224 | 3            | 20  | 21  | 1/10 - 4/24 |
| ENG 112-WN628                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | S059 | 3            | 18  | 15  | 1/10 - 4/24 |
| ENG 112-WN645                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A  | S125 | 3            | 20  | 15  | 1/11 - 4/25 |
| ENG 112-WN650                                      | COLLEGE COMP II | Regular     | LCLB      | DLTA     | TR   | 12:00P - 1:25P  | S125 | 3            | 38  | 4   | 1/10 - 4/26 |

<font color="#ff0000"><b>\*\*\*Learning Community Course. Must also register for HIS 111W WN650.\*\*\*</b></font> For more information about learning communities, visit <a href="http://www.delta.edu/learningcommunities.aspx">Learning Communities</a> or contact <a href="mailto:ajcolenb@delta.edu">Drew Colenbrander</a>



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name  | Title                | Term Length | Inst Meth | Location | Days | Time           | Room | Credit Hours | Cap | Enr | Dates       |
|---|----------------------|-------------|-----------|----------|------|----------------|------|--------------|-----|-----|-------------|
| ENG 112-WN665   | COLLEGE COMP II      | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:25P | S037 | 3            | 20  | 19  | 1/9 - 4/25  |
| ENG 112A-WN110  | WRNG METH CMP II     | Regular     | LCLB      | DLTA     | T    | 8:30A - 10:55A | A125 | 3            | 18  | 10  | 1/10 - 4/26 |
|   |                      | Regular     | LCLB      | DLTA     | R    | 8:30A - 10:55A | S228 | 3            |     |     | 1/10 - 4/26 |
| ENG 112A-WN120  | WRNG METH CMP II     | Regular     | LCLB      | DLTA     | TR   | 11:30A - 1:55P | A125 | 3            | 18  | 18  | 1/10 - 4/26 |
| Note: Basic knowledge of word processing, Internet, and computer functions strongly recommended for this course.  |                      |             |           |          |      |                |      |              |     |     |             |
| ENG 112A-WN125  | WRNG METH CMP II     | Regular     | LCLB      | DLTA     | TR   | 3:00P - 5:25P  | S034 | 3            | 18  | 17  | 1/10 - 4/26 |
| ENG 112A-WN130  | WRNG METH CMP II     | Regular     | LCLB      | DLTA     | MW   | 2:00P - 4:25P  | S034 | 3            | 18  | 13  | 1/9 - 4/25  |
| ENG 112A-WN310  | WRNG METH CMP II     | Regular     | LCLB      | DLTA     | TR   | 6:00P - 8:25P  | S060 | 3            | 18  | 8   | 1/10 - 4/26 |
| Note: Must qualify for the Honors Program to enroll in this course. Contact the <a href="http://www3.delta.edu/honors/">Honors Office</a> or at 989.686.9091 for details.   |                      |             |           |          |      |                |      |              |     |     |             |
| ENG 112H-WN110  | HNRS COLL COMP II    | Regular     | LCLB      | DLTA     | R    | 8:00A - 10:55A | S035 | 3            | 18  | 14  | 1/12 - 4/26 |
| ENG 112H-WN120  | HNRS COLL COMP II    | Regular     | LCLB      | DLTA     | W    | 1:00P - 3:55P  | G163 | 3            | 18  | 18  | 1/11 - 4/25 |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course</a> .   |                      |             |           |          |      |                |      |              |     |     |             |
| ENG 112H-WN651  | HNRS COLL COMP II    | Regular     | LCLB      | DLTA     | TR   | 12:00P - 1:25P | S125 | 3            | 38  | 22  | 1/10 - 4/26 |
| <b>Learning Community Course.</b> Must also enroll in HIS 111HW WN651. For more information about learning communities, visit <a href="http://www.delta.edu/learningcommunities.aspx">http://www.delta.edu/learningcommunities.aspx</a> or contact <a href="mailto:ajcolenb@delta.edu">ajcolenb@delta.edu</a> Drew Colenbrander |                      |             |           |          |      |                |      |              |     |     |             |
| ENG 113-WN110   | TECHNICAL COMM       | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A | S036 | 3            | 20  | 18  | 1/10 - 4/26 |
| ENG 113-WN130   | TECHNICAL COMM       | Regular     | LCLB      | DLTA     | TR   | 12:00P - 1:25P | S034 | 3            | 20  | 20  | 1/10 - 4/26 |
| ENG 113-WN140   | TECHNICAL COMM       | Regular     | LCLB      | DLTA     | R    | 3:00P - 5:55P  | A124 | 3            | 20  | 19  | 1/12 - 4/26 |
| ENG 113-WN150   | TECHNICAL COMM       | Regular     | LCLB      | DLTA     | R    | 3:00P - 5:55P  | S055 | 3            | 20  | 19  | 1/12 - 4/26 |
| ENG 113-WN210   | TECHNICAL COMM       | Regular     | LCLB      | OTHR     | W    | 5:00P - 7:55P  | SCJB | 3            | 0   | 20  | 1/9 - 4/25  |
| This section is reserved for SC Johnson Employees.  |                      |             |           |          |      |                |      |              |     |     |             |
| ENG 113-WN310   | TECHNICAL COMM       | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P  | A124 | 3            | 20  | 19  | 1/10 - 4/24 |
| ENG 115-WN110   | MASS MEDIA           | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:25P | S039 | 3            | 18  | 17  | 1/9 - 4/25  |
| ENG 116-WN110   | NEWS WRITING         | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P | A125 | 3            | 18  | 15  | 1/9 - 4/25  |
| ENG 211-WN310   | ADVANCED COMP        | Regular     | LCLB      | RICK     | M    | 6:30P - 9:40P  | 115  | 3            | 18  | 11  | 1/16 - 4/23 |
| Note: Must qualify for the Honors Program to enroll in this course. Contact the Honors Office at 989.686.9091 or visit the <a href="http://www3.delta.edu/honors/">Honors Website</a> for details.  |                      |             |           |          |      |                |      |              |     |     |             |
| ENG 211H-WN310  | ADVANCED COMP        | Regular     | LCLB      | RICK     | M    | 6:30P - 9:40P  | 115  | 3            | 18  | 3   | 1/16 - 4/23 |
| ENG 214-WN110   | INTRO PROF WRITING   | Regular     | LCLB      | DLTA     | M    | 12:30P - 1:55P | K111 | 3            | 18  | 9   | 1/9 - 4/25  |
|   |                      | Regular     | LCLB      | DLTA     | W    | 12:30P - 1:55P | S266 | 3            |     |     | 1/9 - 4/25  |
| ENG 253-WN110   | CREATV WRIT POETRY   | Regular     | LCLB      | DLTA     | T    | 8:00A - 10:55A | S226 | 3            | 18  | 14  | 1/10 - 4/24 |
| ENG 254-WN110   | CREATV WRIT FICTN    | Regular     | LCLB      | DLTA     | F    | 9:00A - 11:55A | S036 | 3            | 18  | 15  | 1/13 - 4/27 |
| ENG 254-WN310   | CREATV WRIT FICTN    | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P  | S038 | 3            | 18  | 16  | 1/10 - 4/24 |
| ENG 256-WN110   | CREATIVE NON-FICTION | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:25P  | S038 | 3            | 18  | 17  | 1/10 - 4/26 |
| ENT 131W-WN310  | ENTREPRENER SM BUS 1 | Regular     | LCLB      | DLTA     | T    | 7:00P - 9:55P  | S057 | 3            | 25  | 25  | 1/10 - 4/24 |
| ENV 100W-WN310  | ENVIRONMENTAL/REGS   | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P  | C132 | 3            | 25  | 26  | 1/11 - 4/25 |
| ENV 310W-WN310  | ENV SITE ASSESSMENT  | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P  | E110 | 3            | 16  | 8   | 1/11 - 4/25 |
| Note: This course follows the ASTM Phase I Environmental Site Assessment Standard as taught by ASTM International.  |                      |             |           |          |      |                |      |              |     |     |             |
| ET 110W-WN110   | DC ELECTRICAL FUND   | Regular     | LCLB      | DLTA     | T    | 6:00P - 9:55P  | N206 | 3            | 18  | 11  | 1/10 - 4/24 |
| OSHA approved safety glasses are required for this course   |                      |             |           |          |      |                |      |              |     |     |             |
| ET 120-WN110  | AC ELECTRICAL FUND   | Regular     | LCLB      | DLTA     | R    | 6:00P - 9:55P  | N206 | 3            | 18  | 11  | 1/12 - 4/26 |
| OSHA approved safety glasses are required for this course   |                      |             |           |          |      |                |      |              |     |     |             |
| ET 130-WN110  | ADV ELECTRICAL APPS  | Regular     | LCLB      | DLTA     | M    | 6:00P - 7:55P  | L114 | 3            | 18  | 10  | 1/9 - 4/23  |
|   |                      | Regular     | LCLB      | DLTA     | M    | 8:00P - 9:55P  | L118 | 3            |     |     | 1/9 - 4/23  |
| OSHA approved safety glasses are required for this course   |                      |             |           |          |      |                |      |              |     |     |             |
| ET 140-WN210  | FUND MOTOR CTRLS     | Regular     | LCLB      | DLTA     | F    | 5:00P - 6:55P  | L106 | 3            | 18  | 21  | 1/13 - 4/27 |
|   |                      | Regular     | LCLB      | DLTA     | F    | 7:00P - 8:55P  | L113 | 3            |     |     | 1/13 - 4/27 |
| OSHA approved safety glasses are required for this course   |                      |             |           |          |      |                |      |              |     |     |             |
| FST 102W-WN310  | FIREGROUND TACTICS   | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P  | M104 | 3            | 20  | 13  | 1/12 - 4/26 |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name  | Title                | Term Length | Inst Meth | Location | Days  | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|---|----------------------|-------------|-----------|----------|-------|-----------------|------|--------------|-----|-----|-------------|
| HIS 221W-WN110  | EARLY AM HISTORY     | Regular     | LCLB      | DLTA     | MW    | 10:00A - 11:25A | S034 | 3            | 25  | 21  | 1/9 - 4/25  |
| Note: Out-of-class testing.   |                      |             |           |          |       |                 |      |              |     |     |             |
| HIS 221W-WN120  | EARLY AM HISTORY     | Regular     | LCLB      | DLTA     | MW    | 12:00P - 1:25P  | S034 | 3            | 25  | 22  | 1/9 - 4/25  |
| Note: Out-of-class testing.   |                      |             |           |          |       |                 |      |              |     |     |             |
| HIS 221W-WN130  | EARLY AM HISTORY     | Regular     | LCLB      | OTHR     | MW    | 1:00P - 2:25P   | FREE | 3            | 25  | 14  | 1/9 - 4/25  |
| Note: Does not have HIS 221W as a prerequisite.   |                      |             |           |          |       |                 |      |              |     |     |             |
| HIS 222W-WN120  | RECNT AMERCN HISTRY  | Regular     | LCLB      | DLTA     | TR    | 11:00A - 12:25P | J132 | 3            | 25  | 24  | 1/10 - 4/26 |
| HIS 222W-WN130  | RECNT AMERCN HISTRY  | Regular     | LCLB      | DLTA     | MW    | 2:00P - 3:25P   | J133 | 3            | 25  | 25  | 1/9 - 4/25  |
| Note: Out-of-class testing.   |                      |             |           |          |       |                 |      |              |     |     |             |
| HIS 222W-WN140  | RECNT AMERCN HISTRY  | Regular     | LCLB      | RICK     | M     | 1:00P - 4:10P   | 112  | 3            | 25  | 25  | 1/16 - 4/23 |
| HIS 222W-WN310  | RECNT AMERCN HISTRY  | Regular     | LCLB      | DLTA     | W     | 6:00P - 8:55P   | S266 | 3            | 25  | 22  | 1/11 - 4/25 |
| HIS 222W-WN624  | RECNT AMERCN HISTRY  | Regular     | LCLB      | DLTA     | TR    | 9:30A - 10:55A  | J132 | 3            | 25  | 18  | 1/10 - 4/26 |
| Note: Humanities Learning Center Course. You must register for at least one other HLC course (620 series of sections) ART 115, COM112, ENG 112, PHL 213 or POL 103. Contact Laura Dull (mailto:ldull2@delta.edu) for more information.  |                      |             |           |          |       |                 |      |              |     |     |             |
| HIS 225W-WN210  | WOMEN AND GEND WEST  | Regular     | LCLB      | DLTA     | W     | 5:00P - 7:55P   | J141 | 3            | 25  | 22  | 1/11 - 4/25 |
| HIS 237W-WN110  | HISTORY OF MICH/PRO  | Regular     | LCLB      | DLTA     | W     | 10:00A - 11:55A | E112 | 3            | 25  | 25  | 1/11 - 4/25 |
| Note: Out-of-class testing.   |                      |             |           |          |       |                 |      |              |     |     |             |
| HIS 237W-WN120  | HISTORY OF MICH/PRO  | Regular     | LCLB      | DLTA     | T     | 2:00P - 3:55P   | J134 | 3            | 25  | 25  | 1/10 - 4/24 |
| Note: Must qualify for the Honors Program to enroll in this course. Contact the <a href="http://www3.delta.edu/honors/">Honors Office</a> or at 686-9091.   |                      |             |           |          |       |                 |      |              |     |     |             |
| IHU 201HW-WN110   | HONORS COLLOQUY      | Regular     | LCLB      | DLTA     | M     | 12:00P - 2:55P  | S059 | 3            | 18  | 10  | 1/9 - 4/23  |
| Note: Must qualify for the Honors Program. Contact the <a href="http://www.delta.edu/honors.aspx">Honors Office</a> or at 686-9091 for details. Same as LIT 201HW. Credit may be earned in IHU 201HW or LIT 201HW but not both.   |                      |             |           |          |       |                 |      |              |     |     |             |
| IHU 201HW-WN120   | HONORS COLLOQUY      | Regular     | LCLB      | DLTA     | W     | 9:00A - 11:55A  | P110 | 3            | 18  | 4   | 1/11 - 4/25 |
| IHU 226W-WN110  | INTRO FILM           | Regular     | LCLB      | DLTA     | M     | 2:00P - 4:55P   | S105 | 3            | 25  | 6   | 1/9 - 4/23  |
| Note: Same as LIT 226W. Credit may be earned in IHU 226W or LIT 226W but not both.  |                      |             |           |          |       |                 |      |              |     |     |             |
| IHU 240W-WN110  | LEAD POSITIVE CHANGE | Regular     | LCLB      | DLTA     | M     | 2:00P - 4:55P   | F004 | 3            | 25  | 14  | 1/9 - 4/23  |
| Note: Must qualify for Honors Program or have instructor permission. Contact <a href="http://www3.delta.edu/honors/">Honors</a> or 686-9091 or <a href="mailto:aghill@delta.edu">aghill@delta.edu</a> Alan Hill for details. Credit may be earned in IHU 282HW or SOC 282HW but not both. |                      |             |           |          |       |                 |      |              |     |     |             |
| IHU 282HW-WN110   | HNRS SEM SOC ISSUE   | Regular     | LCLB      | DLTA     | T     | 11:00A - 1:55P  | S060 | 3            | 20  | 5   | 1/10 - 4/24 |
| Note: Must qualify for the Honors Program to enroll in this course. Contact the Honors Office at 989.686.9091 or <a href="http://www3.delta.edu/honors/">Honors Website</a> for details.  |                      |             |           |          |       |                 |      |              |     |     |             |
| LIT 201HW-WN110   | HONORS COLLOQUY      | Regular     | LCLB      | DLTA     | M     | 12:00P - 2:55P  | S059 | 3            | 18  | 5   | 1/9 - 4/23  |
| LIT 201HW-WN120   | HONORS COLLOQUY      | Regular     | LCLB      | DLTA     | W     | 9:00A - 11:55A  | P110 | 3            | 18  | 5   | 1/11 - 4/25 |
| LIT 219W-WN100  | LITERARY ANALYSIS    | Regular     | LCLB      | DLTA     | T     | 8:00A - 10:55A  | S034 | 3            | 25  | 22  | 1/10 - 4/24 |
| LIT 221W-WN110  | READINGS-SHRT STORY  | Regular     | LCLB      | DLTA     | TR    | 12:30P - 1:55P  | S035 | 3            | 25  | 24  | 1/10 - 4/26 |
| LIT 222W-WN310  | READNG IN THE NOVEL  | Regular     | LCLB      | DCPL     | T     | 6:00P - 8:55P   | 221  | 3            | 20  | 13  | 1/10 - 4/24 |
| LIT 226W-WN110  | INTRO FILM           | Regular     | LCLB      | DLTA     | M     | 2:00P - 4:55P   | S105 | 3            | 25  | 20  | 1/9 - 4/23  |
| LIT 241W-WN110  | INTRO TO MYTHOLOGY   | Regular     | LCLB      | DLTA     | TR    | 2:00P - 3:25P   | S035 | 3            | 25  | 24  | 1/10 - 4/26 |
| LIT 242W-WN210  | BRITISH LITERATURE   | Regular     | LCLB      | DLTA     | M     | 5:00P - 7:55P   | S034 | 3            | 25  | 11  | 1/9 - 4/23  |
| LIT 260W-WN110  | HOLOCAUST HIS & LIT  | Regular     | LCLB      | DLTA     | T     | 8:00A - 10:55A  | S035 | 3            | 25  | 24  | 1/10 - 4/24 |
| LIT 283W-WN310  | LIT OF MYSTICISM     | Regular     | LCLB      | DLTA     | R     | 6:30P - 9:25P   | S036 | 3            | 25  | 24  | 1/12 - 4/26 |
| LSP 230-WN310   | CIVIL LIT            | Regular     | LCLB      | DLTA     | R     | 6:00P - 8:55P   | S040 | 3            | 18  | 18  | 1/12 - 4/26 |
| LSP 235-WN310   | CRIMINAL LAW & PROC  | Regular     | LCLB      | DLTA     | M     | 6:00P - 8:55P   | S040 | 3            | 25  | 24  | 1/9 - 4/23  |
| Note: Requires acceptance to Delta College Police Academy. Contact Criminal Justice Training Center, 686-9110.  |                      |             |           |          |       |                 |      |              |     |     |             |
| LWT 175-WN110   | AV FRST AID/EMG CAR  | Regular     | LCLB      | DLTA     | MTWRF | 7:00A - 4:55P   | C111 | 3            | 0   | 19  | 1/16 - 5/11 |
| LWT 175-WN120   | AV FRST AID/EMG CAR  | Regular     | LCLB      | DLTA     | MTWRF | 7:00A - 4:55P   | C111 | 3            | 0   | 0   | 1/16 - 5/11 |
| This course is required in certain Lifelong Wellness Programs and does not meet LW/LWA graduation requirements.   |                      |             |           |          |       |                 |      |              |     |     |             |
| LWT 210-WN210   | NUTRI:SCI OPT LIVNG  | Regular     | LCLB      | DLTA     | TR    | 6:00P - 7:25P   | P110 | 3            | 20  | 19  | 1/10 - 4/26 |
| LWT 231W-WN110  | INTRO ATHLETIC TRNG  | Regular     | LCLB      | DLTA     | TR    | 11:00A - 12:25P | F102 | 3            | 15  | 15  | 1/10 - 4/26 |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name   | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|--|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| LWT 255-WN110  | HEALTH FIT MGT/PROM | Regular     | LCLB      | DLTA     | R    | 8:00A - 10:55A  | P110 | 3            | 20  | 18  | 1/12 - 4/26 |
| MGT 110-WN110  | BUSINESS MATH       | Regular     | LCLB      | DLTA     | T    | 8:00A - 10:55A  | E112 | 3            | 25  | 24  | 1/10 - 4/24 |
| MGT 110-WN120  | BUSINESS MATH       | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | F006 | 3            | 25  | 26  | 1/10 - 4/24 |
| MGT 110-WN130  | BUSINESS MATH       | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | J136 | 3            | 25  | 25  | 1/9 - 4/23  |
| MGT 110-WN140  | BUSINESS MATH       | Regular     | LCLB      | DLTA     | T    | 3:00P - 5:55P   | M105 | 3            | 25  | 24  | 1/10 - 4/24 |
| MGT 110-WN310  | BUSINESS MATH       | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P   | A205 | 3            | 25  | 26  | 1/9 - 4/23  |
| MGT 143-WN110  | PRIN OF ADVERTISING | Regular     | LCLB      | DLTA     | R    | 8:00A - 10:55A  | M151 | 3            | 25  | 23  | 1/12 - 4/26 |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> . |                     |             |           |          |      |                 |      |              |     |     |             |
| MGT 143-WN120  | PRIN OF ADVERTISING | Regular     | LCLB      | DLTA     | R    | 3:00P - 5:55P   | J141 | 3            | 25  | 26  | 1/12 - 4/26 |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> . |                     |             |           |          |      |                 |      |              |     |     |             |
| MGT 145-WN120  | PRINCIPLES OF SALES | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | J141 | 3            | 25  | 26  | 1/9 - 4/23  |
| MGT 145-WN310  | PRINCIPLES OF SALES | Regular     | LCLB      | DLTA     | R    | 7:00P - 9:55P   | S263 | 3            | 25  | 25  | 1/12 - 4/26 |
| MGT 153W-WN105   | INTRO TO BUSINESS   | Regular     | LCLB      | DLTA     | MW   | 8:30A - 9:55A   | E114 | 3            | 25  | 23  | 1/9 - 4/25  |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> . |                     |             |           |          |      |                 |      |              |     |     |             |
| MGT 153W-WN110   | INTRO TO BUSINESS   | Regular     | LCLB      | DLTA     | R    | 8:00A - 10:55A  | S263 | 3            | 25  | 25  | 1/12 - 4/26 |
| MGT 153W-WN115   | INTRO TO BUSINESS   | Regular     | LCLB      | DCPL     | T    | 9:00A - 10:25A  | 217  | 3            | 25  | 23  | 1/10 - 4/26 |
|  |                     | Regular     | LN2       | DCPL     | R    | 9:00A - 10:25A  | 117  | 3            |     |     | 1/10 - 4/26 |
| MGT 153W-WN120   | INTRO TO BUSINESS   | Regular     | LCLB      | RICK     | F    | 9:00A - 11:55A  | 111  | 3            | 25  | 27  | 1/13 - 4/27 |
| MGT 153W-WN125   | INTRO TO BUSINESS   | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:25A | E114 | 3            | 25  | 25  | 1/9 - 4/25  |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> . |                     |             |           |          |      |                 |      |              |     |     |             |
| MGT 153W-WN130   | INTRO TO BUSINESS   | Regular     | LCLB      | DLTA     | R    | 11:00A - 1:55P  | N210 | 3            | 25  | 27  | 1/10 - 4/24 |
| MGT 153W-WN135   | INTRO TO BUSINESS   | Regular     | LCLB      | DLTA     | R    | 11:00A - 1:55P  | S058 | 3            | 25  | 24  | 1/12 - 4/26 |
| MGT 153W-WN140   | INTRO TO BUSINESS   | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:25P  | E114 | 3            | 25  | 23  | 1/9 - 4/25  |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> . |                     |             |           |          |      |                 |      |              |     |     |             |
| MGT 153W-WN145   | INTRO TO BUSINESS   | Regular     | LCLB      | DLTA     | R    | 2:00P - 3:25P   | A125 | 3            | 25  | 23  | 1/10 - 4/26 |
|  |                     | Regular     | LN2       | DLTA     | T    | 2:00P - 3:25P   | M104 | 3            |     |     | 1/10 - 4/26 |
| MGT 153W-WN150   | INTRO TO BUSINESS   | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | J139 | 3            | 25  | 25  | 1/9 - 4/23  |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> . |                     |             |           |          |      |                 |      |              |     |     |             |
| MGT 153W-WN155   | INTRO TO BUSINESS   | Regular     | LCLB      | DLTA     | T    | 3:00P - 5:55P   | S263 | 3            | 25  | 24  | 1/10 - 4/24 |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> . |                     |             |           |          |      |                 |      |              |     |     |             |
| MGT 153W-WN310   | INTRO TO BUSINESS   | Regular     | LCLB      | DCPL     | T    | 6:30P - 9:25P   | 213  | 3            | 25  | 24  | 1/10 - 4/24 |
| MGT 153W-WN320   | INTRO TO BUSINESS   | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | S056 | 3            | 25  | 24  | 1/11 - 4/25 |
| MGT 153W-WN330   | INTRO TO BUSINESS   | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P   | S263 | 3            | 25  | 23  | 1/9 - 4/23  |
| MGT 153W-WN340   | INTRO TO BUSINESS   | Regular     | LCLB      | DCMC     | M    | 6:30P - 9:25P   | 103  | 3            | 25  | 22  | 1/9 - 4/23  |
| MGT 153W-WN350   | INTRO TO BUSINESS   | Regular     | LCLB      | DLTA     | T    | 7:00P - 9:55P   | S056 | 3            | 25  | 24  | 1/10 - 4/24 |
| MGT 157-WN110  | PRIN MERCHANDISING  | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | S260 | 3            | 25  | 24  | 1/9 - 4/23  |
| MGT 243-WN110  | PRIN OF MARKETING   | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | N206 | 3            | 25  | 26  | 1/10 - 4/24 |
| MGT 243-WN120  | PRIN OF MARKETING   | Regular     | LCLB      | DLTA     | R    | 11:00A - 1:55P  | S054 | 3            | 25  | 25  | 1/12 - 4/26 |
| MGT 243-WN130  | PRIN OF MARKETING   | Regular     | LCLB      | DLTA     | T    | 3:00P - 5:55P   | F240 | 3            | 25  | 23  | 1/10 - 4/24 |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> . |                     |             |           |          |      |                 |      |              |     |     |             |
| MGT 243-WN140  | PRIN OF MARKETING   | Regular     | LCLB      | DLTA     | R    | 3:00P - 5:55P   | J140 | 3            | 25  | 24  | 1/12 - 4/26 |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> . |                     |             |           |          |      |                 |      |              |     |     |             |
| MGT 243-WN310  | PRIN OF MARKETING   | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | A205 | 3            | 25  | 24  | 1/11 - 4/25 |
| MGT 245-WN110  | PRIN OF MANAGEMENT  | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:25P | J133 | 3            | 25  | 26  | 1/12 - 4/26 |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> . |                     |             |           |          |      |                 |      |              |     |     |             |
| MGT 245-WN120  | PRIN OF MANAGEMENT  | Regular     | LCLB      | DLTA     | R    | 8:00A - 10:55A  | S253 | 3            | 25  | 24  | 1/10 - 4/24 |
| MGT 245-WN130  | PRIN OF MANAGEMENT  | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:25P  | N210 | 3            | 25  | 25  | 1/9 - 4/25  |
| MGT 245-WN140  | PRIN OF MANAGEMENT  | Regular     | LCLB      | DLTA     | R    | 3:00P - 5:55P   | J139 | 3            | 25  | 26  | 1/12 - 4/26 |
| MGT 245-WN310  | PRIN OF MANAGEMENT  | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P   | S260 | 3            | 25  | 22  | 1/9 - 4/23  |
| MGT 245-WN320  | PRIN OF MANAGEMENT  | Regular     | LCLB      | DCPL     | W    | 6:00P - 8:55P   | 217  | 3            | 25  | 27  | 1/11 - 4/25 |
| MGT 247-WN110  | PRIN OF RETAILING   | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:25P  | M104 | 3            | 25  | 25  | 1/9 - 4/25  |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name  | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|---|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| MGT 251W-WN110  | BUSINESS LAW I      | Regular     | LCLB      | DLTA     | MW   | 10:30A - 11:55A | M151 | 3            | 25  | 23  | 1/9 - 4/25  |
| MGT 251W-WN120  | BUSINESS LAW I      | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:25P  | M151 | 3            | 25  | 25  | 1/9 - 4/25  |
| MGT 251W-WN130  | BUSINESS LAW I      | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:25P | J137 | 3            | 25  | 27  | 1/10 - 4/26 |
| MGT 251W-WN310  | BUSINESS LAW I      | Regular     | LCLB      | DCPL     | T    | 6:30P - 9:25P   | 217  | 3            | 25  | 25  | 1/10 - 4/24 |
| MGT 251W-WN320  | BUSINESS LAW I      | Regular     | LCLB      | DCMC     | M    | 6:30P - 9:25P   | 106  | 3            | 25  | 23  | 1/9 - 4/23  |
| MGT 251W-WN330  | BUSINESS LAW I      | Regular     | LCLB      | DLTA     | W    | 7:00P - 9:55P   | S040 | 3            | 25  | 24  | 1/11 - 4/25 |
| MGT 252-WN310   | BUSINESS LAW II     | Regular     | LCLB      | DCMC     | W    | 6:00P - 8:55P   | 154  | 3            | 25  | 15  | 1/11 - 4/25 |
| MGT 252-WN320   | BUSINESS LAW II     | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | S054 | 3            | 25  | 26  | 1/10 - 4/24 |
| MGT 254-WN310   | APPLIED MARKETING   | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | D136 | 3            | 20  | 18  | 1/11 - 4/25 |
| Note: Involves out-of-class field trips and project work.                                   |                     |             |           |          |      |                 |      |              |     |     |             |
| MGT 256-WN110   | HUM RESOURCE MNG I  | Regular     | LCLB      | DLTA     | T    | 3:00P - 5:55P   | J141 | 3            | 25  | 24  | 1/10 - 4/24 |
| MGT 256-WN310   | HUM RESOURCE MNG I  | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P   | J141 | 3            | 25  | 25  | 1/12 - 4/26 |
| MGT 265-WN110   | INTERNATIONAL BUS   | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | F015 | 3            | 25  | 25  | 1/10 - 4/24 |
| MGT 265-WN310   | INTERNATIONAL BUS   | Regular     | LCLB      | DLTA     | T    | 7:00P - 9:55P   | A205 | 3            | 25  | 19  | 1/10 - 4/24 |
| MT 151-WN510  | POWER TRANSMISSION  | Regular     | LCLB      | DLTA     | M    | 5:00P - 6:25P   | L106 | 3            | 10  | 10  | 1/9 - 4/23  |
|   |                     | Regular     | LN2       | DLTA     | M    | 6:30P - 7:55P   | L113 | 3            |     |     | 1/9 - 4/23  |
| OSHA approved safety glasses are required for this course                                   |                     |             |           |          |      |                 |      |              |     |     |             |
| MT 220-WN520  | HYDRAULC/PNEUMATC I | Regular     | LCLB      | DLTA     | M    | 1:00P - 2:55P   | L112 | 3            | 11  | 11  | 1/9 - 4/23  |
|   |                     | Regular     | LN2       | DLTA     | M    | 3:00P - 4:55P   | L126 | 3            |     |     | 1/9 - 4/23  |
| OSHA approved safety glasses are required for this course                                   |                     |             |           |          |      |                 |      |              |     |     |             |
| MT 220-WN530  | HYDRAULC/PNEUMATC I | Regular     | LCLB      | DLTA     | W    | 5:00P - 6:55P   | L112 | 3            | 4   | 4   | 1/11 - 4/25 |
|   |                     | Regular     | LN2       | DLTA     | W    | 7:00P - 8:55P   | L126 | 3            |     |     | 1/11 - 4/25 |
| OSHA approved safety glasses are required for this course                                   |                     |             |           |          |      |                 |      |              |     |     |             |
| MTH 097-WN101   | ALGEBRA I           | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:25A   | A208 | 3            | 25  | 25  | 1/9 - 4/25  |
| MTH 097-WN102   | ALGEBRA I           | Regular     | LCLB      | DLTA     | TR   | 8:00A - 9:25A   | A203 | 3            | 25  | 24  | 1/10 - 4/26 |
| MTH 097-WN110   | ALGEBRA I           | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | F005 | 3            | 25  | 25  | 1/10 - 4/26 |
| MTH 097-WN114   | ALGEBRA I           | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | J138 | 3            | 25  | 24  | 1/10 - 4/26 |
| MTH 097-WN116   | ALGEBRA I           | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | J137 | 3            | 25  | 23  | 1/10 - 4/26 |
| Note: No calculator allowed.  |                     |             |           |          |      |                 |      |              |     |     |             |
| MTH 097-WN118   | ALGEBRA I           | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:25A | A213 | 3            | 25  | 26  | 1/9 - 4/25  |
| MTH 097-WN120   | ALGEBRA I           | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:25A | N210 | 3            | 25  | 23  | 1/9 - 4/25  |
| MTH 097-WN122   | ALGEBRA I           | Regular     | LCLB      | DCMC     | MW   | 11:00A - 12:25P | 104  | 3            | 25  | 25  | 1/9 - 4/25  |
| MTH 097-WN124   | ALGEBRA I           | Regular     | LCLB      | RICK     | TR   | 9:30A - 10:55A  | 112  | 3            | 25  | 24  | 1/10 - 4/26 |
| MTH 097-WN126   | ALGEBRA I           | Regular     | LCLB      | DLTA     | TR   | 12:30P - 1:55P  | A206 | 3            | 25  | 25  | 1/10 - 4/26 |
| Note: Computer aided homework section. Out of class testing in the Academic Testing Center. |                     |             |           |          |      |                 |      |              |     |     |             |
| MTH 097-WN130   | ALGEBRA I           | Regular     | LCLB      | DLTA     | MW   | 12:30P - 1:55P  | A213 | 3            | 25  | 27  | 1/9 - 4/25  |
| MTH 097-WN131   | ALGEBRA I           | Regular     | LCLB      | DLTA     | MW   | 12:30P - 1:55P  | A205 | 3            | 25  | 26  | 1/9 - 4/25  |
| MTH 097-WN132   | ALGEBRA I           | Regular     | LCLB      | DLTA     | TR   | 12:30P - 1:55P  | A208 | 3            | 25  | 27  | 1/10 - 4/26 |
| Note: Computer Aided Homework Section   |                     |             |           |          |      |                 |      |              |     |     |             |
| MTH 097-WN134   | ALGEBRA I           | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:25P   | A208 | 3            | 25  | 21  | 1/10 - 4/26 |
| Note: No calculator allowed.  |                     |             |           |          |      |                 |      |              |     |     |             |
| MTH 097-WN138   | ALGEBRA I           | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:25P   | J132 | 3            | 25  | 21  | 1/10 - 4/26 |
| MTH 097-WN145   | ALGEBRA I           | Regular     | LCLB      | DLTA     | TR   | 4:00P - 5:25P   | A205 | 3            | 25  | 26  | 1/10 - 4/26 |
| Note: May use out of class testing in the Academic Testing Center.                          |                     |             |           |          |      |                 |      |              |     |     |             |
| MTH 097-WN210   | ALGEBRA I           | Regular     | LCLB      | DLTA     | MW   | 3:30P - 4:55P   | A208 | 3            | 25  | 25  | 1/9 - 4/25  |
| MTH 097-WN215   | ALGEBRA I           | Regular     | LCLB      | DLTA     | MW   | 5:00P - 6:25P   | A204 | 3            | 25  | 22  | 1/9 - 4/25  |
| Note: Computer aided homework section. Out of class testing in the Academic Testing Center. |                     |             |           |          |      |                 |      |              |     |     |             |
| MTH 097-WN230   | ALGEBRA I           | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P   | J138 | 3            | 25  | 27  | 1/11 - 4/25 |
| MTH 097-WN240   | ALGEBRA I           | Regular     | LCLB      | DLTA     | TR   | 4:30P - 5:55P   | A208 | 3            | 25  | 21  | 1/10 - 4/26 |
| MTH 097-WN320   | ALGEBRA I           | Regular     | LCLB      | DLTA     | TR   | 7:00P - 8:25P   | A204 | 3            | 25  | 25  | 1/10 - 4/26 |
| MTH 097-WN410   | ALGEBRA I           | Regular     | LCLB      | DLTA     | S    | 9:00A - 11:55A  | A204 | 3            | 25  | 26  | 1/7 - 4/21  |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name  | Title                  | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|---|------------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| MTH 097-WN505   | ALGEBRA I              | Regular     | LCLB      | RICK     | T    | 6:00P - 8:55P   | 148  | 3            | 10  | 9   | 1/10 - 4/24 |
| MTH 097-WN510   | ALGEBRA I              | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | M104 | 3            | 10  | 13  | 1/10 - 4/24 |
| MTH 115W-WN110  | MTH FOR ELEM TCH I     | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | J135 | 3            | 28  | 22  | 1/10 - 4/26 |
| Note: May use out of class testing in Academic Testing Center. There is an off-campus service-learning component in this section. |                        |             |           |          |      |                 |      |              |     |     |             |
| MTH 116W-WN110  | MTH FOR ELEM TCH II    | Regular     | LCLB      | DLTA     | TR   | 12:30P - 1:55P  | J132 | 3            | 28  | 13  | 1/10 - 4/26 |
| Note: Graphing calculator required. TI-83/84 family calculator recommended.   |                        |             |           |          |      |                 |      |              |     |     |             |
| MTH 120-WN110   | FINITE MATHEMATICS     | Regular     | LCLB      | DLTA     | TR   | 12:30P - 1:55P  | J138 | 3            | 28  | 26  | 1/10 - 4/26 |
| Note: Out of class testing in Academic Testing Center.  |                        |             |           |          |      |                 |      |              |     |     |             |
| MTH 120-WN115   | FINITE MATHEMATICS     | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | A203 | 3            | 28  | 28  | 1/10 - 4/26 |
| MTH 120-WN210   | FINITE MATHEMATICS     | Regular     | LCLB      | DLTA     | MW   | 5:00P - 6:25P   | A208 | 3            | 28  | 28  | 1/9 - 4/25  |
| Note: A graphing calculator is required. A TI-83/84 family calculator is recommended.   |                        |             |           |          |      |                 |      |              |     |     |             |
| MTH 121-WN110   | PLANE TRIGONOMETRY     | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:25A   | A206 | 3            | 28  | 27  | 1/9 - 4/25  |
| Note: Computer aided homework section.  |                        |             |           |          |      |                 |      |              |     |     |             |
| MTH 121-WN115   | PLANE TRIGONOMETRY     | Regular     | LCLB      | OTHR     | MW   | 9:00A - 10:40A  | HATC | 3            | 25  | 20  | 1/9 - 4/25  |
| MTH 121-WN120   | PLANE TRIGONOMETRY     | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | J134 | 3            | 28  | 28  | 1/10 - 4/26 |
| MTH 121-WN130   | PLANE TRIGONOMETRY     | Regular     | LCLB      | DLTA     | MW   | 12:30P - 1:55P  | A209 | 3            | 28  | 31  | 1/9 - 4/25  |
| Note: Computer aided homework section.  |                        |             |           |          |      |                 |      |              |     |     |             |
| MTH 121-WN135   | PLANE TRIGONOMETRY     | Regular     | LCLB      | OTHR     | MW   | 12:15P - 1:55P  | TUSC | 3            | 28  | 17  | 1/9 - 4/25  |
| MTH 121-WN140   | PLANE TRIGONOMETRY     | Regular     | LCLB      | DLTA     | TR   | 12:30P - 1:55P  | J137 | 3            | 28  | 28  | 1/10 - 4/26 |
| MTH 121-WN210   | PLANE TRIGONOMETRY     | Regular     | LCLB      | DLTA     | TR   | 4:30P - 5:55P   | A213 | 3            | 28  | 27  | 1/10 - 4/26 |
| Note: Computer aided homework section. May be out of class testing in Academic Testing Center.                                    |                        |             |           |          |      |                 |      |              |     |     |             |
| MTH 121-WN310   | PLANE TRIGONOMETRY     | Regular     | LCLB      | DLTA     | MW   | 5:00P - 6:25P   | A213 | 3            | 28  | 19  | 1/9 - 4/25  |
| Note: May be out of class testing in the Academic Testing Center.   |                        |             |           |          |      |                 |      |              |     |     |             |
| Note: A TI-83 or TI-84 graphing calculator is required.   |                        |             |           |          |      |                 |      |              |     |     |             |
| MTH 208W-WN110  | ELEM STATISTICS        | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:25A   | A205 | 3            | 28  | 23  | 1/9 - 4/25  |
| Note: Computer aided homework section. Out of class testing in Academic Testing Center.   |                        |             |           |          |      |                 |      |              |     |     |             |
| MTH 208W-WN114  | ELEM STATISTICS        | Regular     | LCLB      | OTHR     | TR   | 9:00A - 10:40A  | HATC | 3            | 28  | 13  | 1/10 - 4/26 |
| MTH 208W-WN117  | ELEM STATISTICS        | Regular     | LCLB      | OTHR     | TR   | 11:30A - 1:10P  | HATC | 3            | 28  | 20  | 1/10 - 4/26 |
| MTH 208W-WN120  | ELEM STATISTICS        | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | J140 | 3            | 28  | 35  | 1/10 - 4/26 |
| MTH 208W-WN130  | ELEM STATISTICS        | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:25A | A207 | 3            | 28  | 31  | 1/9 - 4/25  |
| Note: Out of class testing in Academic Testing Center.  |                        |             |           |          |      |                 |      |              |     |     |             |
| MTH 208W-WN140  | ELEM STATISTICS        | Regular     | LCLB      | DLTA     | TR   | 12:30P - 1:55P  | J133 | 3            | 28  | 28  | 1/10 - 4/26 |
| MTH 208W-WN150  | ELEM STATISTICS        | Regular     | LCLB      | DLTA     | MW   | 12:30P - 1:55P  | J132 | 3            | 28  | 29  | 1/9 - 4/25  |
| Note: Computer aided homework section. Out of class testing in Delta's Academic Testing Center.                                   |                        |             |           |          |      |                 |      |              |     |     |             |
| MTH 208W-WN210  | ELEM STATISTICS        | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | A213 | 3            | 28  | 29  | 1/10 - 4/24 |
| Note: Out of class testing in Academic Testing Center. Computer aided homework section.   |                        |             |           |          |      |                 |      |              |     |     |             |
| MTH 208W-WN310  | ELEM STATISTICS        | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | J137 | 3            | 28  | 29  | 1/11 - 4/25 |
| Note: Computer Aided Homework Section.  |                        |             |           |          |      |                 |      |              |     |     |             |
| MTH 208W-WN320  | ELEM STATISTICS        | Regular     | LCLB      | DCMC     | M    | 6:00P - 8:55P   | 203  | 3            | 28  | 22  | 1/9 - 4/23  |
| Note: Out of class testing in the Academic Testing Center. Computer aided section.  |                        |             |           |          |      |                 |      |              |     |     |             |
| Note: A graphing calculator is required.  |                        |             |           |          |      |                 |      |              |     |     |             |
| MTH 263-WN310   | LINEAR ALGEBRA         | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P   | F240 | 3            | 25  | 27  | 1/9 - 4/23  |
| Note: For technology requirements, please see instructor on first day of class.   |                        |             |           |          |      |                 |      |              |     |     |             |
| MTH 264-WN310   | DIFFERENTIAL EQUATIONS | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | A211 | 3            | 25  | 17  | 1/11 - 4/25 |
| MUS 100-WN110   | ELEMENTS OF MUSIC      | Regular     | LCLB      | DLTA     | R    | 9:00A - 11:55A  | S130 | 3            | 16  | 16  | 1/12 - 4/26 |
| MUS 100-WN120   | ELEMENTS OF MUSIC      | Regular     | LCLB      | DLTA     | W    | 2:00P - 4:55P   | S130 | 3            | 16  | 16  | 1/11 - 4/25 |
| MUS 100-WN130   | ELEMENTS OF MUSIC      | Regular     | LCLB      | DLTA     | R    | 2:00P - 4:55P   | S130 | 3            | 16  | 15  | 1/12 - 4/26 |
| MUS 100-WN310   | ELEMENTS OF MUSIC      | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | S130 | 3            | 16  | 12  | 1/10 - 4/24 |
| MUS 100-WN320   | ELEMENTS OF MUSIC      | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P   | S130 | 3            | 16  | 15  | 1/9 - 4/23  |
| MUS 111-WN110   | MUS APPRECIATION I     | Regular     | LCLB      | DLTA     | M    | 9:00A - 11:55A  | S131 | 3            | 25  | 23  | 1/9 - 4/23  |
| MUS 111-WN120   | MUS APPRECIATION I     | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A  | S131 | 3            | 25  | 19  | 1/11 - 4/25 |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name                                   | Title                 | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|--|-----------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| MUS 111-WN310                                  | MUS APPRECIATION I    | Regular     | LCLB      | DCMC     | M    | 6:00P - 8:55P   | 156  | 3            | 25  | 12  | 1/9 - 4/23  |
| MUS 118-WN110                                  | JAZZ HISTORY          | Regular     | LCLB      | DLTA     | W    | 2:00P - 4:55P   | S125 | 3            | 25  | 25  | 1/11 - 4/25 |
| MUS 119W-WN310                                 | HIST OF ROCK & ROLL   | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P   | S125 | 3            | 25  | 25  | 1/9 - 4/23  |
| MUS 119W-WN320                                 | HIST OF ROCK & ROLL   | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | S125 | 3            | 25  | 28  | 1/11 - 4/25 |
| MUS 120W-WN110                                 | WORLD MUSIC: SURVEY   | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | S125 | 3            | 25  | 21  | 1/9 - 4/23  |
| OAT 150-WN110                                  | BUSINESS ENGLISH      | Regular     | LCLB      | DLTA     | T    | 2:00P - 4:55P   | P110 | 3            | 18  | 18  | 1/10 - 4/24 |
| OAT 151-WN110                                  | BUSINESS COMMCTN I    | Regular     | LCLB      | DLTA     | M    | 9:00A - 11:55A  | K109 | 3            | 18  | 15  | 1/9 - 4/23  |
| OAT 151-WN120                                  | BUSINESS COMMCTN I    | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | K104 | 3            | 18  | 20  | 1/9 - 4/23  |
| OAT 151-WN130                                  | BUSINESS COMMCTN I    | Regular     | LCLB      | DLTA     | T    | 2:00P - 4:55P   | A125 | 3            | 18  | 17  | 1/10 - 4/24 |
| OAT 151-WN210                                  | BUSINESS COMMCTN I    | Regular     | LCLB      | DLTA     | T    | 2:00P - 4:55P   | G164 | 3            | 18  | 16  | 1/10 - 4/24 |
| OAT 151-WN310                                  | BUSINESS COMMCTN I    | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | F003 | 3            | 18  | 17  | 1/11 - 4/25 |
| OAT 151-WN320                                  | BUSINESS COMMCTN I    | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P   | K104 | 3            | 18  | 18  | 1/12 - 4/26 |
| OAT 151-WN330                                  | BUSINESS COMMCTN I    | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | K114 | 3            | 18  | 15  | 1/10 - 4/24 |
| OAT 152-WN110                                  | BUSINESS COMMCTN II   | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | K107 | 3            | 18  | 17  | 1/9 - 4/23  |
| OAT 152-WN130                                  | BUSINESS COMMCTN II   | Regular     | LCLB      | DLTA     | T    | 2:00P - 4:55P   | K104 | 3            | 18  | 17  | 1/10 - 4/24 |
| OAT 152-WN310                                  | BUSINESS COMMCTN II   | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P   | K109 | 3            | 18  | 18  | 1/12 - 4/26 |
| <u>Note: Required software is Word 2010.</u>   |                       |             |           |          |      |                 |      |              |     |     |             |
| OAT 171-WN110                                  | DOC PROCESSING:BEG    | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | K104 | 3            | 18  | 14  | 1/10 - 4/24 |
| OAT 171-WN120                                  | DOC PROCESSING:BEG    | Regular     | LCLB      | DLTA     | R    | 11:00A - 1:55P  | K104 | 3            | 18  | 17  | 1/12 - 4/26 |
| OAT 171-WN130                                  | DOC PROCESSING:BEG    | Regular     | LCLB      | DLTA     | M    | 12:00P - 2:55P  | K109 | 3            | 18  | 11  | 1/9 - 4/23  |
| OAT 171-WN140                                  | DOC PROCESSING:BEG    | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A  | K109 | 3            | 18  | 6   | 1/11 - 4/25 |
| OAT 171-WN310                                  | DOC PROCESSING:BEG    | Regular     | LCLB      | DLTA     | M    | 7:00P - 9:55P   | K109 | 3            | 18  | 9   | 1/9 - 4/23  |
| <u>Note: Required software is Word 2010.</u>   |                       |             |           |          |      |                 |      |              |     |     |             |
| OAT 172-WN110                                  | DOC PROCESSING:INT    | Regular     | LCLB      | DLTA     | T    | 2:00P - 4:55P   | K109 | 3            | 18  | 17  | 1/10 - 4/24 |
| OAT 172-WN310                                  | DOC PROCESSING:INT    | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P   | K104 | 3            | 18  | 20  | 1/9 - 4/23  |
| OAT 243-WN110                                  | DIAGNOSTIC CODING     | Regular     | LCLB      | DLTA     | T    | 2:00P - 4:55P   | N202 | 3            | 18  | 18  | 1/10 - 4/24 |
| OAT 244-WN110                                  | PROCEDURE CODING      | Regular     | LCLB      | DLTA     | M    | 12:00P - 2:55P  | S220 | 3            | 18  | 15  | 1/9 - 4/23  |
| OAT 244-WN310                                  | PROCEDURE CODING      | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P   | S038 | 3            | 18  | 16  | 1/12 - 4/26 |
| OAT 254-WN110                                  | MED INSURANCE I       | Regular     | LCLB      | DLTA     | R    | 2:00P - 4:55P   | S058 | 3            | 20  | 18  | 1/12 - 4/26 |
| OAT 254-WN210                                  | MED INSURANCE I       | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P   | S059 | 3            | 20  | 10  | 1/11 - 4/25 |
| OAT 255-WN310                                  | MED INSURANCE II      | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | C111 | 3            | 18  | 19  | 1/11 - 4/25 |
| OAT 260-WN310                                  | MED TRANSCRIPT BEG    | Regular     | LCLB      | DLTA     | T    | 7:00P - 9:55P   | K109 | 3            | 18  | 11  | 1/10 - 4/24 |
| <u>Note: Required software is Office 2010.</u> |                       |             |           |          |      |                 |      |              |     |     |             |
| OAT 268-WN310                                  | ADMIN OFFICE PRACTICE | Regular     | LCLB      | DLTA     | T    | 7:00P - 9:55P   | K104 | 3            | 18  | 12  | 1/10 - 4/24 |
| <u>Note: Winter-only class.</u>                |                       |             |           |          |      |                 |      |              |     |     |             |
| <u>Note: Required software is Word 2010.</u>   |                       |             |           |          |      |                 |      |              |     |     |             |
| OAT 273-WN310                                  | DOC PROCESSING:ADV    | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | K109 | 3            | 18  | 11  | 1/11 - 4/25 |
| PHL 203W-WN110                                 | BUSINESS ETHICS       | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:25P | S260 | 3            | 25  | 25  | 1/10 - 4/26 |
| PHL 203W-WN120                                 | BUSINESS ETHICS       | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:25P   | S258 | 3            | 25  | 24  | 1/10 - 4/26 |
| PHL 203W-WN130                                 | BUSINESS ETHICS       | Regular     | LCLB      | DLTA     | M    | 9:00A - 11:55A  | S260 | 3            | 25  | 23  | 1/9 - 4/23  |
| PHL 203W-WN140                                 | BUSINESS ETHICS       | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | S221 | 3            | 25  | 24  | 1/9 - 4/23  |
| PHL 203W-WN150                                 | BUSINESS ETHICS       | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | S260 | 3            | 25  | 21  | 1/10 - 4/26 |
| PHL 205W-WN110                                 | MEDIA ETHICS & LAW    | Regular     | LCLB      | DLTA     | R    | 2:00P - 4:55P   | S228 | 3            | 25  | 23  | 1/12 - 4/26 |
| PHL 211-WN120                                  | INTRO TO PHILOSOPHY   | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:25A | S258 | 3            | 25  | 24  | 1/9 - 4/25  |
| PHL 211H-WN110                                 | HNRS INTRO TO PHIL    | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:25P  | S258 | 3            | 25  | 25  | 1/9 - 4/25  |
| PHL 213W-WN625                                 | INTRODUCTN TO ETHIC   | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A  | S260 | 3            | 25  | 25  | 1/11 - 4/25 |

Humanities Learning Center Course. You must register for atleast one other HLC course (620 serier of sections) ART 115,COM112, ENG 112, HIS 222, or POL 103.

Contact Laura Dull(mailto: Lddull2@delta.edu) for more information.

|                |                    |         |      |      |   |                |      |   |    |    |             |
|----------------|--------------------|---------|------|------|---|----------------|------|---|----|----|-------------|
| PHL 215W-WN140 | HEALTH CARE ETHICS | Regular | LCLB | DLTA | T | 11:00A - 1:55P | S228 | 3 | 25 | 25 | 1/10 - 4/24 |
|----------------|--------------------|---------|------|------|---|----------------|------|---|----|----|-------------|



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name   | Title                | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|--|----------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| PHL 215W-WN150   | HEALTH CARE ETHICS   | Regular     | LCLB      | DLTA     | T    | 2:00P - 4:55P   | S228 | 3            | 25  | 25  | 1/10 - 4/24 |
| PHL 215W-WN160   | HEALTH CARE ETHICS   | Regular     | LCLB      | DCMC     | M    | 2:00P - 4:55P   | 153  | 3            | 25  | 23  | 1/9 - 4/23  |
| PHL 215W-WN170   | HEALTH CARE ETHICS   | Regular     | LCLB      | DLTA     | W    | 2:00P - 4:55P   | S226 | 3            | 25  | 31  | 1/11 - 4/25 |
| PHL 215W-WN310   | HEALTH CARE ETHICS   | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | S221 | 3            | 25  | 26  | 1/10 - 4/24 |
| <u>Note: Some films will be rated R.</u>   |                      |             |           |          |      |                 |      |              |     |     |             |
| PHL 225W-WN110   | PHILOSOPHY AND FILM  | Regular     | LCLB      | DLTA     | F    | 10:00A - 12:55P | S059 | 3            | 25  | 23  | 1/13 - 4/27 |
| <u>Note: Requires out-of-class testing in the Academic Testing Center (library).</u> |                      |             |           |          |      |                 |      |              |     |     |             |
| PHM 285-WN310  | PHARM FOR HLTH CARE  | Regular     | LCLB      | DLTA     | R    | 4:00P - 7:00P   | F250 | 3            | 25  | 25  | 1/12 - 4/26 |
| PHM 285-WN320  | PHARM FOR HLTH CARE  | Regular     | LCLB      | DLTA     | R    | 9:00A - 12:00P  | F255 | 3            | 25  | 27  | 1/12 - 4/26 |
| <u>Note: LAB COURSE: Must also register for theory course.</u>                       |                      |             |           |          |      |                 |      |              |     |     |             |
| PNE 122LW-WN110  | CARE OF ADULT I L    | Regular     | LCLB      | OTHR     | RF   | 6:30A - 4:30P   | COVC | 3            | 10  | 10  | 1/7 - 4/27  |
| PNE 122LW-WN120  | CARE OF ADULT I L    | Regular     | LCLB      | OTHR     | RF   | 6:30A - 4:30P   | COVC | 3            | 10  | 10  | 1/7 - 4/27  |
| PNE 122LW-WN130  | CARE OF ADULT I L    | Regular     | LCLB      | OTHR     | RF   | 6:30A - 4:30P   | BMED | 3            | 10  | 10  | 1/7 - 4/27  |
| PNE 122LW-WN140  | CARE OF ADULT I L    | Regular     | LCLB      | OTHR     | RF   | 1:00P - 11:30P  | COVH | 3            | 10  | 10  | 1/7 - 4/27  |
| <u>Note: Same as POL 104HW except without civic engagement project.</u>              |                      |             |           |          |      |                 |      |              |     |     |             |
| POL 103HW-WN110  | HNRS AMER GOVERNMENT | Regular     | LCLB      | DLTA     | MW   | 8:30A - 9:55A   | J140 | 3            | 22  | 21  | 1/9 - 4/25  |
| <u>Note: Same as POL 104W except without civic engagement project.</u>               |                      |             |           |          |      |                 |      |              |     |     |             |
| POL 103W-WN105   | AMERICAN GOVERNMENT  | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:25A | J139 | 3            | 25  | 24  | 1/9 - 4/25  |
| POL 103W-WN110   | AMERICAN GOVERNMENT  | Regular     | LCLB      | RICK     | TR   | 8:00A - 9:25A   | 112  | 3            | 25  | 24  | 1/10 - 4/26 |
| POL 103W-WN113   | AMERICAN GOVERNMENT  | Regular     | LCLB      | DLTA     | T    | 8:00A - 10:55A  | J141 | 3            | 25  | 25  | 1/10 - 4/24 |
| POL 103W-WN115   | AMERICAN GOVERNMENT  | Regular     | LCLB      | DCPL     | TR   | 10:30A - 11:55A | 213  | 3            | 25  | 27  | 1/10 - 4/26 |
| POL 103W-WN118   | AMERICAN GOVERNMENT  | Regular     | LCLB      | DLTA     | W    | 8:00A - 10:55A  | C121 | 3            | 25  | 25  | 1/11 - 4/25 |
| POL 103W-WN120   | AMERICAN GOVERNMENT  | Regular     | LCLB      | DLTA     | F    | 9:00A - 11:55A  | J132 | 3            | 25  | 24  | 1/13 - 4/27 |
| POL 103W-WN125   | AMERICAN GOVERNMENT  | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | M105 | 3            | 25  | 27  | 1/10 - 4/26 |
| POL 103W-WN130   | AMERICAN GOVERNMENT  | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:25A | J140 | 3            | 25  | 29  | 1/9 - 4/25  |
| POL 103W-WN132   | AMERICAN GOVERNMENT  | Regular     | LCLB      | DLTA     | MW   | 10:30A - 11:55A | J141 | 3            | 25  | 25  | 1/9 - 4/25  |
| POL 103W-WN135   | AMERICAN GOVERNMENT  | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:25A | J138 | 3            | 25  | 23  | 1/9 - 4/25  |
| POL 103W-WN140   | AMERICAN GOVERNMENT  | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:25A | J137 | 3            | 25  | 25  | 1/9 - 4/25  |
| <u>Note: Out-of-class testing.</u>   |                      |             |           |          |      |                 |      |              |     |     |             |
| POL 103W-WN145   | AMERICAN GOVERNMENT  | Regular     | LCLB      | DLTA     | R    | 8:00A - 10:55A  | J141 | 3            | 25  | 23  | 1/12 - 4/26 |
| POL 103W-WN150   | AMERICAN GOVERNMENT  | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | N210 | 3            | 25  | 25  | 1/10 - 4/24 |
| POL 103W-WN155   | AMERICAN GOVERNMENT  | Regular     | LCLB      | DLTA     | R    | 11:00A - 1:55P  | M163 | 3            | 25  | 24  | 1/12 - 4/26 |
| POL 103W-WN165   | AMERICAN GOVERNMENT  | Regular     | LCLB      | DLTA     | MW   | 12:30P - 1:55P  | J138 | 3            | 25  | 22  | 1/9 - 4/25  |
| POL 103W-WN170   | AMERICAN GOVERNMENT  | Regular     | LCLB      | DLTA     | MW   | 10:30A - 11:55A | J135 | 3            | 25  | 29  | 1/9 - 4/25  |
| POL 103W-WN175   | AMERICAN GOVERNMENT  | Regular     | LCLB      | DLTA     | TR   | 12:30P - 1:55P  | J139 | 3            | 25  | 27  | 1/10 - 4/26 |
| POL 103W-WN176   | AMERICAN GOVERNMENT  | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:25P   | J136 | 3            | 25  | 27  | 1/10 - 4/26 |
| POL 103W-WN177   | AMERICAN GOVERNMENT  | Regular     | LCLB      | RICK     | F    | 12:00P - 2:55P  | 112  | 3            | 27  | 26  | 1/13 - 4/27 |
| POL 103W-WN180   | AMERICAN GOVERNMENT  | Regular     | LCLB      | DLTA     | T    | 2:00P - 4:55P   | J139 | 3            | 25  | 25  | 1/10 - 4/24 |
| POL 103W-WN183   | AMERICAN GOVERNMENT  | Regular     | LCLB      | DLTA     | W    | 2:00P - 4:55P   | J132 | 3            | 25  | 26  | 1/11 - 4/25 |
| POL 103W-WN185   | AMERICAN GOVERNMENT  | Regular     | LCLB      | DLTA     | MR   | 2:30P - 3:55P   | J134 | 3            | 25  | 25  | 1/9 - 4/26  |
| POL 103W-WN190   | AMERICAN GOVERNMENT  | Regular     | LCLB      | DLTA     | R    | 3:00P - 5:55P   | J137 | 3            | 25  | 26  | 1/12 - 4/26 |
| POL 103W-WN192   | AMERICAN GOVERNMENT  | Regular     | LCLB      | DCMC     | R    | 3:00P - 5:55P   | 103  | 3            | 25  | 24  | 1/12 - 4/26 |
| POL 103W-WN195   | AMERICAN GOVERNMENT  | Regular     | LCLB      | DLTA     | T    | 3:00P - 5:55P   | J137 | 3            | 25  | 26  | 1/10 - 4/24 |
| POL 103W-WN250   | AMERICAN GOVERNMENT  | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P   | J132 | 3            | 25  | 25  | 1/11 - 4/25 |
| POL 103W-WN260   | AMERICAN GOVERNMENT  | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P   | J140 | 3            | 25  | 24  | 1/11 - 4/25 |
| POL 103W-WN305   | AMERICAN GOVERNMENT  | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P   | J132 | 3            | 25  | 22  | 1/9 - 4/23  |
| POL 103W-WN310   | AMERICAN GOVERNMENT  | Regular     | LCLB      | DCPL     | M    | 6:00P - 8:55P   | 213  | 3            | 25  | 25  | 1/9 - 4/23  |
| POL 103W-WN312   | AMERICAN GOVERNMENT  | Regular     | LCLB      | RICK     | T    | 6:00P - 8:55P   | 111  | 3            | 25  | 28  | 1/10 - 4/24 |
| POL 103W-WN315   | AMERICAN GOVERNMENT  | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P   | J137 | 3            | 25  | 25  | 1/12 - 4/26 |
| POL 103W-WN320   | AMERICAN GOVERNMENT  | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P   | J136 | 3            | 25  | 24  | 1/12 - 4/26 |
| POL 103W-WN325   | AMERICAN GOVERNMENT  | Regular     | LCLB      | DLTA     | R    | 6:30P - 9:25P   | J138 | 3            | 25  | 24  | 1/12 - 4/26 |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name   | Title               | Term Length | Inst Meth | Location | Days | Time           | Room | Credit Hours | Cap | Enr | Dates       |
|----------------|---------------------|-------------|-----------|----------|------|----------------|------|--------------|-----|-----|-------------|
| POL 103W-WN330 | AMERICAN GOVERNMENT | Regular     | LCLB      | DLTA     | W    | 6:30P - 9:25P  | J139 | 3            | 25  | 26  | 1/11 - 4/25 |
| POL 103W-WN335 | AMERICAN GOVERNMENT | Regular     | LCLB      | DCMC     | M    | 7:00P - 9:55P  | 154  | 3            | 25  | 24  | 1/9 - 4/23  |
| POL 103W-WN340 | AMERICAN GOVERNMENT | Regular     | LCLB      | DLTA     | T    | 7:00P - 9:55P  | J136 | 3            | 25  | 24  | 1/10 - 4/24 |
| POL 103W-WN345 | AMERICAN GOVERNMENT | Regular     | LCLB      | DLTA     | T    | 7:00P - 9:55P  | J137 | 3            | 25  | 23  | 1/10 - 4/24 |
| POL 103W-WN350 | AMERICAN GOVERNMENT | Regular     | LCLB      | DLTA     | T    | 7:00P - 9:55P  | J138 | 3            | 25  | 23  | 1/10 - 4/24 |
| POL 103W-WN355 | AMERICAN GOVERNMENT | Regular     | LCLB      | DLTA     | W    | 7:00P - 9:55P  | J133 | 3            | 25  | 25  | 1/11 - 4/25 |
| POL 103W-WN360 | AMERICAN GOVERNMENT | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P  | J139 | 3            | 25  | 25  | 1/10 - 4/24 |
| POL 103W-WN410 | AMERICAN GOVERNMENT | Regular     | LCLB      | DLTA     | S    | 9:00A - 11:55A | F003 | 3            | 25  | 27  | 1/7 - 4/21  |
| POL 103W-WN626 | AMERICAN GOVERNMENT | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:25P | J141 | 3            | 25  | 25  | 1/9 - 4/25  |

Humanities Learning Center Course. You must register for atleast one other HLC course. (620 series of sections) ART 115,COM112, ENG 112, HIS 222, or PHL 213. Contact Laura Dull(mailto: lddull2@delta.edu) for more information.

|                |                    |         |      |      |    |                |      |   |    |    |             |
|----------------|--------------------|---------|------|------|----|----------------|------|---|----|----|-------------|
| POL 212W-WN210 | STATE & LOCAL GOVT | Regular | LCLB | DLTA | M  | 5:00P - 7:55P  | J138 | 3 | 25 | 26 | 1/9 - 4/23  |
| POL 215W-WN110 | INTRO POL THOUGHT  | Regular | LCLB | DLTA | TR | 12:00P - 1:25P | F005 | 3 | 25 | 21 | 1/10 - 4/26 |

Note: Out-of-class testing.

|                |                |         |      |      |    |                |      |   |    |    |            |
|----------------|----------------|---------|------|------|----|----------------|------|---|----|----|------------|
| POL 225W-WN110 | WORLD POLITICS | Regular | LCLB | DLTA | MW | 12:00P - 1:25P | J139 | 3 | 25 | 24 | 1/9 - 4/25 |
|----------------|----------------|---------|------|------|----|----------------|------|---|----|----|------------|

Note: Out-of-class testing. Note: A <http://www.delta.edu/pages/10924.aspx> Sustainability RelatedCourse

|                |                |         |      |      |    |               |      |   |    |    |             |
|----------------|----------------|---------|------|------|----|---------------|------|---|----|----|-------------|
| POL 225W-WN120 | WORLD POLITICS | Regular | LCLB | DLTA | TR | 2:00P - 3:25P | F004 | 3 | 25 | 22 | 1/10 - 4/26 |
|----------------|----------------|---------|------|------|----|---------------|------|---|----|----|-------------|

Note: Out-of-class testing. A <http://www.delta.edu/pages/10924.aspx> Sustainability RelatedCourse

|                |                     |         |      |      |    |                 |      |   |    |    |             |
|----------------|---------------------|---------|------|------|----|-----------------|------|---|----|----|-------------|
| POL 228W-WN110 | CONSTITUTIONAL ISSU | Regular | LCLB | DLTA | M  | 2:00P - 4:55P   | J137 | 3 | 25 | 23 | 1/9 - 4/23  |
| PSY 101W-WN110 | APPLIED PSYCHOLOGY  | Regular | LCLB | DLTA | TR | 11:30A - 12:55P | S258 | 3 | 25 | 25 | 1/10 - 4/26 |
| PSY 101W-WN120 | APPLIED PSYCHOLOGY  | Regular | LCLB | DLTA | T  | 3:00P - 5:55P   | S253 | 3 | 25 | 25 | 1/10 - 4/24 |
| PSY 101W-WN320 | APPLIED PSYCHOLOGY  | Regular | LCLB | DLTA | R  | 6:00P - 8:55P   | S221 | 3 | 25 | 28 | 1/12 - 4/26 |
| PSY 101W-WN635 | APPLIED PSYCHOLOGY  | Regular | LCLB | DLTA | M  | 9:00A - 11:55A  | F003 | 3 | 18 | 16 | 1/9 - 4/23  |

Learning Community Course. Must also register for ENG 098-WN635. For more information about learning communities, visit <http://www.delta.edu/learningcommunities.aspx> Learning Communities

|                |                    |         |      |      |    |                |      |   |    |    |            |
|----------------|--------------------|---------|------|------|----|----------------|------|---|----|----|------------|
| PSY 101W-WN655 | APPLIED PSYCHOLOGY | Regular | LCLB | DLTA | MW | 12:00P - 1:55P | S125 | 3 | 40 | 37 | 1/9 - 4/25 |
|----------------|--------------------|---------|------|------|----|----------------|------|---|----|----|------------|

Learning Community Course. Must also register for LW 221W-WN655. For more information about learning communities, visit <http://www.delta.edu/learningcommunities.aspx> Learning Communities

|                |                     |         |      |      |    |                 |      |   |    |    |             |
|----------------|---------------------|---------|------|------|----|-----------------|------|---|----|----|-------------|
| PSY 223W-WN110 | CHILD PSYCHOLOGY    | Regular | LCLB | DLTA | T  | 11:00A - 1:55P  | F004 | 3 | 25 | 22 | 1/10 - 4/24 |
| PSY 223W-WN130 | CHILD PSYCHOLOGY    | Regular | LCLB | DLTA | MW | 10:00A - 11:25A | J136 | 3 | 25 | 26 | 1/9 - 4/25  |
| PSY 223W-WN140 | CHILD PSYCHOLOGY    | Regular | LCLB | DLTA | R  | 2:00P - 4:55P   | S253 | 3 | 25 | 27 | 1/12 - 4/26 |
| PSY 223W-WN150 | CHILD PSYCHOLOGY    | Regular | LCLB | DLTA | TR | 12:30P - 1:55P  | S260 | 3 | 25 | 23 | 1/10 - 4/26 |
| PSY 231W-WN110 | THEORIES OF PERSON  | Regular | LCLB | DLTA | TR | 2:00P - 3:25P   | S226 | 3 | 25 | 19 | 1/10 - 4/26 |
| PSY 241W-WN110 | ABNORMAL PSYCHOLOGY | Regular | LCLB | DLTA | MW | 10:00A - 11:25A | S224 | 3 | 25 | 20 | 1/9 - 4/25  |
| PSY 241W-WN210 | ABNORMAL PSYCHOLOGY | Regular | LCLB | DLTA | M  | 5:00P - 7:55P   | S221 | 3 | 25 | 23 | 1/9 - 4/23  |

Note: Same as SOC 300W and may be taken for PSY or SOC credit but not both.

|                |                     |         |      |      |   |                 |      |   |    |    |             |
|----------------|---------------------|---------|------|------|---|-----------------|------|---|----|----|-------------|
| PSY 300W-WN310 | INTERVIEW & COUNSEL | Regular | LCLB | DLTA | T | 7:00P - 9:55P   | S253 | 3 | 20 | 7  | 1/10 - 4/24 |
| RC 101-WN110   | CONSTRCTN PRNT INTR | Regular | LCLB | DLTA | T | 11:00A - 1:55P  | M151 | 3 | 25 | 18 | 1/10 - 4/24 |
| RC 101-WN310   | CONSTRCTN PRNT INTR | Regular | LCLB | DLTA | R | 6:00P - 8:55P   | L112 | 3 | 22 | 13 | 1/12 - 4/26 |
| RC 200W-WN110  | CONTRACTING RUL/REG | Regular | LCLB | DLTA | T | 8:00A - 10:55A  | M103 | 3 | 18 | 13 | 1/10 - 4/24 |
| RC 203-WN210   | RESIDENTIAL CAD     | Regular | LCLB | DLTA | R | 11:00A - 3:55P  | M103 | 3 | 18 | 18 | 1/12 - 4/26 |
| RHA 121-WN110  | FUND REFRG & A/C    | Regular | LCLB | DLTA | M | 9:00A - 11:55A  | L112 | 3 | 15 | 11 | 1/9 - 4/23  |
| RHA 121-WN510  | FUND REFRG & A/C    | Regular | LCLB | DLTA | M | 5:00P - 7:55P   | M151 | 3 | 13 | 9  | 1/9 - 4/23  |
| RHA 122-WN510  | REFRG & A/C SERV I  | Regular | LCLB | DLTA | M | 5:00P - 7:55P   | M145 | 3 | 13 | 13 | 1/9 - 4/23  |
| RHA 123-WN510  | COMM REF FLOW CON I | Regular | LCLB | DLTA | T | 6:00P - 8:55P   | M145 | 3 | 14 | 11 | 1/10 - 4/24 |
| RHA 124-WN510  | REFRG & A/C SERV II | Regular | LCLB | DLTA | M | 8:00P - 10:00P  | M142 | 3 | 14 | 10 | 1/9 - 4/23  |
|                |                     | Regular | LN2  | DLTA | M | 10:00P - 10:55P | M140 | 3 |    |    | 1/9 - 4/23  |
| RHA 126-WN210  | REF PIPING PRACTICE | Regular | LCLB | DLTA | W | 5:00P - 7:55P   | M145 | 3 | 15 | 15 | 1/11 - 4/25 |
| RHA 135-WN510  | HEATING SYSTEMS     | Regular | LCLB | DLTA | T | 6:00P - 8:55P   | M140 | 3 | 14 | 12 | 1/10 - 4/24 |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name   | Title                | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|--|----------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| RHA 136-WN110  | HEATING SERV FUND    | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A  | L112 | 3            | 15  | 13  | 1/11 - 4/25 |
| RHA 140-WN510  | APPL ELECTRICITY I   | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P   | M145 | 3            | 13  | 10  | 1/12 - 4/26 |
| RHA 142-WN520  | SHEETMETAL LAYOUT I  | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | 150D | 3            | 10  | 9   | 1/11 - 4/25 |
| RHA 146-WN110  | RESIDENTL A/C SYS    | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | L114 | 3            | 15  | 11  | 1/10 - 4/24 |
| RHA 210W-WN210   | COMMERCIAL A/C       | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P   | M151 | 3            | 15  | 13  | 1/12 - 4/26 |
| RHA 225-WN510  | COMMERCIAL REFG II   | Regular     | LCLB      | DLTA     | R    | 11:00A - 1:55P  | M151 | 3            | 14  | 12  | 1/12 - 4/26 |
| RT 240-WN110   | ADV RESP CARE PHARM  | Regular     | LCLB      | DLTA     | F    | 9:00A - 11:55A  | F245 | 3            | 15  | 13  | 1/13 - 4/27 |
| SKCA 120-WN510   | INTRO TO CAM         | Regular     | LCLB      | DLTA     | TR   | 11:00A - 1:00P  | L117 | 3            | 1   | 1   | 1/10 - 4/26 |
| Global Capacity 10, This class will not meet April 3 and 5, 2012 |                      |             |           |          |      |                 |      |              |     |     |             |
| SKEL 111-WN220   | CONVENTION CONTROL   | Regular     | LCLB      | DLTA     | M    | 6:30P - 7:55P   | L118 | 3            | 16  | 16  | 1/9 - 4/23  |
|  |                      | Regular     | LN2       | DLTA     | M    | 5:00P - 6:25P   | M163 | 3            |     |     | 1/9 - 4/23  |
| OSHA approved safety glasses are required for this course        |                      |             |           |          |      |                 |      |              |     |     |             |
| SKEL 131-WN320   | AC/DC MACHINERY      | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | M151 | 3            | 17  | 16  | 1/11 - 4/25 |
| OSHA approved safety glasses are required for this course        |                      |             |           |          |      |                 |      |              |     |     |             |
| SKEL 141-WN310   | IND ELEC CODE & STD  | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | L114 | 3            | 24  | 21  | 1/11 - 4/25 |
| NOTE: Class will not meet on February 1, 2012.                   |                      |             |           |          |      |                 |      |              |     |     |             |
| SKET 106-WN510   | APP ELECT I          | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P   | M145 | 3            | 4   | 4   | 1/12 - 4/26 |
| SKMA 097-WN505   | ALGEBRA I            | Regular     | LCLB      | RICK     | T    | 6:00P - 8:55P   | 148  | 3            | 19  | 14  | 1/10 - 4/24 |
| SKMA 097-WN510   | ALGEBRA I            | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | M104 | 3            | 15  | 7   | 1/10 - 4/24 |
| SKMT 101-WN520   | HYDRAUL/PNEUMATIC I  | Regular     | LCLB      | DLTA     | M    | 1:00P - 2:55P   | L112 | 3            | 7   | 7   | 1/9 - 4/23  |
|  |                      | Regular     | LN2       | DLTA     | M    | 3:00P - 4:55P   | L126 | 3            |     |     | 1/9 - 4/23  |
| OSHA approved safety glasses are required for this course        |                      |             |           |          |      |                 |      |              |     |     |             |
| SKMT 101-WN530   | HYDRAUL/PNEUMATIC I  | Regular     | LCLB      | DLTA     | W    | 5:00P - 6:55P   | L112 | 3            | 14  | 14  | 1/11 - 4/25 |
|  |                      | Regular     | LN2       | DLTA     | W    | 7:00P - 8:55P   | L126 | 3            |     |     | 1/11 - 4/25 |
| OSHA approved safety glasses are required for this course        |                      |             |           |          |      |                 |      |              |     |     |             |
| SKMT 111-WN310   | METALS               | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | L112 | 3            | 18  | 18  | 1/10 - 4/24 |
| SKMT 151-WN510   | POWER TRANSMISSION   | Regular     | LCLB      | DLTA     | M    | 5:00P - 6:25P   | L106 | 3            | 8   | 7   | 1/9 - 4/23  |
|  |                      | Regular     | LCLB      | DLTA     | M    | 6:30P - 7:55P   | L113 | 3            |     |     | 1/9 - 4/23  |
| OSHA approved safety glasses are required for this course        |                      |             |           |          |      |                 |      |              |     |     |             |
| SKMT 171-WN510   | SHEET METAL I        | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | 150D | 3            | 5   | 4   | 1/11 - 4/25 |
| OSHA approved safety glasses are required for this course        |                      |             |           |          |      |                 |      |              |     |     |             |
| SKPT 121-WN510   | FUND REFRG & A/C     | Regular     | LCLB      | DLTA     | M    | 5:00P - 7:55P   | M151 | 3            | 2   | 1   | 1/9 - 4/23  |
| SKPT 122-WN510   | REFRG & A/C SERV I   | Regular     | LCLB      | DLTA     | M    | 5:00P - 7:55P   | M145 | 3            | 2   | 2   | 1/9 - 4/23  |
| SKPT 123-WN510   | COMM RFRGTN I        | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | M145 | 3            | 1   | 1   | 1/10 - 4/24 |
| SKPT 124-WN510   | REFRG & A/C SERV II  | Regular     | LCLB      | DLTA     | M    | 8:00P - 10:00P  | M142 | 3            | 1   | 0   | 1/9 - 4/23  |
|  |                      | Regular     | LN2       | DLTA     | M    | 10:00P - 10:55P | M140 | 3            |     |     | 1/9 - 4/23  |
| SKPT 126-WN510   | HEATING SYSTEMS      | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | M140 | 3            | 1   | 1   | 1/10 - 4/24 |
| SKPT 225-WN510   | COMMERCIAL REFG II   | Regular     | LCLB      | DLTA     | R    | 11:00A - 1:55P  | M151 | 3            | 1   | 0   | 1/12 - 4/26 |
| SOC 211W-WN105   | PRINCPL OF SOCIOLOGY | Regular     | LCLB      | RICK     | R    | 12:00P - 2:55P  | 111  | 3            | 25  | 25  | 1/12 - 4/26 |
| SOC 211W-WN110   | PRINCPL OF SOCIOLOGY | Regular     | LCLB      | DLTA     | T    | 8:00A - 10:55A  | M163 | 3            | 25  | 25  | 1/10 - 4/24 |
| SOC 211W-WN115   | PRINCPL OF SOCIOLOGY | Regular     | LCLB      | DLTA     | F    | 8:00A - 10:55A  | S258 | 3            | 25  | 23  | 1/13 - 4/27 |
| SOC 211W-WN120   | PRINCPL OF SOCIOLOGY | Regular     | LCLB      | DLTA     | W    | 9:00A - 11:55A  | S263 | 3            | 25  | 24  | 1/11 - 4/25 |
| SOC 211W-WN122   | PRINCPL OF SOCIOLOGY | Regular     | LCLB      | DCPL     | W    | 9:00A - 11:55A  | 212  | 3            | 25  | 23  | 1/11 - 4/25 |
| SOC 211W-WN130   | PRINCPL OF SOCIOLOGY | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | M163 | 3            | 25  | 25  | 1/10 - 4/24 |
| SOC 211W-WN135   | PRINCPL OF SOCIOLOGY | Regular     | LCLB      | DLTA     | W    | 2:00P - 4:55P   | S221 | 3            | 25  | 24  | 1/11 - 4/25 |
| SOC 211W-WN140   | PRINCPL OF SOCIOLOGY | Regular     | LCLB      | DLTA     | R    | 11:00A - 1:55P  | S060 | 3            | 25  | 23  | 1/12 - 4/26 |
| SOC 211W-WN145   | PRINCPL OF SOCIOLOGY | Regular     | LCLB      | DLTA     | M    | 12:00P - 2:55P  | S224 | 3            | 25  | 24  | 1/9 - 4/23  |
| SOC 211W-WN150   | PRINCPL OF SOCIOLOGY | Regular     | LCLB      | DLTA     | F    | 12:00P - 2:55P  | S258 | 3            | 25  | 22  | 1/13 - 4/27 |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name  | Title                 | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|---|-----------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| SOC 211W-WN155  | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | S041 | 3            | 25  | 24  | 1/9 - 4/23  |
| SOC 211W-WN160  | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | DLTA     | W    | 2:00P - 4:55P   | S263 | 3            | 25  | 26  | 1/11 - 4/25 |
| SOC 211W-WN165  | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | DLTA     | T    | 12:00P - 2:55P  | S253 | 3            | 25  | 25  | 1/10 - 4/24 |
| SOC 211W-WN170  | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | DLTA     | W    | 12:00P - 2:55P  | S224 | 3            | 25  | 24  | 1/11 - 4/25 |
| SOC 211W-WN175  | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | DLTA     | R    | 3:00P - 5:55P   | S060 | 3            | 25  | 25  | 1/12 - 4/26 |
| SOC 211W-WN220  | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | DLTA     | M    | 5:00P - 7:55P   | S225 | 3            | 25  | 25  | 1/9 - 4/23  |
| SOC 211W-WN260  | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | DCMC     | M    | 5:00P - 7:55P   | 155  | 3            | 25  | 23  | 1/9 - 4/23  |
| SOC 211W-WN320  | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | S224 | 3            | 25  | 24  | 1/11 - 4/25 |
| SOC 211W-WN340  | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | S228 | 3            | 25  | 29  | 1/10 - 4/24 |
| SOC 211W-WN350  | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | S260 | 3            | 25  | 29  | 1/10 - 4/24 |
| SOC 211W-WN645  | PRINCPL OF SOCIOLOGY  | Regular     | LCLB      | DLTA     | M    | 9:00A - 11:55A  | S125 | 3            | 25  | 26  | 1/9 - 4/25  |
| SOC 212W-WN110  | SOCIAL PROBLEMS       | Regular     | LCLB      | DLTA     | R    | 3:00P - 5:55P   | S263 | 3            | 25  | 25  | 1/12 - 4/26 |
| SOC 215W-WN110  | SOC MINORITY GROUPS   | Regular     | LCLB      | RICK     | M    | 2:00P - 4:55P   | 111  | 3            | 25  | 26  | 1/9 - 4/23  |
| SOC 215W-WN120  | SOC MINORITY GROUPS   | Regular     | LCLB      | DLTA     | R    | 11:00A - 1:55P  | S228 | 3            | 25  | 24  | 1/12 - 4/26 |
| SOC 221W-WN110  | MARRIAGE AND FAMILY   | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | F002 | 3            | 25  | 27  | 1/10 - 4/24 |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> .  |                       |             |           |          |      |                 |      |              |     |     |             |
| SOC 231W-WN110  | CULTURAL ANTHROPOLOGY | Regular     | LCLB      | DLTA     | R    | 11:00A - 1:55P  | S253 | 3            | 25  | 23  | 1/12 - 4/26 |
| Note: Course also requires 45 practicum hours in a social work setting.   |                       |             |           |          |      |                 |      |              |     |     |             |
| SOC 250W-WN210  | INTRO SOCIAL WORK     | Regular     | LCLB      | DLTA     | W    | 5:30P - 8:25P   | F007 | 3            | 25  | 24  | 1/11 - 4/25 |
| Note: Must qualify for Honors Program or have instructor permission. Contact <a href="http://www3.delta.edu/honors/">Honors</a> or 686-9091 or <a href="mailto:aghill@delta.edu">Alan Hill</a> 686-9369 for details. Credit may be earned in SOC 282HW or IHU 282HW but not both.                           |                       |             |           |          |      |                 |      |              |     |     |             |
| SOC 282HW-WN110   | HNRS SEM SOC ISSUE    | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P  | S060 | 3            | 20  | 7   | 1/10 - 4/24 |
| Note: Same as PSY 300W and may be taken for SOC or PSY credit but not both.   |                       |             |           |          |      |                 |      |              |     |     |             |
| SOC 300W-WN310  | INTERVIEW & COUNSEL   | Regular     | LCLB      | DLTA     | T    | 7:00P - 9:55P   | S253 | 3            | 20  | 15  | 1/10 - 4/24 |
| SSI 240W-WN110  | LEAD POSITIVE CHANGE  | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | F004 | 3            | 25  | 5   | 1/9 - 4/23  |
| ST 100-WN110  | INTRO HLTH CARE SER   | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | F146 | 3            | 26  | 26  | 1/10 - 4/24 |
| ST 251W-WN110   | OPERATN ROOM SEMINAR  | Regular     | LCLB      | DLTA     | T    | 12:30P - 3:25P  | F146 | 3            | 15  | 14  | 1/10 - 4/24 |
| TTI 120-WN110   | ENRGY AUDIT WEATHER   | Regular     | LCLB      | DLTA     | M    | 5:00P - 7:55P   | M105 | 3            | 15  | 14  | 1/9 - 4/23  |
| WET 110-WN310   | WATER TREATMENT       | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P   | F111 | 3            | 16  | 9   | 1/10 - 4/24 |
| WET 112-WN310   | WASTEWATER TREATMNT   | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:55P   | F111 | 3            | 16  | 6   | 1/9 - 4/23  |
| WET 210-WN310   | ADV WASTEWATER TECH   | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:55P   | F111 | 3            | 16  | 18  | 1/11 - 4/25 |
| WET 240-WN310   | APPL HYDRAULICS       | Regular     | LCLB      | DLTA     | R    | 6:00P - 8:55P   | F111 | 3            | 16  | 16  | 1/12 - 4/26 |
| WTT 100-WN210   | INTRO WIND ENERGY     | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:55P   | M105 | 3            | 18  | 15  | 1/11 - 4/25 |
| WTT 120-WN210   | WIND TURBN MECH SYS   | Regular     | LCLB      | DLTA     | T    | 6:00P - 6:55P   | M163 | 3            | 18  | 12  | 1/10 - 4/24 |
|   |                       | Regular     | LCLB      | DLTA     | T    | 7:00P - 8:55P   | M162 | 3            |     |     | 1/10 - 4/24 |
| OSHA approved safety glasses are required for this course   |                       |             |           |          |      |                 |      |              |     |     |             |
| WTT 240-WN210   | POWER DISTBN          | Regular     | LCLB      | DLTA     | R    | 5:00P - 6:55P   | L106 | 3            | 18  | 19  | 1/12 - 4/26 |
|   |                       | Regular     | LCLB      | DLTA     | R    | 7:00P - 7:55P   | L113 | 3            |     |     | 1/12 - 4/26 |
| OSHA approved safety glasses are required for this course   |                       |             |           |          |      |                 |      |              |     |     |             |
| A Criminal Background Check (CBC) must be completed before entering the clinical agency. Students are not eligible for a course refund, beyond the College defined refund period, if a determination has been made by the clinical agency to prevent the student from entering the facility for any reason. |                       |             |           |          |      |                 |      |              |     |     |             |
| CNA 100W-WN110  | CERT NUR ASST TRNG    | Regular     | LCLB      | DCMC     | F    | 8:00A - 12:00P  | 202  | 3.7          | 16  | 15  | 1/13 - 4/27 |
| Students who register for CNA-100W-WN110 must also register for CNA-100LW-WN110 or CNA-100LW-WN120.   |                       |             |           |          |      |                 |      |              |     |     |             |
| CNA 100W-WN120  | CERT NUR ASST TRNG    | Regular     | LCLB      | DCMC     | MTWR | 10:00A - 11:30A | 202  | 3.7          | 16  | 11  | 1/9 - 5/7   |
| Students who register for CNA-100W-WN120 must also register for CNA-100LW-WN130 or CNA-100LW-WN140.   |                       |             |           |          |      |                 |      |              |     |     |             |
| CNA 100W-WN130  | CERT NUR ASST TRNG    | Regular     | LCLB      | DCMC     | MTWR | 11:30A - 1:00P  | 202  | 3.7          | 16  | 12  | 1/9 - 5/7   |
| Students who register for CNA-100W-WN130 must also register for CNA-100LW-WN150 or CNA-100LW-WN160.   |                       |             |           |          |      |                 |      |              |     |     |             |
| ACC 111-WN110   | INTRO ACCOUNTING      | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:55A   | J132 | 4            | 25  | 21  | 1/9 - 4/25  |
| ACC 111-WN120   | INTRO ACCOUNTING      | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | J135 | 4            | 25  | 23  | 1/10 - 4/26 |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name  | Title                | Term Length | Inst Meth | Location | Days | Time           | Room | Credit Hours | Cap | Enr | Dates       |
|---|----------------------|-------------|-----------|----------|------|----------------|------|--------------|-----|-----|-------------|
| ACC 111-WN310   | INTRO ACCOUNTING     | Regular     | LCLB      | DLTA     | TR   | 7:00P - 8:55P  | J135 | 4            | 25  | 18  | 1/10 - 4/26 |
| ACC 111-WN710   | INTRO ACCOUNTING     | Regular     | LCLB      | DLTA     | W    | 12:00P - 1:55P | N206 | 4            | 25  | 24  | 1/11 - 4/25 |
| <i>Note: All sections require the use of the Internet and purchase of WileyPlus.</i>                            |                      |             |           |          |      |                |      |              |     |     |             |
| ACC 211-WN110   | PRIN ACCOUNTING I    | Regular     | LCLB      | DLTA     | MW   | 8:30A - 10:55A | M104 | 4            | 25  | 25  | 1/9 - 4/25  |
| ACC 211-WN120   | PRIN ACCOUNTING I    | Regular     | LCLB      | DLTA     | TR   | 8:30A - 10:55A | M104 | 4            | 25  | 24  | 1/10 - 4/26 |
| ACC 211-WN130   | PRIN ACCOUNTING I    | Regular     | LCLB      | DCMC     | TR   | 9:00A - 11:25A | 104  | 4            | 25  | 21  | 1/10 - 4/26 |
| ACC 211-WN140   | PRIN ACCOUNTING I    | Regular     | LCLB      | DLTA     | MW   | 12:00P - 2:25P | F003 | 4            | 25  | 26  | 1/9 - 4/25  |
| ACC 211-WN150   | PRIN ACCOUNTING I    | Regular     | LCLB      | DLTA     | TR   | 3:30P - 5:55P  | J132 | 4            | 25  | 24  | 1/10 - 4/26 |
| ACC 211-WN310   | PRIN ACCOUNTING I    | Regular     | LCLB      | DLTA     | MW   | 6:00P - 8:25P  | J136 | 4            | 25  | 27  | 1/9 - 4/25  |
| ACC 211-WN320   | PRIN ACCOUNTING I    | Regular     | LCLB      | DCMC     | TR   | 6:30P - 8:55P  | 153  | 4            | 25  | 22  | 1/10 - 4/26 |
| ACC 211-WN330   | PRIN ACCOUNTING I    | Regular     | LCLB      | DLTA     | TR   | 7:00P - 9:25P  | J134 | 4            | 25  | 24  | 1/10 - 4/26 |
| <i>Note: All sections require the use of the Internet and purchase of WileyPlus.</i>                            |                      |             |           |          |      |                |      |              |     |     |             |
| ACC 212-WN110   | PRIN OF ACCTG II     | Regular     | LCLB      | DLTA     | TR   | 8:30A - 10:55A | N206 | 4            | 25  | 26  | 1/10 - 4/26 |
| ACC 212-WN120   | PRIN OF ACCTG II     | Regular     | LCLB      | DLTA     | MW   | 9:00A - 11:25A | N206 | 4            | 25  | 23  | 1/9 - 4/25  |
| ACC 212-WN130   | PRIN OF ACCTG II     | Regular     | LCLB      | DLTA     | TR   | 11:00A - 1:25P | M104 | 4            | 25  | 25  | 1/10 - 4/26 |
| ACC 212-WN330   | PRIN OF ACCTG II     | Regular     | LCLB      | DLTA     | MW   | 6:30P - 8:55P  | J135 | 4            | 25  | 27  | 1/9 - 4/25  |
| ACC 212-WN340   | PRIN OF ACCTG II     | Regular     | LCLB      | DLTA     | TR   | 6:00P - 8:25P  | J132 | 4            | 25  | 26  | 1/10 - 4/26 |
| ACC 214-WN310   | MICRO ACCTG APPLI    | Regular     | LCLB      | DLTA     | M    | 6:00P - 9:55P  | K107 | 4            | 18  | 17  | 1/9 - 4/23  |
| ACC 228W-WN310  | INT ACC II           | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P  | E116 | 4            | 25  | 26  | 1/10 - 4/24 |
|   |                      | Regular     | LN2       | DLTA     | T    | 9:00P - 9:55P  | K114 | 4            |     |     | 1/10 - 4/24 |
| AFT 101-WN310   | PRIV PILT GRND TRNG  | Regular     | LCLB      | DLTA     | T    | 6:00P - 9:55P  | E117 | 4            | 16  | 10  | 1/10 - 4/24 |
| ARC 105-WN210   | ARCH DRAFTING I      | Regular     | LCLB      | DLTA     | TR   | 2:00P - 4:55P  | N204 | 4            | 18  | 17  | 1/10 - 4/26 |
| ARC 106-WN210   | ARCH DRAFTING II     | Regular     | LCLB      | DLTA     | TR   | 6:00P - 8:55P  | M100 | 4            | 18  | 12  | 1/10 - 4/26 |
| ASL 112W-WN110  | AM SIGN LANGUAGE II  | Regular     | LCLB      | DLTA     | TR   | 12:30P - 2:25P | S263 | 4            | 15  | 20  | 1/10 - 4/26 |
| ASL 112W-WN115  | AM SIGN LANGUAGE II  | Regular     | LCLB      | DLTA     | MW   | 6:00P - 7:55P  | S261 | 4            | 15  | 15  | 1/9 - 4/25  |
| ASL 211W-WN210  | AM SIGN LANGUAG III  | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P | C121 | 4            | 12  | 12  | 1/9 - 4/25  |
| ASL 211W-WN220  | AM SIGN LANGUAG III  | Regular     | LCLB      | DLTA     | TR   | 6:00P - 7:55P  | S261 | 4            | 12  | 13  | 1/10 - 4/26 |
| BIO 101W-WN110  | INTRO ANAT & PHYSIO  | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:55A  | C110 | 4            | 20  | 15  | 1/9 - 4/25  |
| BIO 101W-WN120  | INTRO ANAT & PHYSIO  | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P | C110 | 4            | 20  | 19  | 1/9 - 4/25  |
| BIO 101W-WN130  | INTRO ANAT & PHYSIO  | Regular     | LCLB      | DLTA     | TR   | 12:00P - 1:55P | C110 | 4            | 20  | 22  | 1/10 - 4/26 |
| BIO 101W-WN140  | INTRO ANAT & PHYSIO  | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P  | C110 | 4            | 20  | 19  | 1/10 - 4/26 |
| BIO 101W-WN210  | INTRO ANAT & PHYSIO  | Regular     | LCLB      | DLTA     | MW   | 4:00P - 5:55P  | C110 | 4            | 20  | 18  | 1/9 - 4/25  |
| BIO 101W-WN220  | INTRO ANAT & PHYSIO  | Regular     | LCLB      | DLTA     | TR   | 4:00P - 5:55P  | C110 | 4            | 20  | 19  | 1/10 - 4/26 |
| BIO 101W-WN310  | INTRO ANAT & PHYSIO  | Regular     | LCLB      | DLTA     | MW   | 6:00P - 7:55P  | C110 | 4            | 20  | 18  | 1/9 - 4/25  |
| BIO 110W-WN110  | ENVIRON SCIENCE      | Regular     | LCLB      | DLTA     | MW   | 8:00A - 10:55A | C123 | 4            | 25  | 24  | 1/9 - 4/25  |
| <i>Note: A &lt;a href="http://www.delta.edu/pages/10924.aspx"&gt;Sustainability Related Course &lt;/a&gt; .</i> |                      |             |           |          |      |                |      |              |     |     |             |
| BIO 110W-WN120  | ENVIRON SCIENCE      | Regular     | LCLB      | DLTA     | TR   | 2:00P - 4:55P  | C123 | 4            | 25  | 25  | 1/10 - 4/26 |
| <i>Note: A &lt;a href="http://www.delta.edu/pages/10924.aspx"&gt;Sustainability Related Course &lt;/a&gt; .</i> |                      |             |           |          |      |                |      |              |     |     |             |
| BIO 111W-WN110  | PRINCIPLS OF BIOLOGY | Regular     | LCLB      | DLTA     | MW   | 8:00A - 10:55A | C116 | 4            | 25  | 24  | 1/9 - 4/25  |
| BIO 111W-WN120  | PRINCIPLS OF BIOLOGY | Regular     | LCLB      | DLTA     | TR   | 8:00A - 10:55A | C116 | 4            | 25  | 24  | 1/10 - 4/26 |
| BIO 111W-WN130  | PRINCIPLS OF BIOLOGY | Regular     | LCLB      | DLTA     | TR   | 8:00A - 10:55A | C123 | 4            | 25  | 25  | 1/10 - 4/26 |
| BIO 111W-WN135  | PRINCIPLS OF BIOLOGY | Regular     | LCLB      | RICK     | T    | 9:00A - 11:55A | 145  | 4            | 20  | 20  | 1/10 - 4/26 |
|   |                      | Regular     | LN2       | RICK     | R    | 9:00A - 11:55A | 143  | 4            |     |     | 1/10 - 4/26 |
| BIO 111W-WN140  | PRINCIPLS OF BIOLOGY | Regular     | LCLB      | DCPL     | W    | 9:00A - 11:55A | 217  | 4            | 25  | 25  | 1/11 - 4/27 |
|   |                      | Regular     | LCLB      | DCPL     | F    | 9:00A - 11:55A | C123 | 4            |     |     | 1/11 - 4/27 |
| Class meets Wednesday at Planetarium in Bay City, and Friday on main campus.                                    |                      |             |           |          |      |                |      |              |     |     |             |
| BIO 111W-WN150  | PRINCIPLS OF BIOLOGY | Regular     | LCLB      | DLTA     | MW   | 11:00A - 1:55P | C116 | 4            | 25  | 26  | 1/9 - 4/25  |
| <i>Note: A &lt;a href="http://www.delta.edu/pages/10924.aspx"&gt;Sustainability Related Course &lt;/a&gt; .</i> |                      |             |           |          |      |                |      |              |     |     |             |
| BIO 111W-WN160  | PRINCIPLS OF BIOLOGY | Regular     | LCLB      | DLTA     | TF   | 11:00A - 1:55P | C116 | 4            | 25  | 21  | 1/10 - 4/27 |
| BIO 111W-WN170  | PRINCIPLS OF BIOLOGY | Regular     | LCLB      | DCMC     | T    | 11:00A - 1:55P | 106  | 4            | 20  | 19  | 1/10 - 4/26 |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name  | Title                | Term Length | Inst Meth | Location | Days | Time           | Room | Credit Hours | Cap | Enr | Dates       |
|---|----------------------|-------------|-----------|----------|------|----------------|------|--------------|-----|-----|-------------|
| BIO 111W-WN170  |                      | Regular     | LN2       | DCMC     | R    | 11:00A - 1:55P | C116 | 4            |     |     | 1/10 - 4/26 |
| BIO 111W-WN180  | PRINCIPLS OF BIOLOGY | Regular     | LCLB      | DLTA     | MW   | 2:00P - 4:55P  | C116 | 4            | 25  | 23  | 1/9 - 4/25  |
| BIO 111W-WN185  | PRINCIPLS OF BIOLOGY | Regular     | LCLB      | DLTA     | MW   | 2:00P - 4:55P  | C123 | 4            | 25  | 25  | 1/9 - 4/26  |
| BIO 111W-WN190  | PRINCIPLS OF BIOLOGY | Regular     | LCLB      | DLTA     | TR   | 2:00P - 4:55P  | C116 | 4            | 25  | 25  | 1/10 - 4/26 |
| BIO 111W-WN210  | PRINCIPLS OF BIOLOGY | Regular     | LCLB      | DLTA     | TR   | 5:00P - 7:55P  | C116 | 4            | 25  | 24  | 1/10 - 4/26 |
| BIO 152W-WN110  | HUMAN A & P I        | Regular     | LCLB      | DLTA     | M    | 8:00A - 10:55A | C113 | 4            | 20  | 22  | 1/9 - 4/26  |
|   |                      | Regular     | LN2       | DLTA     | R    | 8:00A - 10:55A | C132 | 4            |     |     | 1/9 - 4/26  |
| BIO 152W-WN120  | HUMAN A & P I        | Regular     | LCLB      | DLTA     | TR   | 8:00A - 10:55A | C113 | 4            | 20  | 22  | 1/10 - 4/26 |
| BIO 152W-WN130  | HUMAN A & P I        | Regular     | LCLB      | DCMC     | M    | 8:00A - 10:55A | 106  | 4            | 20  | 17  | 1/9 - 4/25  |
|   |                      | Regular     | LN2       | DCMC     | W    | 8:00A - 10:55A | C113 | 4            |     |     | 1/9 - 4/25  |
| Note: Class meets Monday at the Midland Center and Wednesday on the Main Campus. Testing Center may be used occasionally, especially if college closures cause class cancellations. Computer with internet access required for some assignments and to access additional course materials. Students should plan for additional printing and/or copying costs for course notes found on e-learning site. |                      |             |           |          |      |                |      |              |     |     |             |
| BIO 152W-WN140  | HUMAN A & P I        | Regular     | LCLB      | DLTA     | T    | 8:00A - 10:55A | C132 | 4            | 20  | 21  | 1/10 - 4/27 |
|   |                      | Regular     | LN2       | DLTA     | F    | 8:00A - 10:55A | C113 | 4            |     |     | 1/10 - 4/27 |
| BIO 152W-WN150  | HUMAN A & P I        | Regular     | LCLB      | DLTA     | MW   | 11:00A - 1:55P | C113 | 4            | 20  | 21  | 1/9 - 4/25  |
| BIO 152W-WN160  | HUMAN A & P I        | Regular     | LCLB      | DLTA     | TR   | 11:00A - 1:55P | C113 | 4            | 20  | 21  | 1/10 - 4/26 |
| Note: Testing Center may be used occasionally, especially if college closures cause class cancellations. Computer with internet access required for some assignments and to access additional course materials. Students should plan for additional printing and/or copying costs for course notes found on e-learning site.  |                      |             |           |          |      |                |      |              |     |     |             |
| BIO 152W-WN170  | HUMAN A & P I        | Regular     | LCLB      | DLTA     | TR   | 11:00A - 1:55P | C132 | 4            | 20  | 23  | 1/10 - 4/26 |
| BIO 152W-WN180  | HUMAN A & P I        | Regular     | LCLB      | DLTA     | MW   | 2:00P - 4:55P  | C113 | 4            | 20  | 21  | 1/9 - 4/25  |
| BIO 152W-WN190  | HUMAN A & P I        | Regular     | LCLB      | DLTA     | TR   | 2:00P - 4:55P  | C113 | 4            | 20  | 24  | 1/10 - 4/26 |
| Note: Access to the internet is expected. Uses D2L as an online resource.   |                      |             |           |          |      |                |      |              |     |     |             |
| BIO 152W-WN195  | HUMAN A & P I        | Regular     | LCLB      | DLTA     | MW   | 2:00P - 4:55P  | C132 | 4            | 20  | 22  | 1/9 - 4/25  |
| BIO 152W-WN210  | HUMAN A & P I        | Regular     | LCLB      | DLTA     | MW   | 6:00P - 8:55P  | C113 | 4            | 20  | 21  | 1/9 - 4/25  |
| BIO 152W-WN220  | HUMAN A & P I        | Regular     | LCLB      | DLTA     | TR   | 5:00P - 7:55P  | C132 | 4            | 20  | 19  | 1/10 - 4/26 |
| BIO 152W-WN310  | HUMAN A & P I        | Regular     | LCLB      | DLTA     | TR   | 6:00P - 8:55P  | C113 | 4            | 20  | 21  | 1/10 - 4/26 |
| Note: Access to the internet is expected. Uses D2L as an online resource.   |                      |             |           |          |      |                |      |              |     |     |             |
| BIO 153W-WN110  | HUMAN A & P II       | Regular     | LCLB      | DLTA     | MW   | 8:00A - 10:55A | C117 | 4            | 20  | 21  | 1/9 - 4/25  |
| BIO 153W-WN120  | HUMAN A & P II       | Regular     | LCLB      | DLTA     | TR   | 8:00A - 10:55A | C117 | 4            | 20  | 20  | 1/10 - 4/26 |
| BIO 153W-WN130  | HUMAN A & P II       | Regular     | LCLB      | DLTA     | W    | 8:00A - 10:55A | C132 | 4            | 20  | 19  | 1/11 - 4/27 |
|   |                      | Regular     | LN2       | DLTA     | F    | 8:00A - 10:55A | C132 | 4            |     |     | 1/11 - 4/27 |
| BIO 153W-WN140  | HUMAN A & P II       | Regular     | LCLB      | DLTA     | MW   | 11:00A - 1:55P | C117 | 4            | 20  | 19  | 1/9 - 4/25  |
| BIO 153W-WN150  | HUMAN A & P II       | Regular     | LCLB      | DLTA     | TR   | 11:00A - 1:55P | C117 | 4            | 20  | 18  | 1/10 - 4/26 |
| BIO 153W-WN160  | HUMAN A & P II       | Regular     | LCLB      | DLTA     | W    | 11:00A - 1:55P | C132 | 4            | 20  | 20  | 1/11 - 4/27 |
|   |                      | Regular     | LN2       | DLTA     | F    | 11:00A - 1:55P | C132 | 4            |     |     | 1/11 - 4/27 |
| BIO 153W-WN170  | HUMAN A & P II       | Regular     | LCLB      | DLTA     | TR   | 2:00P - 4:55P  | C117 | 4            | 20  | 21  | 1/10 - 4/26 |
| BIO 153W-WN180  | HUMAN A & P II       | Regular     | LCLB      | DLTA     | MW   | 3:00P - 5:55P  | C117 | 4            | 20  | 21  | 1/9 - 4/25  |
| BIO 153W-WN310  | HUMAN A & P II       | Regular     | LCLB      | DLTA     | MW   | 6:00P - 8:55P  | C117 | 4            | 20  | 23  | 1/9 - 4/25  |
| BIO 153W-WN320  | HUMAN A & P II       | Regular     | LCLB      | DLTA     | TR   | 6:00P - 8:55P  | C117 | 4            | 20  | 22  | 1/10 - 4/26 |
| BIO 171-WN110   | INTEGRATE GEN BIO I  | Regular     | LCLB      | DLTA     | TR   | 11:00A - 1:55P | C123 | 4            | 20  | 21  | 1/10 - 4/26 |
| BIO 171-WN120   | INTEGRATE GEN BIO I  | Regular     | LCLB      | DLTA     | TR   | 5:00P - 7:55P  | C123 | 4            | 20  | 17  | 1/10 - 4/26 |
| BIO 172W-WN110  | INTEGRAT GEN BIO II  | Regular     | LCLB      | DLTA     | MW   | 11:00A - 1:55P | C123 | 4            | 20  | 17  | 1/9 - 4/25  |
| BIO 172W-WN310  | INTEGRAT GEN BIO II  | Regular     | LCLB      | DLTA     | MW   | 5:00P - 7:55P  | C123 | 4            | 20  | 12  | 1/9 - 4/25  |
| BIO 203W-WN110  | MICROBIOLOGY         | Regular     | LCLB      | DLTA     | M    | 8:00A - 10:55A | F013 | 4            | 20  | 20  | 1/9 - 4/25  |
|   |                      | Regular     | LCLB      | DLTA     | W    | 8:00A - 10:55A | F110 | 4            |     |     | 1/9 - 4/25  |
| BIO 203W-WN120  | MICROBIOLOGY         | Regular     | LCLB      | DLTA     | T    | 8:00A - 10:55A | F013 | 4            | 20  | 18  | 1/10 - 4/26 |
|   |                      | Regular     | LCLB      | DLTA     | R    | 8:00A - 10:55A | F110 | 4            |     |     | 1/10 - 4/26 |
| BIO 203W-WN130  | MICROBIOLOGY         | Regular     | LCLB      | DLTA     | T    | 9:00A - 11:55A | F110 | 4            | 20  | 20  | 1/10 - 4/26 |
|   |                      | Regular     | LN2       | DLTA     | R    | 9:00A - 11:55A | F013 | 4            |     |     | 1/10 - 4/26 |
| BIO 203W-WN140  | MICROBIOLOGY         | Regular     | LCLB      | DLTA     | M    | 11:00A - 1:55P | F013 | 4            | 20  | 19  | 1/9 - 4/25  |
|   |                      | Regular     | LCLB      | DLTA     | W    | 11:00A - 1:55P | F110 | 4            |     |     | 1/9 - 4/25  |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name   | Title        | Term Length | Inst Meth | Location | Days | Time           | Room | Credit Hours | Cap | Enr | Dates       |
|----------------|--------------|-------------|-----------|----------|------|----------------|------|--------------|-----|-----|-------------|
| BIO 203W-WN150 | MICROBIOLOGY | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:55P | F013 | 4            | 20  | 19  | 1/10 - 4/26 |
|                |              | Regular     | LN2       | DLTA     | R    | 11:00A - 1:55P | F110 | 4            |     |     | 1/10 - 4/26 |
| BIO 203W-WN160 | MICROBIOLOGY | Regular     | LCLB      | DLTA     | T    | 1:00P - 3:55P  | F110 | 4            | 20  | 19  | 1/10 - 4/26 |
|                |              | Regular     | LCLB      | DLTA     | R    | 1:00P - 3:55P  | F013 | 4            |     |     | 1/10 - 4/26 |
| BIO 203W-WN170 | MICROBIOLOGY | Regular     | LCLB      | DLTA     | T    | 2:00P - 4:55P  | F013 | 4            | 20  | 19  | 1/10 - 4/26 |
|                |              | Regular     | LN2       | DLTA     | R    | 2:00P - 4:55P  | F110 | 4            |     |     | 1/10 - 4/26 |
| BIO 203W-WN180 | MICROBIOLOGY | Regular     | LCLB      | DLTA     | T    | 4:00P - 6:55P  | F110 | 4            | 20  | 19  | 1/10 - 4/26 |
|                |              | Regular     | LN2       | DLTA     | R    | 4:00P - 6:55P  | F013 | 4            |     |     | 1/10 - 4/26 |
| BIO 203W-WN310 | MICROBIOLOGY | Regular     | LCLB      | DLTA     | T    | 6:00P - 8:55P  | F013 | 4            | 20  | 20  | 1/10 - 4/26 |
|                |              | Regular     | LN2       | DLTA     | R    | 6:00P - 8:55P  | F110 | 4            |     |     | 1/10 - 4/26 |
| BIO 241-WN110  | PHYSIOLOGY   | Regular     | LCLB      | DLTA     | TR   | 2:00P - 4:55P  | C132 | 4            | 20  | 15  | 1/10 - 4/26 |

Note: One additional hour of class per week to be announced.

Note: Must attend informational meeting or will be dropped. Contact [jillharrison@delta.edu](mailto:jillharrison@delta.edu) or 686-9051 or <http://www.delta.edu/socsci/informationalmeeting.aspx> Meeting Information

|               |                    |         |      |      |    |               |      |   |    |    |             |
|---------------|--------------------|---------|------|------|----|---------------|------|---|----|----|-------------|
| CD 110W-WN110 | INFANT/TODDLER DEV | Regular | LCLB | DLTA | TR | 8:00A - 9:25A | S260 | 4 | 25 | 23 | 1/10 - 4/26 |
|---------------|--------------------|---------|------|------|----|---------------|------|---|----|----|-------------|

Note: Must attend informational meeting or will be dropped. Contact [jillharrison@delta.edu](mailto:jillharrison@delta.edu) or 686-9051 or <http://www.delta.edu/socsci/informationalmeeting.aspx> Meeting Information

|               |                     |         |      |      |   |               |      |   |    |    |             |
|---------------|---------------------|---------|------|------|---|---------------|------|---|----|----|-------------|
| CD 113W-WN310 | GUIDANCE STRATEGIES | Regular | LCLB | DLTA | R | 6:00P - 8:55P | S253 | 4 | 25 | 23 | 1/12 - 4/26 |
|---------------|---------------------|---------|------|------|---|---------------|------|---|----|----|-------------|

Note: Course is lecture only. For transfer purposes, organic chemistry lab, CHM 210L, is also required.

|               |                |         |      |      |    |               |      |   |    |    |             |
|---------------|----------------|---------|------|------|----|---------------|------|---|----|----|-------------|
| CHM 210-WN110 | ORGANIC CHEM I | Regular | LCLB | DLTA | TR | 2:00P - 3:55P | C121 | 4 | 20 | 19 | 1/10 - 4/26 |
|---------------|----------------|---------|------|------|----|---------------|------|---|----|----|-------------|

Note: A <http://www.delta.edu/pages/10924.aspx> Sustainability Related Course

Note: Course is lecture only. For transfer purposes, organic chemistry lab, CHM 220L, is also required.

|               |                 |         |      |      |    |                 |      |   |    |    |             |
|---------------|-----------------|---------|------|------|----|-----------------|------|---|----|----|-------------|
| CHM 220-WN110 | ORGANIC CHEM II | Regular | LCLB | DLTA | TR | 11:00A - 12:55P | C121 | 4 | 20 | 19 | 1/10 - 4/26 |
|---------------|-----------------|---------|------|------|----|-----------------|------|---|----|----|-------------|

Note: A <http://www.delta.edu/pages/10924.aspx> Sustainability Related Course

|               |                 |         |      |      |   |               |      |   |    |    |            |
|---------------|-----------------|---------|------|------|---|---------------|------|---|----|----|------------|
| CHM 220-WN310 | ORGANIC CHEM II | Regular | LCLB | DLTA | M | 6:00P - 9:55P | C121 | 4 | 20 | 14 | 1/9 - 4/23 |
|---------------|-----------------|---------|------|------|---|---------------|------|---|----|----|------------|

Note: A <http://www.delta.edu/pages/10924.aspx> Sustainability Related Course

|               |            |         |      |      |   |                |      |   |   |   |            |
|---------------|------------|---------|------|------|---|----------------|------|---|---|---|------------|
| CNC 162-WN510 | CNC THEORY | Regular | LCLB | DLTA | M | 7:55A - 11:55A | L117 | 4 | 6 | 5 | 1/9 - 4/23 |
|---------------|------------|---------|------|------|---|----------------|------|---|---|---|------------|

Class will not meet on April 3 rd.

|               |            |         |      |      |   |               |      |   |   |   |             |
|---------------|------------|---------|------|------|---|---------------|------|---|---|---|-------------|
| CNC 162-WN520 | CNC THEORY | Regular | LCLB | DLTA | T | 5:00P - 8:55P | L117 | 4 | 4 | 2 | 1/10 - 4/24 |
|---------------|------------|---------|------|------|---|---------------|------|---|---|---|-------------|

co listed with skcn162 wn520

Note: Requires permission of instructor

|               |                   |         |      |      |   |                |      |   |   |   |            |
|---------------|-------------------|---------|------|------|---|----------------|------|---|---|---|------------|
| CNC 216-WN510 | CNC MACHINING APP | Regular | LCLB | DLTA | M | 7:55A - 11:55A | L117 | 4 | 3 | 3 | 1/9 - 4/23 |
|---------------|-------------------|---------|------|------|---|----------------|------|---|---|---|------------|

co listed with SKCN-216WN510

|               |                   |         |      |      |   |               |      |   |   |   |             |
|---------------|-------------------|---------|------|------|---|---------------|------|---|---|---|-------------|
| CNC 216-WN520 | CNC MACHINING APP | Regular | LCLB | DLTA | T | 5:00P - 8:55P | L117 | 4 | 3 | 3 | 1/10 - 4/24 |
|---------------|-------------------|---------|------|------|---|---------------|------|---|---|---|-------------|

Global capacity of 12.

Note: Requires permission of instructor

|               |           |         |      |      |   |               |      |   |   |   |             |
|---------------|-----------|---------|------|------|---|---------------|------|---|---|---|-------------|
| CNC 225-WN510 | MASTERCAM | Regular | LCLB | DLTA | M | 5:00P - 8:55P | L117 | 4 | 9 | 6 | 1/16 - 4/30 |
|---------------|-----------|---------|------|------|---|---------------|------|---|---|---|-------------|

global capacity of 10

Note: You must purchase a Basic Computer Tool Kit.

|               |                     |         |      |      |    |                 |      |   |    |    |             |
|---------------|---------------------|---------|------|------|----|-----------------|------|---|----|----|-------------|
| CST 128-WN110 | PC HARDWARE CONCEPT | Regular | LCLB | DLTA | TR | 10:00A - 11:55A | K110 | 4 | 16 | 16 | 1/10 - 4/26 |
|---------------|---------------------|---------|------|------|----|-----------------|------|---|----|----|-------------|

|               |                     |         |      |      |   |               |      |   |    |    |             |
|---------------|---------------------|---------|------|------|---|---------------|------|---|----|----|-------------|
| CST 128-WN120 | PC HARDWARE CONCEPT | Regular | LCLB | DLTA | R | 1:00P - 4:55P | K110 | 4 | 16 | 16 | 1/12 - 4/26 |
|---------------|---------------------|---------|------|------|---|---------------|------|---|----|----|-------------|

|                |                     |         |      |      |    |               |      |   |    |    |             |
|----------------|---------------------|---------|------|------|----|---------------|------|---|----|----|-------------|
| CST 133W-WN105 | CMPUTR COMPETENCIES | Regular | LCLB | DLTA | TR | 9:00A - 9:55A | K116 | 4 | 22 | 23 | 1/10 - 4/26 |
|----------------|---------------------|---------|------|------|----|---------------|------|---|----|----|-------------|

|         |     |      |    |                 |      |   |  |  |  |             |
|---------|-----|------|----|-----------------|------|---|--|--|--|-------------|
| Regular | LN2 | DLTA | TR | 10:00A - 10:55A | K111 | 4 |  |  |  | 1/10 - 4/26 |
|---------|-----|------|----|-----------------|------|---|--|--|--|-------------|

Note: Required software is Office 2010.

|                |                     |         |      |      |    |                |     |   |    |    |            |
|----------------|---------------------|---------|------|------|----|----------------|-----|---|----|----|------------|
| CST 133W-WN110 | CMPUTR COMPETENCIES | Regular | LCLB | DCPL | MW | 9:30A - 11:25A | 117 | 4 | 18 | 19 | 1/9 - 4/25 |
|----------------|---------------------|---------|------|------|----|----------------|-----|---|----|----|------------|

Note: Required software is Office 2010.

|                |                     |         |      |      |   |                 |      |   |    |    |            |
|----------------|---------------------|---------|------|------|---|-----------------|------|---|----|----|------------|
| CST 133W-WN115 | CMPUTR COMPETENCIES | Regular | LCLB | DLTA | M | 10:00A - 11:55A | K116 | 4 | 22 | 21 | 1/9 - 4/25 |
|----------------|---------------------|---------|------|------|---|-----------------|------|---|----|----|------------|

|         |     |      |   |                 |      |   |  |  |  |            |
|---------|-----|------|---|-----------------|------|---|--|--|--|------------|
| Regular | LN2 | DLTA | W | 10:00A - 11:55A | K111 | 4 |  |  |  | 1/9 - 4/25 |
|---------|-----|------|---|-----------------|------|---|--|--|--|------------|

Note: Required software is Office 2010.

|                |                     |         |      |      |   |                 |      |   |    |    |            |
|----------------|---------------------|---------|------|------|---|-----------------|------|---|----|----|------------|
| CST 133W-WN120 | CMPUTR COMPETENCIES | Regular | LCLB | DLTA | M | 10:00A - 11:55A | K111 | 4 | 22 | 20 | 1/9 - 4/25 |
|----------------|---------------------|---------|------|------|---|-----------------|------|---|----|----|------------|

|         |     |      |   |                 |      |   |  |  |  |            |
|---------|-----|------|---|-----------------|------|---|--|--|--|------------|
| Regular | LN2 | DLTA | W | 10:00A - 11:55A | K116 | 4 |  |  |  | 1/9 - 4/25 |
|---------|-----|------|---|-----------------|------|---|--|--|--|------------|

Note: Required software is Office 2010.



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name  | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|---|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| CST 133W-WN125  | CMPUTR COMPETENCIES | Regular     | LCLB      | DLTA     | TR   | 11:00A - 11:55A | K116 | 4            | 22  | 25  | 1/10 - 4/26 |
|   |                     | Regular     | LN2       | DLTA     | TR   | 12:00P - 12:55P | K111 | 4            |     |     | 1/10 - 4/26 |
| Note: Required software is Office 2010.                               |                     |             |           |          |      |                 |      |              |     |     |             |
| CST 133W-WN130  | CMPUTR COMPETENCIES | Regular     | LCLB      | DLTA     | TR   | 1:00P - 1:55P   | K116 | 4            | 18  | 16  | 1/10 - 4/26 |
|   |                     | Regular     | LN2       | DLTA     | TR   | 2:00P - 2:55P   | K107 | 4            |     |     | 1/10 - 4/26 |
| Note: Required software is Office 2010.                               |                     |             |           |          |      |                 |      |              |     |     |             |
| CST 133W-WN135  | CMPUTR COMPETENCIES | Regular     | LCLB      | DLTA     | M    | 12:00P - 1:55P  | K116 | 4            | 22  | 22  | 1/9 - 4/25  |
|   |                     | Regular     | LN2       | DLTA     | W    | 12:00P - 1:55P  | K111 | 4            |     |     | 1/9 - 4/25  |
| Note: Required software is Office 2010.                               |                     |             |           |          |      |                 |      |              |     |     |             |
| CST 133W-WN140  | CMPUTR COMPETENCIES | Regular     | LCLB      | DLTA     | TR   | 2:00P - 2:55P   | K116 | 4            | 22  | 22  | 1/10 - 4/26 |
|   |                     | Regular     | LN2       | DLTA     | TR   | 3:00P - 3:55P   | K111 | 4            |     |     | 1/10 - 4/26 |
| Note: Required software is Office 2010.                               |                     |             |           |          |      |                 |      |              |     |     |             |
| CST 133W-WN145  | CMPUTR COMPETENCIES | Regular     | LCLB      | DLTA     | TR   | 2:00P - 2:55P   | K111 | 4            | 22  | 22  | 1/10 - 4/26 |
|   |                     | Regular     | LN2       | DLTA     | TR   | 3:00P - 3:55P   | K116 | 4            |     |     | 1/10 - 4/26 |
| Note: Required software is Office 2010.                               |                     |             |           |          |      |                 |      |              |     |     |             |
| CST 133W-WN155  | CMPUTR COMPETENCIES | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | A122 | 4            | 20  | 19  | 1/10 - 4/26 |
| Note: This section uses Macintosh computers and Office 2011 for Macs. |                     |             |           |          |      |                 |      |              |     |     |             |
| CST 133W-WN160  | CMPUTR COMPETENCIES | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:55A   | K111 | 4            | 22  | 24  | 1/9 - 4/25  |
| CST 133W-WN165  | CMPUTR COMPETENCIES | Regular     | LCLB      | RICK     | R    | 2:00P - 5:55P   | 141  | 4            | 18  | 17  | 1/12 - 4/26 |
| Note: Required software is Office 2010.                               |                     |             |           |          |      |                 |      |              |     |     |             |
| CST 133W-WN210  | CMPUTR COMPETENCIES | Regular     | LCLB      | DLTA     | T    | 4:00P - 5:55P   | K116 | 4            | 22  | 20  | 1/10 - 4/26 |
|   |                     | Regular     | LN2       | DLTA     | R    | 4:00P - 5:55P   | K111 | 4            |     |     | 1/10 - 4/26 |
| Note: Required software is Office 2010.                               |                     |             |           |          |      |                 |      |              |     |     |             |
| CST 133W-WN220  | CMPUTR COMPETENCIES | Regular     | LCLB      | DCPL     | M    | 5:30P - 9:25P   | 117  | 4            | 18  | 20  | 1/9 - 4/23  |
| Note: Required software is Office 2010.                               |                     |             |           |          |      |                 |      |              |     |     |             |
| CST 133W-WN230  | CMPUTR COMPETENCIES | Regular     | LCLB      | DLTA     | W    | 5:00P - 6:55P   | K116 | 4            | 22  | 21  | 1/11 - 4/25 |
|   |                     | Regular     | LN2       | DLTA     | W    | 7:00P - 8:55P   | K111 | 4            |     |     | 1/11 - 4/25 |
| Note: Required software is Office 2010.                               |                     |             |           |          |      |                 |      |              |     |     |             |
| CST 133W-WN310  | CMPUTR COMPETENCIES | Regular     | LCLB      | DLTA     | T    | 6:00P - 7:55P   | K116 | 4            | 22  | 20  | 1/10 - 4/24 |
|   |                     | Regular     | LN2       | DLTA     | T    | 8:00P - 9:55P   | K111 | 4            |     |     | 1/10 - 4/24 |
| Note: Required software is Office 2010.                               |                     |             |           |          |      |                 |      |              |     |     |             |
| CST 133W-WN320  | CMPUTR COMPETENCIES | Regular     | LCLB      | DLTA     | T    | 6:00P - 7:55P   | K111 | 4            | 22  | 23  | 1/10 - 4/24 |
|   |                     | Regular     | LN2       | DLTA     | T    | 8:00P - 9:55P   | K116 | 4            |     |     | 1/10 - 4/24 |
| Note: Required software is Office 2010.                               |                     |             |           |          |      |                 |      |              |     |     |             |
| CST 133W-WN330  | CMPUTR COMPETENCIES | Regular     | LCLB      | DLTA     | R    | 6:00P - 7:55P   | K111 | 4            | 22  | 23  | 1/12 - 4/26 |
|   |                     | Regular     | LN2       | DLTA     | R    | 8:00P - 9:55P   | K116 | 4            |     |     | 1/12 - 4/26 |
| Note: Required software is Office 2010.                               |                     |             |           |          |      |                 |      |              |     |     |             |
| CST 133W-WN340  | CMPUTR COMPETENCIES | Regular     | LCLB      | DCMC     | W    | 6:00P - 9:55P   | 201  | 4            | 18  | 17  | 1/11 - 4/25 |
| Note: Required software is Office 2010.                               |                     |             |           |          |      |                 |      |              |     |     |             |
| CST 133W-WN410  | CMPUTR COMPETENCIES | Regular     | LCLB      | DLTA     | S    | 12:00P - 3:50P  | K111 | 4            | 22  | 21  | 1/7 - 4/21  |
| Note: Required software is Office 2010.                               |                     |             |           |          |      |                 |      |              |     |     |             |
| CST 180-WN110   | C++ PROGRAMMING     | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | K114 | 4            | 18  | 16  | 1/10 - 4/26 |
| CST 180-WN120   | C++ PROGRAMMING     | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:55A   | K114 | 4            | 18  | 17  | 1/9 - 4/25  |
| CST 228-WN210   | ADV PC TRBLESHT A+  | Regular     | LCLB      | DLTA     | R    | 6:00P - 9:55P   | K110 | 4            | 16  | 16  | 1/12 - 4/26 |
| CST 280-WN110   | ADV C++ PROGRAM     | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | K114 | 4            | 18  | 18  | 1/9 - 4/25  |
| Note: Requires outside assignments.                                   |                     |             |           |          |      |                 |      |              |     |     |             |
| DA 120LW-WN110  | CLINICAL DA LAB II  | Regular     | LCLB      | DLTA     | R    | 1:00P - 4:55P   | F124 | 4            | 9   | 10  | 1/11 - 4/26 |
|   |                     | Regular     | LN2       | DLTA     | W    | 8:00A - 11:55A  | F124 | 4            |     |     | 1/11 - 4/26 |
| DA 120LW-WN120  | CLINICAL DA LAB II  | Regular     | LCLB      | DLTA     | T    | 1:00P - 4:55P   | F124 | 4            | 9   | 10  | 1/9 - 4/24  |
|   |                     | Regular     | LN2       | DLTA     | M    | 8:00A - 11:55A  | F124 | 4            |     |     | 1/9 - 4/24  |
| DA 121W-WN910   | CLINICAL PRACTICE   | Regular     | LCLB      | DLTA     |      | -               | TBA  | 4            | 20  | 20  | 1/9 - 4/27  |
| Note: Mondays are conferences and will meet as necessary.             |                     |             |           |          |      |                 |      |              |     |     |             |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name   | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|----------------|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| DH 125-WN110   | CLINICAL DH I       | Regular     | LCLB      | DLTA     | T    | 8:00A - 11:55A  | F120 | 4            | 18  | 15  | 1/9 - 4/26  |
|                |                     | Regular     | LN2       | DLTA     | R    | 8:00A - 11:55A  | F120 | 4            |     |     | 1/9 - 4/26  |
|                |                     | Regular     | LN3       | DLTA     | M    | 10:30A - 11:25A | F135 | 4            |     |     | 1/9 - 4/26  |
| DMS 106W-WN110 | ULTRASOUND SCANNING | Regular     | LCLB      | DLTA     | M    | 7:15A - 9:15A   | F269 | 4            | 4   | 4   | 1/9 - 4/26  |
|                |                     | Regular     | LCLB      | DLTA     | R    | 11:15A - 1:15P  | F269 | 4            |     |     | 1/9 - 4/26  |
| DMS 106W-WN120 | ULTRASOUND SCANNING | Regular     | LCLB      | DLTA     | M    | 9:15A - 11:15A  | F269 | 4            | 4   | 5   | 1/9 - 4/26  |
|                |                     | Regular     | LN2       | DLTA     | R    | 9:15A - 11:15A  | F269 | 4            |     |     | 1/9 - 4/26  |
| DMS 106W-WN130 | ULTRASOUND SCANNING | Regular     | LCLB      | DLTA     | M    | 11:15A - 1:15P  | F269 | 4            | 4   | 3   | 1/9 - 4/27  |
|                |                     | Regular     | LN2       | DLTA     | R    | 7:15A - 9:15A   | F269 | 4            |     |     | 1/9 - 4/27  |
| ECN 221W-WN105 | PRIN OF MACROECON   | Regular     | LCLB      | DLTA     | TR   | 8:00A - 9:55A   | J136 | 4            | 25  | 25  | 1/10 - 4/26 |
| ECN 221W-WN106 | PRIN OF MACROECON   | Regular     | LCLB      | DCMC     | MW   | 8:30A - 10:25A  | 154  | 4            | 25  | 13  | 1/9 - 4/25  |
| ECN 221W-WN110 | PRIN OF MACROECON   | Regular     | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | E116 | 4            | 25  | 24  | 1/10 - 4/26 |
| ECN 221W-WN120 | PRIN OF MACROECON   | Regular     | LCLB      | RICK     | MW   | 9:30A - 11:25A  | 114  | 4            | 25  | 24  | 1/9 - 4/25  |
| ECN 221W-WN125 | PRIN OF MACROECON   | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | E116 | 4            | 25  | 24  | 1/9 - 4/25  |
| ECN 221W-WN130 | PRIN OF MACROECON   | Regular     | LCLB      | DCPL     | TR   | 10:30A - 12:25P | 217  | 4            | 25  | 15  | 1/10 - 4/26 |
| ECN 221W-WN135 | PRIN OF MACROECON   | Regular     | LCLB      | DLTA     | TR   | 12:00P - 1:55P  | J136 | 4            | 25  | 25  | 1/10 - 4/26 |
| ECN 221W-WN140 | PRIN OF MACROECON   | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | E116 | 4            | 25  | 26  | 1/9 - 4/25  |
| ECN 221W-WN210 | PRIN OF MACROECON   | Regular     | LCLB      | DLTA     | M    | 5:00P - 8:55P   | J139 | 4            | 25  | 26  | 1/9 - 4/23  |
| ECN 221W-WN315 | PRIN OF MACROECON   | Regular     | LCLB      | DCMC     | T    | 6:00P - 9:55P   | 155  | 4            | 25  | 16  | 1/10 - 4/24 |
| ECN 221W-WN320 | PRIN OF MACROECON   | Regular     | LCLB      | DLTA     | W    | 6:00P - 9:55P   | S263 | 4            | 25  | 25  | 1/11 - 4/25 |
| ECN 221W-WN330 | PRIN OF MACROECON   | Regular     | LCLB      | DLTA     | R    | 6:00P - 9:55P   | J139 | 4            | 25  | 27  | 1/12 - 4/26 |
| ECN 222W-WN110 | PRIN OF MICROECON   | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:55A   | E116 | 4            | 25  | 23  | 1/9 - 4/25  |
| ECN 222W-WN120 | PRIN OF MICROECON   | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:55P | E116 | 4            | 25  | 22  | 1/10 - 4/26 |
| ECN 222W-WN130 | PRIN OF MICROECON   | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | S221 | 4            | 25  | 24  | 1/9 - 4/25  |
| ECN 222W-WN210 | PRIN OF MICROECON   | Regular     | LCLB      | DLTA     | TR   | 4:00P - 5:55P   | J134 | 4            | 25  | 25  | 1/10 - 4/26 |
| ECN 222W-WN320 | PRIN OF MICROECON   | Regular     | LCLB      | DLTA     | T    | 6:00P - 9:55P   | J140 | 4            | 25  | 27  | 1/10 - 4/24 |

Note: USB memory device required.

|                |                     |         |      |      |    |                |      |   |    |    |             |
|----------------|---------------------|---------|------|------|----|----------------|------|---|----|----|-------------|
| EGR 166-WN110  | ENGINEERING GRAPHIC | Regular | LCLB | DLTA | T  | 2:00P - 4:55P  | M103 | 4 | 18 | 13 | 1/10 - 4/26 |
|                |                     | Regular | LN2  | DLTA | R  | 2:00P - 4:55P  | L117 | 4 |    |    | 1/10 - 4/26 |
| EMB 155-WN110  | MEDIA PRODUCTION II | Regular | LCLB | DLTA | TR | 8:00A - 10:55A | A122 | 4 | 18 | 15 | 1/10 - 4/26 |
| EMB 255W-WN110 | MEDIA PRODUCTIN III | Regular | LCLB | DLTA | MW | 9:00A - 11:55A | A122 | 4 | 18 | 15 | 1/9 - 4/25  |

Note: EMS110, EMS111, EMS112 and EMS113 must be taken concurrently. Prerequisites can be viewed at <http://www.delta.edu/firesci> Fire Science. Once you have completed prerequisites make appointment with Russ Holtman at (989) 686-9020 for permission to register.

|               |                  |         |      |      |   |               |     |   |    |   |             |
|---------------|------------------|---------|------|------|---|---------------|-----|---|----|---|-------------|
| EMS 110-WN501 | BASIC EMT TECH I | Regular | LCLB | OTHR | T | 6:00P - 9:55P | TBA | 4 | 10 | 5 | 1/10 - 6/19 |
|---------------|------------------|---------|------|------|---|---------------|-----|---|----|---|-------------|

Note: EMS110, EMS111, EMS112 and EMS113 must be taken concurrently. Prerequisites can be viewed at <http://www.delta.edu/tech/fire20science20technology/emt.aspx>. Once you have completed prerequisites make appointment with Russ Holtman at (989) 686-9020 for permission to register.

|               |                  |         |      |      |   |               |     |   |   |    |             |
|---------------|------------------|---------|------|------|---|---------------|-----|---|---|----|-------------|
| EMS 110-WN502 | BASIC EMT TECH I | Regular | LCLB | OTHR | T | 6:00P - 9:55P | TBA | 4 | 0 | 10 | 1/10 - 5/22 |
|---------------|------------------|---------|------|------|---|---------------|-----|---|---|----|-------------|

Note: EMS110, EMS111, EMS112 and EMS113 must be taken concurrently. Prerequisites can be viewed at <http://www.delta.edu/tech/fire20science20technology/emt.aspx>. Once you have completed prerequisites make appointment with Russ Holtman at (989) 686-9020 for permission to register.

|               |                  |         |      |      |   |               |     |   |   |   |            |
|---------------|------------------|---------|------|------|---|---------------|-----|---|---|---|------------|
| EMS 110-WN503 | BASIC EMT TECH I | Regular | LCLB | OTHR | T | 5:00P - 9:55P | TBA | 4 | 0 | 1 | 1/10 - 5/8 |
|---------------|------------------|---------|------|------|---|---------------|-----|---|---|---|------------|

Note: EMS110, EMS111, EMS112 and EMS113 must be taken concurrently. Prerequisites can be viewed at <http://www.delta.edu/tech/fire20science20technology/emt.aspx>. Once you have completed prerequisites make appointment with Russ Holtman at (989) 686-9020 for permission to register.

|               |                  |         |      |      |   |               |     |   |   |   |            |
|---------------|------------------|---------|------|------|---|---------------|-----|---|---|---|------------|
| EMS 110-WN504 | BASIC EMT TECH I | Regular | LCLB | OTHR | T | 9:00A - 2:00P | TBA | 4 | 0 | 5 | 1/10 - 5/8 |
|---------------|------------------|---------|------|------|---|---------------|-----|---|---|---|------------|

Note: EMS110, EMS111, EMS112 and EMS113 must be taken concurrently. Prerequisites can be viewed at <http://www.delta.edu/firesci> Fire Science. Once you have completed prerequisites make appointment with Russ Holtman at (989) 686-9020 for permission to register.

Note: EMS110, EMS111, EMS112 and EMS113 must be taken concurrently. Prerequisites can be viewed at <http://www.delta.edu/firesci> Fire Science. Once you have completed prerequisites make appointment with Russ Holtman at (989) 686-9020 for permission to register.

|               |                  |         |      |      |   |                |     |   |   |   |             |
|---------------|------------------|---------|------|------|---|----------------|-----|---|---|---|-------------|
| EMS 111-WN501 | BASIC EMT TECH 2 | Regular | LCLB | OTHR | R | 6:00P - 10:00P | TBA | 4 | 0 | 5 | 1/12 - 6/14 |
|---------------|------------------|---------|------|------|---|----------------|-----|---|---|---|-------------|

Note: EMS110, EMS111, EMS112 and EMS113 must be taken concurrently. Prerequisites can be viewed at <http://www.delta.edu/tech/fire20science20technology/emt.aspx>. Once you have completed prerequisites make appointment with Russ Holtman at (989) 686-9020 for permission to register.

|               |                  |         |      |      |   |               |     |   |   |    |            |
|---------------|------------------|---------|------|------|---|---------------|-----|---|---|----|------------|
| EMS 111-WN502 | BASIC EMT TECH 2 | Regular | LCLB | OTHR | R | 6:00P - 9:55P | TBA | 4 | 0 | 10 | 1/5 - 5/24 |
|---------------|------------------|---------|------|------|---|---------------|-----|---|---|----|------------|

Note: EMS110, EMS111, EMS112 and EMS113 must be taken concurrently. Prerequisites can be viewed at <http://www.delta.edu/tech/fire20science20technology/emt.aspx>. Once you have completed prerequisites make appointment with Russ Holtman at (989) 686-9020 for permission to register.



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name  | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|---|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| EMS 111-WN503   | BASIC EMT TECH 2    | Regular     | LCLB      | OTHR     | R    | 5:00P - 9:55P   | TBA  | 4            | 0   | 1   | 1/12 - 5/3  |
| Note: EMS110, EMS111, EMS112 and EMS113 must be taken concurrently. Prerequisites can be viewed at <a href="http://www.delta.edu/tech/fire20science20technology/emt.aspx">http://www.delta.edu/tech/fire20science20technology/emt.aspx</a> . Once you have completed prerequisites make appointment with Russ Holtman at (989) 686-9020 for permission to register. |                     |             |           |          |      |                 |      |              |     |     |             |
| EMS 111-WN504   | BASIC EMT TECH 2    | Regular     | LCLB      | OTHR     | R    | 9:00A - 2:00P   | TBA  | 4            | 0   | 5   | 1/12 - 5/3  |
| Note: EMS110, EMS111, EMS112 and EMS113 must be taken concurrently. Prerequisites can be viewed at <a href="http://www.delta.edu/firesci">http://www.delta.edu/firesci</a> Fire Science. Once you have completed prerequisites make appointment with Russ Holtman at (989) 686-9020 for permission to register.   |                     |             |           |          |      |                 |      |              |     |     |             |
| ENG 090-WN105   | INTRO ACAD WRITING  | Regular     | WKP       | DLTA     | MW   | 8:00A - 8:25A   | S058 | 4            | 15  | 15  | 1/9 - 4/25  |
|   |                     | Regular     | LN2       | DLTA     | MW   | 8:30A - 10:25A  | S058 | 4            |     |     | 1/9 - 4/25  |
| ENG 090-WN110   | INTRO ACAD WRITING  | Regular     | WKP       | DLTA     | TR   | 8:30A - 8:55A   | N210 | 4            | 15  | 12  | 1/10 - 4/26 |
|   |                     | Regular     | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | N210 | 4            |     |     | 1/10 - 4/26 |
| ENG 090-WN120   | INTRO ACAD WRITING  | Regular     | WKP       | DLTA     | TR   | 8:30A - 8:55A   | A121 | 4            | 15  | 15  | 1/10 - 4/26 |
|   |                     | Regular     | LN2       | DLTA     | TR   | 9:00A - 10:55A  | A121 | 4            |     |     | 1/10 - 4/26 |
| ENG 090-WN130   | INTRO ACAD WRITING  | Regular     | WKP       | RICK     | TR   | 2:00P - 2:25P   | 113  | 4            | 15  | 17  | 1/10 - 4/26 |
|   |                     | Regular     | LCLB      | RICK     | TR   | 2:30P - 4:25P   | 113  | 4            |     |     | 1/10 - 4/26 |
| ENG 090-WN133   | INTRO ACAD WRITING  | Regular     | LCLB      | RICK     | TR   | 2:00P - 2:25P   | 114  | 4            | 15  | 13  | 1/10 - 4/26 |
|   |                     | Regular     | LN2       | RICK     | TR   | 2:30P - 4:25P   | 114  | 4            |     |     | 1/10 - 4/26 |
| ENG 090-WN135   | INTRO ACAD WRITING  | Regular     | WKP       | RICK     | TR   | 9:30A - 9:55A   | 111  | 4            | 15  | 16  | 1/10 - 4/26 |
|   |                     | Regular     | LCLB      | RICK     | TR   | 10:00A - 11:55A | 111  | 4            |     |     | 1/10 - 4/26 |
| ENG 090-WN138   | INTRO ACAD WRITING  | Regular     | LCLB      | DLTA     | MW   | 9:30A - 11:25A  | S057 | 4            | 15  | 16  | 1/9 - 4/25  |
|   |                     | Regular     | WKP       | DLTA     | MW   | 11:30A - 11:55A | S057 | 4            |     |     | 1/9 - 4/25  |
| ENG 090-WN140   | INTRO ACAD WRITING  | Regular     | WKP       | DLTA     | TR   | 11:30A - 11:55A | S057 | 4            | 15  | 16  | 1/10 - 4/26 |
|   |                     | Regular     | LN2       | DLTA     | TR   | 12:00P - 1:55P  | S057 | 4            |     |     | 1/10 - 4/26 |
| ENG 090-WN142   | INTRO ACAD WRITING  | Regular     | WKP       | DLTA     | TR   | 11:30A - 11:55A | S055 | 4            | 15  | 15  | 1/10 - 4/26 |
|   |                     | Regular     | LN2       | DLTA     | TR   | 12:00P - 1:00P  | S055 | 4            |     |     | 1/10 - 4/26 |
|   |                     | Regular     | LCLB      | DLTA     | TR   | 1:00P - 1:55P   | K111 | 4            |     |     | 1/10 - 4/26 |
| ENG 090-WN145   | INTRO ACAD WRITING  | Regular     | WKP       | DLTA     | TR   | 2:00P - 2:25P   | S056 | 4            | 15  | 15  | 1/10 - 4/26 |
|   |                     | Regular     | LN2       | DLTA     | TR   | 2:30P - 4:25P   | S056 | 4            |     |     | 1/10 - 4/26 |
| ENG 090-WN147   | INTRO ACAD WRITING  | Regular     | LCLB      | DLTA     | TR   | 2:30P - 4:25P   | S054 | 4            | 15  | 15  | 1/10 - 4/26 |
|   |                     | Regular     | WKP       | DLTA     | TR   | 2:00P - 2:25P   | S054 | 4            |     |     | 1/10 - 4/26 |
| ENG 090-WN149   | INTRO ACAD WRITING  | Regular     | WKP       | DCMC     | TR   | 2:00P - 2:25P   | 154  | 4            | 15  | 15  | 1/10 - 4/26 |
|   |                     | Regular     | LCLB      | DCMC     | TR   | 2:30P - 4:25P   | 154  | 4            |     |     | 1/10 - 4/26 |
| ENG 090-WN150   | INTRO ACAD WRITING  | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:55P | G163 | 4            | 15  | 14  | 1/10 - 4/26 |
|   |                     | Regular     | WKP       | DLTA     | TR   | 1:00P - 1:25P   | G163 | 4            |     |     | 1/10 - 4/26 |
| ENG 090-WN210   | INTRO ACAD WRITING  | Regular     | WKP       | DLTA     | TR   | 5:30P - 5:55P   | S034 | 4            | 15  | 15  | 1/10 - 4/26 |
|   |                     | Regular     | LN2       | DLTA     | TR   | 6:00P - 7:55P   | S034 | 4            |     |     | 1/10 - 4/26 |
| ENG 093W-WN120  | READING & VOCAB DEV | Regular     | LCLB      | DLTA     | TR   | 8:00A - 9:55A   | S059 | 4            | 15  | 13  | 1/10 - 4/26 |
| Course Theme: "Effective Living."   |                     |             |           |          |      |                 |      |              |     |     |             |
| ENG 093W-WN125  | READING & VOCAB DEV | Regular     | LCLB      | DLTA     | TR   | 8:00A - 9:55A   | S057 | 4            | 18  | 12  | 1/10 - 4/26 |
| ENG 093W-WN135  | READING & VOCAB DEV | Regular     | LCLB      | DLTA     | TR   | 12:00P - 1:55P  | A121 | 4            | 15  | 13  | 1/10 - 4/26 |
| ENG 093W-WN140  | READING & VOCAB DEV | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | S055 | 4            | 15  | 15  | 1/9 - 4/25  |
| ENG 093W-WN145  | READING & VOCAB DEV | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | S056 | 4            | 15  | 14  | 1/9 - 4/25  |
| Course Theme: "Effective Living."   |                     |             |           |          |      |                 |      |              |     |     |             |
| ENG 093W-WN150  | READING & VOCAB DEV | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | S056 | 4            | 15  | 16  | 1/9 - 4/25  |
| Course Theme: "Effective Living."   |                     |             |           |          |      |                 |      |              |     |     |             |
| ENG 093W-WN155  | READING & VOCAB DEV | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:55P | G164 | 4            | 15  | 15  | 1/10 - 4/26 |
| ENG 093W-WN160  | READING & VOCAB DEV | Regular     | LCLB      | DLTA     | TR   | 12:00P - 1:55P  | S056 | 4            | 15  | 13  | 1/10 - 4/26 |
| ENG 093W-WN170  | READING & VOCAB DEV | Regular     | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | S058 | 4            | 15  | 14  | 1/10 - 4/26 |
| ENG 093W-WN210  | READING & VOCAB DEV | Regular     | LCLB      | DLTA     | TR   | 4:00P - 5:55P   | S037 | 4            | 15  | 13  | 1/10 - 4/26 |
| ENG 093W-WN230  | READING & VOCAB DEV | Regular     | LCLB      | RICK     | TR   | 4:00P - 5:55P   | 111  | 4            | 14  | 14  | 1/10 - 4/26 |
| ENG 093W-WN310  | READING & VOCAB DEV | Regular     | LCLB      | DLTA     | MW   | 7:00P - 8:55P   | S035 | 4            | 15  | 15  | 1/9 - 4/25  |
| ENG 093W-WN320  | READING & VOCAB DEV | Regular     | LCLB      | RICK     | TR   | 4:00P - 5:55P   | 112  | 4            | 15  | 15  | 1/10 - 4/26 |
| ENG 093W-WN630  | READING & VOCAB DEV | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:55P | S040 | 4            | 15  | 12  | 1/10 - 4/26 |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name  | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|---|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| <p><b>&lt;font color="#ff0000"&gt;&lt;b&gt;***Learning Community Course. Must also enroll in ENG 098 WN630.*** &lt;/b&gt;&lt;/font&gt;</b> For more information about learning communities, visit <a href="http://www.delta.edu/learningcommunities.aspx">http://www.delta.edu/learningcommunities.aspx</a> Learning Communities or contact <a href="mailto:ajcolenb@delta.edu">ajcolenb@delta.edu</a> Drew Colenbrander Course Theme: "Power and Success."</p> <p><u>Note: Instructor may use out of class testing at the Academic Testing Center for all exams. Computer with Internet access required with some assignments.</u></p> |                     |             |           |          |      |                 |      |              |     |     |             |
| FR 111-WN110  | FRENCH ONE          | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | S060 | 4            | 18  | 16  | 1/9 - 4/25  |
| FR 111-WN120  | FRENCH ONE          | Regular     | LCLB      | DLTA     | TR   | 12:00P - 1:55P  | S266 | 4            | 18  | 16  | 1/10 - 4/26 |
| FR 111-WN310  | FRENCH ONE          | Regular     | LCLB      | DLTA     | MW   | 7:00P - 8:55P   | G164 | 4            | 18  | 15  | 1/9 - 4/25  |
| <p><u>Note: Instructor may use out of class testing at the Academic Testing Center for all exams. Computer with Internet access required with some assignments.</u></p>   |                     |             |           |          |      |                 |      |              |     |     |             |
| FR 112-WN110  | FRENCH TWO          | Regular     | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | S266 | 4            | 18  | 9   | 1/10 - 4/26 |
| FR 112-WN210  | FRENCH TWO          | Regular     | LCLB      | DLTA     | MW   | 5:00P - 6:55P   | G164 | 4            | 18  | 12  | 1/9 - 4/25  |
| <p><u>Note: FST111, FST112 and FST211 must be enrolled in concurrently. Students need to complete a physical exam and may not be a convicted felon. Must receive instructor's permission to register. Call Russell Holtman at (989) 686-9020 for appointment.</u></p>   |                     |             |           |          |      |                 |      |              |     |     |             |
| FST 211-WN410   | FIRE FIGHTER II     | Regular     | LCLB      | OTHR     | S    | 8:00A - 11:50A  | TBA  | 4            | 20  | 5   | 2/25 - 6/16 |
|   |                     | Regular     | LCLB      | OTHR     |      | 12:00P - 3:50P  |      | 4            |     |     | 2/25 - 6/16 |
| <p><u>Instructor may use out of class testing at the Testing Center for all Exams. Computer with Internet access may be required for some assignments.</u></p>  |                     |             |           |          |      |                 |      |              |     |     |             |
| GE 111-WN110  | GERMAN ONE          | Regular     | LCLB      | DLTA     | TR   | 1:00P - 2:55P   | S261 | 4            | 18  | 16  | 1/10 - 4/26 |
| GEO 103W-WN110  | INTRO METEOROLOGY   | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | N206 | 4            | 25  | 24  | 1/10 - 4/26 |
| GEO 111-WN110   | PHYSICAL GEOGRAPHY  | Regular     | LCLB      | DLTA     | T    | 9:00A - 10:55A  | E110 | 4            | 25  | 22  | 1/10 - 4/26 |
|   |                     | Regular     | LN2       | DLTA     | R    | 9:00A - 10:55A  | E110 | 4            |     |     | 1/10 - 4/26 |
| <p><u>Note: Will require one (1) hour of additional independent labwork each week. Scheduling will be done the first day of class. Students will be required to do computer work using the D2L Learning Management System.</u></p>  |                     |             |           |          |      |                 |      |              |     |     |             |
| GEO 111-WN120   | PHYSICAL GEOGRAPHY  | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | E110 | 4            | 25  | 24  | 1/9 - 4/25  |
| <p><u>Note: Will require one (1) hour of additional independent lab work each week. Scheduling will be done the first day of class. Students will be required to do computer work using the D2L Learning Management System.</u></p>   |                     |             |           |          |      |                 |      |              |     |     |             |
| GEO 111-WN130   | PHYSICAL GEOGRAPHY  | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | E110 | 4            | 25  | 26  | 1/9 - 4/25  |
| <p><u>Note: Will require one (1) hour of additional independent lab work each week. Scheduling will be done the first day of class. Students will be required to do computer work using the D2L Learning Management System.</u></p>   |                     |             |           |          |      |                 |      |              |     |     |             |
| GEO 111-WN140   | PHYSICAL GEOGRAPHY  | Regular     | LCLB      | DLTA     | T    | 12:00P - 1:55P  | E110 | 4            | 25  | 20  | 1/10 - 4/26 |
|   |                     | Regular     | LN2       | DLTA     | R    | 12:00P - 1:55P  | E110 | 4            |     |     | 1/10 - 4/26 |
| <p><u>Note: Will require one (1) hour of additional independent labwork each week. Scheduling will be done the first day of class. Students will be required to do computer work using the D2L Learning Management System.</u></p>  |                     |             |           |          |      |                 |      |              |     |     |             |
| GEO 111-WN310   | PHYSICAL GEOGRAPHY  | Regular     | LCLB      | DCMC     | W    | 6:00P - 9:55P   | 204  | 4            | 25  | 19  | 1/11 - 4/25 |
| <p><u>Note: Will require one (1) hour of additional independent labwork each week. Scheduling will be done the first day of class.</u></p>  |                     |             |           |          |      |                 |      |              |     |     |             |
| GEO 113W-WN120  | WORLD CULTURE GEOGR | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:55P | E112 | 4            | 25  | 22  | 1/10 - 4/26 |
| GEO 113W-WN130  | WORLD CULTURE GEOGR | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | E112 | 4            | 25  | 24  | 1/10 - 4/26 |
| GEO 113W-WN310  | WORLD CULTURE GEOGR | Regular     | LCLB      | DCMC     | T    | 6:00P - 9:55P   | 104  | 4            | 25  | 21  | 1/10 - 4/24 |
| GLG 111-WN110   | PHYSICAL GEOLOGY    | Regular     | LCLB      | DLTA     | T    | 8:30A - 10:55A  | E113 | 4            | 25  | 22  | 1/10 - 4/26 |
|   |                     | Regular     | LN2       | DLTA     | R    | 8:30A - 10:55A  | E112 | 4            |     |     | 1/10 - 4/26 |
| GLG 111-WN120   | PHYSICAL GEOLOGY    | Regular     | LCLB      | DLTA     | M    | 8:00A - 10:55A  | E113 | 4            | 25  | 26  | 1/9 - 4/25  |
|   |                     | Regular     | LN2       | DLTA     | W    | 8:00A - 9:55A   | E112 | 4            |     |     | 1/9 - 4/25  |
| GLG 111-WN130   | PHYSICAL GEOLOGY    | Regular     | LCLB      | DLTA     | M    | 10:00A - 11:55A | E112 | 4            | 25  | 25  | 1/9 - 4/25  |
|   |                     | Regular     | LN2       | DLTA     | W    | 9:00A - 11:55A  | E113 | 4            |     |     | 1/9 - 4/25  |
| GLG 111-WN140   | PHYSICAL GEOLOGY    | Regular     | LCLB      | DLTA     | T    | 11:00A - 12:55P | E114 | 4            | 25  | 25  | 1/10 - 4/26 |
|   |                     | Regular     | LN2       | DLTA     | R    | 11:00A - 1:55P  | E113 | 4            |     |     | 1/10 - 4/26 |
| GLG 111-WN150   | PHYSICAL GEOLOGY    | Regular     | LCLB      | DLTA     | T    | 11:00A - 1:25P  | E113 | 4            | 25  | 28  | 1/10 - 4/26 |
|   |                     | Regular     | LN2       | DLTA     | R    | 11:00A - 1:25P  | E114 | 4            |     |     | 1/10 - 4/26 |
| GLG 111-WN160   | PHYSICAL GEOLOGY    | Regular     | LCLB      | DLTA     | TR   | 2:00P - 4:25P   | E113 | 4            | 25  | 27  | 1/10 - 4/26 |
| GLG 111-WN170   | PHYSICAL GEOLOGY    | Regular     | LCLB      | DLTA     | M    | 12:00P - 2:25P  | E113 | 4            | 25  | 25  | 1/9 - 4/25  |
|   |                     | Regular     | LN2       | DLTA     | W    | 12:00P - 2:25P  | E112 | 4            |     |     | 1/9 - 4/25  |
| GLG 112-WN110   | EVOLUTION OF EARTH  | Regular     | LCLB      | DLTA     | M    | 12:30P - 1:55P  | E112 | 4            | 24  | 14  | 1/9 - 4/27  |
|   |                     | Regular     | LCLB      | DLTA     | F    | 12:00P - 1:55P  | E113 | 4            |     |     | 1/9 - 4/27  |
|   |                     | Regular     | LN2       | DLTA     | W    | 12:30P - 1:55P  | E113 | 4            |     |     | 1/9 - 4/27  |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name   | Title                | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|--|----------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| GLG 118-WN310  | GEOLOGY & DINOSAURS  | Regular     | LCLB      | DLTA     | M    | 6:00P - 8:25P   | E112 | 4            | 22  | 21  | 1/9 - 4/25  |
|  |                      | Regular     | LN2       | DLTA     | W    | 6:00P - 8:25P   | E113 | 4            |     |     | 1/9 - 4/25  |
| HIS 111HW-WN651  | HNRS EARLY WEST CIV  | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | S125 | 4            | 38  | 22  | 1/10 - 4/26 |
| Note: Must qualify for Honors. Contact 686-9091, www.delta.edu/honors. Learning Community Course. Must also register for ENG 112H-WN651. For information about learning communities, visit <a href="http://www.delta.edu/learningcommunities.aspx">http://www.delta.edu/learningcommunities.aspx</a> . Out-of-class testing. |                      |             |           |          |      |                 |      |              |     |     |             |
| HIS 111W-WN110   | SURVY EARLY WEST CIV | Regular     | LCLB      | DCMC     | TR   | 9:00A - 10:55A  | 156  | 4            | 25  | 23  | 1/10 - 4/26 |
| HIS 111W-WN120   | SURVY EARLY WEST CIV | Regular     | LCLB      | DLTA     | WF   | 10:00A - 11:55A | J134 | 4            | 25  | 25  | 1/11 - 4/27 |
| HIS 111W-WN130   | SURVY EARLY WEST CIV | Regular     | LCLB      | DLTA     | TR   | 12:00P - 1:55P  | J141 | 4            | 25  | 24  | 1/10 - 4/26 |
| HIS 111W-WN210   | SURVY EARLY WEST CIV | Regular     | LCLB      | DLTA     | TR   | 4:00P - 5:55P   | J133 | 4            | 25  | 28  | 1/10 - 4/26 |
| HIS 111W-WN650   | SURVY EARLY WEST CIV | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | S125 | 4            | 38  | 4   | 1/10 - 4/26 |
| Learning Community Course. Must also register for ENG 112 WN650. For information about learning communities, visit <a href="http://www.delta.edu/learningcommunities.aspx">http://www.delta.edu/learningcommunities.aspx</a> . Out-of-class testing.   |                      |             |           |          |      |                 |      |              |     |     |             |
| Note: Does not have HIS 111W as a prerequisite.  |                      |             |           |          |      |                 |      |              |     |     |             |
| HIS 112W-WN110   | SURVEY LATR WEST CIV | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | S221 | 4            | 25  | 28  | 1/9 - 4/25  |
| Note: Out-of-class testing.  |                      |             |           |          |      |                 |      |              |     |     |             |
| HIS 112W-WN210   | SURVEY LATR WEST CIV | Regular     | LCLB      | DLTA     | MW   | 5:00P - 6:55P   | J133 | 4            | 25  | 26  | 1/9 - 4/25  |
| HIS 112W-WN410   | SURVEY LATR WEST CIV | Regular     | LCLB      | DLTA     | S    | 9:00A - 12:55P  | A213 | 4            | 25  | 24  | 1/7 - 4/21  |
| LWT 240-WN110  | HEALTH FITNESS INST  | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | P110 | 4            | 15  | 10  | 1/9 - 4/25  |
| LWT 251-WN210  | EXERCISE PHYSIOLOGY  | Regular     | LCLB      | DLTA     | W    | 5:00P - 8:55P   | P110 | 4            | 15  | 14  | 1/11 - 4/25 |
| MS 181W-WN510  | MACHINE TOOLS 1      | Regular     | LCLB      | DLTA     | TR   | 7:55A - 9:25A   | L114 | 4            | 6   | 7   | 1/10 - 4/26 |
|  |                      | Regular     | LCLB      | DLTA     | TR   | 9:30A - 10:55A  | L125 | 4            |     |     | 1/10 - 4/26 |
| This class does not meet April 2nd and April 4th   |                      |             |           |          |      |                 |      |              |     |     |             |
| MS 182-WN510   | MACHINE TOOLS II     | Regular     | LCLB      | DLTA     | TR   | 7:55A - 9:25A   | L125 | 4            | 2   | 0   | 1/10 - 4/26 |
|  |                      | Regular     | LN2       | DLTA     | TR   | 9:30A - 10:55A  | L114 | 4            |     |     | 1/10 - 4/26 |
| This class does not meet April 2nd and April 4th   |                      |             |           |          |      |                 |      |              |     |     |             |
| Note: A graphing calculator is required. A TI-83/84 family calculator is recommended.  |                      |             |           |          |      |                 |      |              |     |     |             |
| MTH 118W-WN110   | MATH EXPLOR          | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | A207 | 4            | 28  | 12  | 1/10 - 4/26 |
| Note: May be out of class testing in Delta's Testing Center.   |                      |             |           |          |      |                 |      |              |     |     |             |
| Note: For students that received a C or better in prerequisite course, MTH 097. Graphing calculator required. TI 83/84 family calculator recommended.  |                      |             |           |          |      |                 |      |              |     |     |             |
| MTH 119AW-WN110  | INT ALG EXTEND HRS   | Regular     | LCLB      | DLTA     | MWF  | 10:00A - 11:55A | A203 | 4            | 22  | 29  | 1/9 - 4/27  |
| MTH 119AW-WN120  | INT ALG EXTEND HRS   | Regular     | LCLB      | DLTA     | MWF  | 12:00P - 1:55P  | A204 | 4            | 22  | 27  | 1/9 - 4/27  |
| MTH 119AW-WN125  | INT ALG EXTEND HRS   | Regular     | LCLB      | DLTA     | MTR  | 2:00P - 3:55P   | A203 | 4            | 22  | 23  | 1/9 - 4/26  |
| MTH 119AW-WN205  | INT ALG EXTEND HRS   | Regular     | LCLB      | DLTA     | MWR  | 3:00P - 4:55P   | M105 | 4            | 22  | 21  | 1/9 - 4/26  |
| MTH 119AW-WN210  | INT ALG EXTEND HRS   | Regular     | LCLB      | DLTA     | MTR  | 3:00P - 4:55P   | A204 | 4            | 22  | 19  | 1/9 - 4/26  |
| MTH 119AW-WN310  | INT ALG EXTEND HRS   | Regular     | LCLB      | DLTA     | MWR  | 6:00P - 7:55P   | A206 | 4            | 22  | 19  | 1/9 - 4/26  |
| Note: For students that received a B- or better in the prerequisite course, MTH 097. A graphing calculator is required. A TI-83/84 family calculator is recommended.   |                      |             |           |          |      |                 |      |              |     |     |             |
| MTH 119W-WN105   | INTERMED ALGEBRA     | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:55A   | A203 | 4            | 28  | 27  | 1/9 - 4/25  |
| MTH 119W-WN115   | INTERMED ALGEBRA     | Regular     | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | A206 | 4            | 28  | 27  | 1/10 - 4/26 |
| MTH 119W-WN120   | INTERMED ALGEBRA     | Regular     | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | A208 | 4            | 28  | 25  | 1/10 - 4/26 |
| Note: Computer aided homework section. May be out of class testing in the Academic Testing Center.   |                      |             |           |          |      |                 |      |              |     |     |             |
| MTH 119W-WN125   | INTERMED ALGEBRA     | Regular     | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | A213 | 4            | 28  | 29  | 1/10 - 4/26 |
| Note: Computer aided homework section.   |                      |             |           |          |      |                 |      |              |     |     |             |
| MTH 119W-WN127   | INTERMED ALGEBRA     | Regular     | LCLB      | DCMC     | MW   | 9:30A - 11:25A  | 203  | 4            | 28  | 17  | 1/9 - 4/25  |
| Note: Computer aided homework section.   |                      |             |           |          |      |                 |      |              |     |     |             |
| MTH 119W-WN130   | INTERMED ALGEBRA     | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | A208 | 4            | 28  | 27  | 1/9 - 4/25  |
| Note: A Sustainability Related Course. Out of class testing may be used in the Academic Testing Center.  |                      |             |           |          |      |                 |      |              |     |     |             |
| MTH 119W-WN135   | INTERMED ALGEBRA     | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | A206 | 4            | 28  | 29  | 1/9 - 4/25  |
| MTH 119W-WN140   | INTERMED ALGEBRA     | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:55P | A203 | 4            | 28  | 28  | 1/10 - 4/26 |
| Note: A Sustainability Related Course.   |                      |             |           |          |      |                 |      |              |     |     |             |
| MTH 119W-WN145   | INTERMED ALGEBRA     | Regular     | LCLB      | RICK     | TR   | 11:30A - 1:25P  | 113  | 4            | 28  | 22  | 1/10 - 4/26 |
| MTH 119W-WN150   | INTERMED ALGEBRA     | Regular     | LCLB      | DLTA     | TR   | 12:00P - 1:55P  | A204 | 4            | 28  | 29  | 1/10 - 4/26 |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name   | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|--|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| MTH 119W-WN155   | INTERMED ALGEBRA    | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | A206 | 4            | 28  | 29  | 1/9 - 4/25  |
| Note: SEE INSTRUCTOR regarding textbook. Contact the <ahref=mailto:maryroberson@delta.edu>instructor</a>   |                     |             |           |          |      |                 |      |              |     |     |             |
| MTH 119W-WN156   | INTERMED ALGEBRA    | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | A207 | 4            | 32  | 28  | 1/9 - 4/25  |
| MTH 119W-WN160   | INTERMED ALGEBRA    | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | A208 | 4            | 28  | 24  | 1/9 - 4/25  |
| Note: Computer aided homework section. Out of class testing in the Academic Testing Center.  |                     |             |           |          |      |                 |      |              |     |     |             |
| MTH 119W-WN165   | INTERMED ALGEBRA    | Regular     | LCLB      | DLTA     | TR   | 2:30P - 4:25P   | A206 | 4            | 28  | 31  | 1/10 - 4/26 |
| Note: Computer Aided Homework Session. Out of class testing in Academic Testing Center.  |                     |             |           |          |      |                 |      |              |     |     |             |
| MTH 119W-WN210   | INTERMED ALGEBRA    | Regular     | LCLB      | DLTA     | MW   | 3:00P - 4:55P   | A206 | 4            | 28  | 27  | 1/9 - 4/25  |
| MTH 119W-WN220   | INTERMED ALGEBRA    | Regular     | LCLB      | DLTA     | TR   | 6:00P - 7:55P   | A203 | 4            | 28  | 23  | 1/10 - 4/26 |
| MTH 119W-WN310   | INTERMED ALGEBRA    | Regular     | LCLB      | DLTA     | MW   | 5:00P - 6:55P   | A203 | 4            | 28  | 24  | 1/9 - 4/25  |
| Note: Computer Aided Homework Section  |                     |             |           |          |      |                 |      |              |     |     |             |
| MTH 119W-WN320   | INTERMED ALGEBRA    | Regular     | LCLB      | DCPL     | TR   | 6:30P - 8:25P   | 212  | 4            | 28  | 23  | 1/10 - 4/26 |
| MTH 119W-WN410   | INTERMED ALGEBRA    | Regular     | LCLB      | DLTA     | S    | 9:00A - 12:55P  | A203 | 4            | 28  | 18  | 1/7 - 4/21  |
| Note: A graphing calculator is required. A TI-83/84 family calculator is recommended.  |                     |             |           |          |      |                 |      |              |     |     |             |
| MTH 122W-WN105   | COLLEGE ALGEBRA     | Regular     | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | A205 | 4            | 28  | 17  | 1/10 - 4/26 |
| Note: Computer aided homework section. May be out of classtesting in the Academic Testing Center.  |                     |             |           |          |      |                 |      |              |     |     |             |
| MTH 122W-WN110   | COLLEGE ALGEBRA     | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | J133 | 4            | 28  | 25  | 1/9 - 4/25  |
| Note: Computer aided homework section.   |                     |             |           |          |      |                 |      |              |     |     |             |
| MTH 122W-WN115   | COLLEGE ALGEBRA     | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | J137 | 4            | 28  | 24  | 1/9 - 4/25  |
| MTH 122W-WN210   | COLLEGE ALGEBRA     | Regular     | LCLB      | DLTA     | TR   | 6:00P - 7:55P   | A208 | 4            | 28  | 25  | 1/10 - 4/26 |
| Note: A graphing calculator is required. A TI-83/84 family calculator or TI-89 or nSpire CAS is recommended.   |                     |             |           |          |      |                 |      |              |     |     |             |
| MTH 151-WN110  | PRE-CALCULUS        | Regular     | LCLB      | DLTA     | MW   | 8:00A - 9:55A   | A213 | 4            | 28  | 13  | 1/9 - 4/25  |
| MTH 151-WN120  | PRE-CALCULUS        | Regular     | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | A207 | 4            | 28  | 10  | 1/10 - 4/26 |
| MTH 151-WN130  | PRE-CALCULUS        | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | A205 | 4            | 28  | 10  | 1/9 - 4/25  |
| Note: Computer Aided Homework section. May be out of classtesting in the Academic Testing Center.  |                     |             |           |          |      |                 |      |              |     |     |             |
| MTH 151-WN140  | PRE-CALCULUS        | Regular     | LCLB      | DLTA     | TR   | 12:00P - 1:55P  | J135 | 4            | 28  | 24  | 1/10 - 4/26 |
| Note: Computer Aided Homework Section. Out of class testing in the Academic Testing Center.  |                     |             |           |          |      |                 |      |              |     |     |             |
| MTH 151-WN210  | PRE-CALCULUS        | Regular     | LCLB      | DLTA     | TR   | 4:00P - 5:55P   | A203 | 4            | 28  | 28  | 1/10 - 4/26 |
| Note: A graphing calculator is required. A TI-83/84 family calculator is recommended.  |                     |             |           |          |      |                 |      |              |     |     |             |
| MTH 160-WN110  | CALC SOC & MGR SCI  | Regular     | LCLB      | DLTA     | MW   | 2:00P - 3:55P   | A209 | 4            | 28  | 17  | 1/9 - 4/25  |
| MTH 160-WN120  | CALC SOC & MGR SCI  | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | A205 | 4            | 28  | 17  | 1/10 - 4/26 |
| Note: Computer aided homework section. Out of class testing in the Academic Testing Center.  |                     |             |           |          |      |                 |      |              |     |     |             |
| A graphing calculator is required. A TI-89 or nSpire CAS is recommended if you are taking higher math classes. Please refer to the Graphing Calculator web page at <a href="http://www3.delta.edu/math/">Math Division</a> |                     |             |           |          |      |                 |      |              |     |     |             |
| MTH 161-WN110  | ANL GEOM & CALC I   | Regular     | LCLB      | DLTA     | TR   | 9:00A - 10:55A  | J133 | 4            | 28  | 30  | 1/10 - 4/26 |
| Note: Computer Aided Homework Section.   |                     |             |           |          |      |                 |      |              |     |     |             |
| MTH 161-WN120  | ANL GEOM & CALC I   | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | J133 | 4            | 28  | 17  | 1/9 - 4/25  |
| MTH 161-WN130  | ANL GEOM & CALC I   | Regular     | LCLB      | DLTA     | TR   | 12:00P - 1:55P  | J134 | 4            | 28  | 32  | 1/10 - 4/26 |
| Note: Computer aided homework section.   |                     |             |           |          |      |                 |      |              |     |     |             |
| Note: A TI-89 or nSpire CAS graphing calculator is required. Please refer to the Graphing Calculator web page at <a href="http://www3.delta.edu/math/">Math Division</a>   |                     |             |           |          |      |                 |      |              |     |     |             |
| MTH 162-WN120  | ANL GEOM & CALC II  | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | J132 | 4            | 28  | 24  | 1/9 - 4/25  |
| Note: Out of class testing in the Academic Testing Center.   |                     |             |           |          |      |                 |      |              |     |     |             |
| MTH 162-WN210  | ANL GEOM & CALC II  | Regular     | LCLB      | DLTA     | MW   | 5:00P - 6:55P   | A207 | 4            | 28  | 22  | 1/9 - 4/25  |
| Note: Computer Aided Homework Section.   |                     |             |           |          |      |                 |      |              |     |     |             |
| Note: All Sections: TI-89 graphing calculator is required.   |                     |             |           |          |      |                 |      |              |     |     |             |
| MTH 261-WN210  | ANL GEOM & CALC III | Regular     | LCLB      | DLTA     | MW   | 5:00P - 6:55P   | A209 | 4            | 28  | 28  | 1/9 - 4/25  |
| Note: Computer aided homework section.   |                     |             |           |          |      |                 |      |              |     |     |             |
| OAT 266-WN110  | MEDICAL OFFICE PRAC | Regular     | LCLB      | DLTA     | MW   | 3:00P - 4:55P   | K109 | 4            | 18  | 20  | 1/9 - 4/25  |
| Note: Winter-only class.   |                     |             |           |          |      |                 |      |              |     |     |             |
| PHL 221-WN110  | LOGIC               | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | S253 | 4            | 25  | 22  | 1/9 - 4/25  |
| PHL 221-WN120  | LOGIC               | Regular     | LCLB      | DCMC     | T    | 12:00P - 3:55P  | 203  | 4            | 25  | 25  | 1/10 - 4/24 |
| PHY 101-WN110  | APPLIED PHYSICS     | Regular     | LCLB      | DLTA     | MTR  | 8:00A - 9:55A   | E119 | 4            | 20  | 19  | 1/9 - 4/26  |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name  | Title             | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|---------------|-------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| PHY 101-WN120 | APPLIED PHYSICS   | Regular     | LCLB      | DLTA     | MTR  | 10:00A - 11:55A | E119 | 4            | 20  | 20  | 1/9 - 4/26  |
| PHY 101-WN130 | APPLIED PHYSICS   | Regular     | LCLB      | DLTA     | MTR  | 12:00P - 1:55P  | E119 | 4            | 20  | 19  | 1/9 - 4/26  |
| PHY 101-WN140 | APPLIED PHYSICS   | Regular     | LCLB      | DLTA     | MW   | 2:00P - 4:55P   | E119 | 4            | 20  | 17  | 1/9 - 4/25  |
| PHY 101-WN310 | APPLIED PHYSICS   | Regular     | LCLB      | DLTA     | TR   | 6:00P - 8:55P   | E119 | 4            | 20  | 18  | 1/10 - 4/26 |
| PHY 101-WN510 | APPLIED PHYSICS   | Regular     | LCLB      | DLTA     | MW   | 6:00P - 8:55P   | E119 | 4            | 14  | 13  | 1/9 - 4/25  |
| PHY 111-WN110 | GENERAL PHYSICS I | Regular     | LCLB      | DLTA     | MR   | 12:00P - 1:55P  | E118 | 4            | 20  | 20  | 1/9 - 4/26  |
|               |                   | Regular     | LN2       | DLTA     | W    | 10:45A - 1:55P  | E118 | 4            |     |     | 1/9 - 4/26  |

Notes: There will be no class on 2/8/2012. Class uses internet-based assignments, so students should have access to a computer with an internet connection and printer.

|               |                   |         |      |      |   |               |      |   |    |    |            |
|---------------|-------------------|---------|------|------|---|---------------|------|---|----|----|------------|
| PHY 111-WN120 | GENERAL PHYSICS I | Regular | LCLB | DLTA | M | 2:00P - 3:55P | E118 | 4 | 20 | 19 | 1/9 - 4/26 |
|               |                   | Regular | LN2  | DLTA | T | 2:00P - 4:55P | E118 | 4 |    |    | 1/9 - 4/26 |
|               |                   | Regular | LN2  | DLTA | R | 2:00P - 4:05P | E118 | 4 |    |    | 1/9 - 4/26 |

Notes: There will be no class on 2/7/2012. Class uses internet-based assignments, so students should have access to a computer with an internet connection and printer.

|               |                   |         |      |      |    |               |      |   |    |    |             |
|---------------|-------------------|---------|------|------|----|---------------|------|---|----|----|-------------|
| PHY 111-WN310 | GENERAL PHYSICS I | Regular | LCLB | DLTA | TR | 6:00P - 9:25P | E118 | 4 | 20 | 15 | 1/10 - 4/26 |
|---------------|-------------------|---------|------|------|----|---------------|------|---|----|----|-------------|

Notes: Class uses internet-based assignments, so students should have access to a computer with an internet connection and printer.

|               |                   |         |      |      |    |               |      |   |    |    |            |
|---------------|-------------------|---------|------|------|----|---------------|------|---|----|----|------------|
| PHY 111-WN320 | GENERAL PHYSICS I | Regular | LCLB | DLTA | MW | 6:00P - 9:25P | E118 | 4 | 20 | 17 | 1/9 - 4/25 |
|---------------|-------------------|---------|------|------|----|---------------|------|---|----|----|------------|

|               |                    |         |      |      |    |               |      |   |    |    |            |
|---------------|--------------------|---------|------|------|----|---------------|------|---|----|----|------------|
| PHY 112-WN120 | GENERAL PHYSICS II | Regular | LCLB | DLTA | MR | 2:00P - 3:55P | E126 | 4 | 20 | 17 | 1/9 - 4/26 |
|               |                    | Regular | LN2  | DLTA | T  | 2:00P - 4:55P | E126 | 4 |    |    | 1/9 - 4/26 |

Notes: Class uses internet-based assignments, so students should have access to a computer with an internet connection and printer.

Note: Same as POL 103W except includes civic engagement project.

|                |                  |         |      |      |    |                |      |   |    |    |             |
|----------------|------------------|---------|------|------|----|----------------|------|---|----|----|-------------|
| POL 104W-WN110 | AMER GOVT W/PROJ | Regular | LCLB | RICK | TR | 8:00A - 9:25A  | 111  | 4 | 25 | 24 | 1/10 - 4/26 |
| POL 104W-WN118 | AMER GOVT W/PROJ | Regular | LCLB | DLTA | W  | 8:00A - 10:55A | F003 | 4 | 25 | 29 | 1/11 - 4/25 |
| POL 104W-WN120 | AMER GOVT W/PROJ | Regular | LCLB | DLTA | TR | 9:30A - 10:55A | J139 | 4 | 25 | 25 | 1/10 - 4/26 |

Note: Out-of-class testing.

|                 |                    |         |      |      |    |                |      |   |    |    |             |
|-----------------|--------------------|---------|------|------|----|----------------|------|---|----|----|-------------|
| POL 104W-WN130  | AMER GOVT W/PROJ   | Regular | LCLB | DLTA | M  | 12:00P - 2:55P | J135 | 4 | 27 | 25 | 1/9 - 4/23  |
| PSC 101-WN110   | PHYSICAL SCIENCE I | Regular | LCLB | DLTA | M  | 12:00P - 2:55P | E117 | 4 | 25 | 23 | 1/9 - 4/25  |
|                 |                    | Regular | LN2  | DLTA | W  | 12:00P - 1:55P | E117 | 4 |    |    | 1/9 - 4/25  |
| PSC 101-WN120   | PHYSICAL SCIENCE I | Regular | LCLB | DLTA | T  | 2:00P - 4:55P  | E117 | 4 | 25 | 21 | 1/10 - 4/26 |
|                 |                    | Regular | LN2  | DLTA | R  | 2:00P - 3:55P  | E117 | 4 |    |    | 1/10 - 4/26 |
| PSC 101-WN310   | PHYSICAL SCIENCE I | Regular | LCLB | DLTA | M  | 6:00P - 8:55P  | E126 | 4 | 25 | 20 | 1/9 - 4/25  |
|                 |                    | Regular | LN2  | DLTA | W  | 6:00P - 7:55P  | E126 | 4 |    |    | 1/9 - 4/25  |
| PSY 211HW-WN110 | HNRS GENL PSYCH    | Regular | LCLB | DLTA | MW | 12:00P - 1:55P | J136 | 4 | 22 | 17 | 1/9 - 4/25  |

Note: Must qualify for Honors Program. Contact Honors at 686-9091 or <http://www.delta.edu/honors.aspx> for details.

Note: Beginning Fall semester 2010, this course may use online resources requiring an access code (included in the textbook price at the Delta College Bookstore). Purchasing textbooks elsewhere may require purchase of an individual access code through the publisher.

|                |                    |         |      |      |    |                 |      |   |    |    |             |
|----------------|--------------------|---------|------|------|----|-----------------|------|---|----|----|-------------|
| PSY 211W-WN105 | GENERAL PSYCHOLOGY | Regular | LCLB | DLTA | MW | 9:00A - 10:55A  | S225 | 4 | 25 | 24 | 1/9 - 4/25  |
| PSY 211W-WN110 | GENERAL PSYCHOLOGY | Regular | LCLB | DLTA | TR | 9:00A - 10:55A  | S258 | 4 | 25 | 23 | 1/10 - 4/26 |
| PSY 211W-WN115 | GENERAL PSYCHOLOGY | Regular | LCLB | DLTA | TR | 9:00A - 10:55A  | S221 | 4 | 25 | 26 | 1/10 - 4/26 |
| PSY 211W-WN120 | GENERAL PSYCHOLOGY | Regular | LCLB | RICK | MW | 9:00A - 10:55A  | 113  | 4 | 25 | 25 | 1/9 - 4/25  |
| PSY 211W-WN130 | GENERAL PSYCHOLOGY | Regular | LCLB | DLTA | MW | 10:00A - 11:55A | S226 | 4 | 25 | 27 | 1/9 - 4/25  |
| PSY 211W-WN134 | GENERAL PSYCHOLOGY | Regular | LCLB | DLTA | F  | 10:00A - 1:55P  | S224 | 4 | 25 | 29 | 1/13 - 4/27 |
| PSY 211W-WN135 | GENERAL PSYCHOLOGY | Regular | LCLB | DCMC | M  | 8:00A - 11:55A  | 155  | 4 | 25 | 26 | 1/9 - 4/23  |
| PSY 211W-WN140 | GENERAL PSYCHOLOGY | Regular | LCLB | DLTA | TR | 11:00A - 12:55P | S221 | 4 | 25 | 23 | 1/10 - 4/26 |
| PSY 211W-WN145 | GENERAL PSYCHOLOGY | Regular | LCLB | DLTA | MW | 12:00P - 1:55P  | S225 | 4 | 25 | 24 | 1/9 - 4/25  |
| PSY 211W-WN155 | GENERAL PSYCHOLOGY | Regular | LCLB | DLTA | MW | 12:00P - 1:55P  | S226 | 4 | 25 | 28 | 1/9 - 4/25  |
| PSY 211W-WN160 | GENERAL PSYCHOLOGY | Regular | LCLB | DLTA | TR | 12:00P - 1:55P  | S225 | 4 | 25 | 24 | 1/10 - 4/26 |
| PSY 211W-WN165 | GENERAL PSYCHOLOGY | Regular | LCLB | DLTA | TR | 12:00P - 1:55P  | S226 | 4 | 25 | 27 | 1/10 - 4/26 |
| PSY 211W-WN168 | GENERAL PSYCHOLOGY | Regular | LCLB | DCPL | MW | 9:00A - 10:55A  | 213  | 4 | 25 | 27 | 1/9 - 4/25  |
| PSY 211W-WN170 | GENERAL PSYCHOLOGY | Regular | LCLB | DLTA | TR | 2:00P - 3:55P   | S221 | 4 | 25 | 26 | 1/10 - 4/26 |
| PSY 211W-WN175 | GENERAL PSYCHOLOGY | Regular | LCLB | DLTA | TR | 2:00P - 3:55P   | S225 | 4 | 25 | 25 | 1/10 - 4/26 |
| PSY 211W-WN180 | GENERAL PSYCHOLOGY | Regular | LCLB | DCPL | T  | 8:00A - 11:55A  | 212  | 4 | 25 | 26 | 1/10 - 4/24 |
| PSY 211W-WN250 | GENERAL PSYCHOLOGY | Regular | LCLB | DCMC | TR | 4:00P - 5:55P   | 153  | 4 | 25 | 25 | 1/10 - 4/26 |
| PSY 211W-WN310 | GENERAL PSYCHOLOGY | Regular | LCLB | DLTA | M  | 6:00P - 9:55P   | S258 | 4 | 25 | 26 | 1/9 - 4/23  |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name   | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|--|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| PSY 211W-WN320   | GENERAL PSYCHOLOGY  | Regular     | LCLB      | DLTA     | R    | 6:00P - 9:55P   | S224 | 4            | 25  | 25  | 1/12 - 4/26 |
| PSY 211W-WN325   | GENERAL PSYCHOLOGY  | Regular     | LCLB      | DLTA     | TR   | 6:00P - 7:55P   | S258 | 4            | 25  | 26  | 1/10 - 4/26 |
| PSY 211W-WN330   | GENERAL PSYCHOLOGY  | Regular     | LCLB      | DLTA     | W    | 6:00P - 9:55P   | S258 | 4            | 25  | 24  | 1/11 - 4/25 |
| PSY 211W-WN335   | GENERAL PSYCHOLOGY  | Regular     | LCLB      | DLTA     | T    | 6:00P - 9:55P   | S125 | 4            | 25  | 26  | 1/10 - 4/24 |
| PSY 211W-WN340   | GENERAL PSYCHOLOGY  | Regular     | LCLB      | DLTA     | T    | 6:00P - 9:55P   | S224 | 4            | 25  | 21  | 1/10 - 4/24 |
| PSY 211W-WN343   | GENERAL PSYCHOLOGY  | Regular     | LCLB      | DLTA     | T    | 6:00P - 9:55P   | S226 | 4            | 25  | 26  | 1/10 - 4/24 |
| PSY 211W-WN345   | GENERAL PSYCHOLOGY  | Regular     | LCLB      | DLTA     | W    | 6:00P - 9:55P   | S221 | 4            | 25  | 25  | 1/11 - 4/25 |
| PSY 211W-WN350   | GENERAL PSYCHOLOGY  | Regular     | LCLB      | RICK     | W    | 6:00P - 9:55P   | 111  | 4            | 25  | 22  | 1/11 - 4/25 |
| PSY 211W-WN360   | GENERAL PSYCHOLOGY  | Regular     | LCLB      | DLTA     | M    | 6:00P - 9:55P   | S224 | 4            | 25  | 30  | 1/9 - 4/23  |
| PSY 211W-WN370   | GENERAL PSYCHOLOGY  | Regular     | LCLB      | DCPL     | R    | 6:00P - 9:55P   | 217  | 4            | 25  | 25  | 1/12 - 4/26 |
| PSY 211W-WN375   | GENERAL PSYCHOLOGY  | Regular     | LCLB      | DLTA     | R    | 6:00P - 9:55P   | S225 | 4            | 25  | 22  | 1/12 - 4/26 |
| PSY 211W-WN410   | GENERAL PSYCHOLOGY  | Regular     | LCLB      | DLTA     | S    | 9:00A - 12:55P  | A209 | 4            | 25  | 25  | 1/7 - 4/21  |
| RC 114-WN210   | FRAMING SQUARE      | Regular     | LCLB      | DLTA     | W    | 6:00P - 8:00P   | 150A | 4            | 18  | 17  | 1/11 - 4/25 |
|  |                     | Regular     | LN2       | DLTA     | W    | 8:00P - 9:55P   | 150C | 4            |     |     | 1/11 - 4/25 |
| RT 135-WN910   | DIAG & SPEC PROCED  | Regular     | LCLB      | DLTA     |      | -               |      | 4            | 17  | 15  | 1/9 - 4/24  |
| Note: Meets MTW 8AM-1:55PM various weeks. A master schedule for the semester will be provided before classes begin.  |                     |             |           |          |      |                 |      |              |     |     |             |
| SKCN 162-WN510   | CNC THEORY          | Regular     | LCLB      | DLTA     | M    | 7:55A - 11:55A  | L117 | 4            | 3   | 3   | 1/9 - 4/23  |
| Class will not meet on April 3 rd.   |                     |             |           |          |      |                 |      |              |     |     |             |
| SKCN 162-WN520   | CNC THEORY          | Regular     | LCLB      | DLTA     | T    | 5:00P - 8:55P   | L117 | 4            | 3   | 2   | 1/10 - 4/24 |
| co listed with cnc-162wn520  |                     |             |           |          |      |                 |      |              |     |     |             |
| SKCN 216-WN510   | CNC MACHINING APP   | Regular     | LCLB      | DLTA     | M    | 7:55A - 11:55A  | L117 | 4            | 0   | 0   | 1/9 - 4/23  |
| Class will not meet on April 3 rd and April 5 th.  |                     |             |           |          |      |                 |      |              |     |     |             |
| SKCN 216-WN520   | CNC MACHINING APP   | Regular     | LCLB      | DLTA     | T    | 5:00P - 8:55P   | L117 | 4            | 5   | 5   | 1/10 - 4/24 |
| co listed with cnc 216wn 520   |                     |             |           |          |      |                 |      |              |     |     |             |
| <u>Note: SKCN 225: Requires permission of instructor</u>   |                     |             |           |          |      |                 |      |              |     |     |             |
| SKCN 225-WN510   | MASTERCAM           | Regular     | LCLB      | DLTA     | M    | 5:00P - 8:55P   | L117 | 4            | 1   | 1   | 1/16 - 4/30 |
| SKDR 101-WN310   | SKETCH/BLPRT READ   | Regular     | LCLB      | DLTA     | W    | 6:00P - 9:55P   | N204 | 4            | 18  | 18  | 1/11 - 4/25 |
| SKDR 101-WN320   | SKETCH/BLPRT READ   | Regular     | LCLB      | DLTA     | R    | 6:00P - 9:55P   | L117 | 4            | 18  | 16  | 1/12 - 4/26 |
| SKEL 102-WN310   | INDUST ELECTRONICS  | Regular     | LCLB      | DLTA     | M    | 6:00P - 9:55P   | N208 | 4            | 18  | 23  | 1/9 - 4/23  |
| SKEL 102-WN320   | INDUST ELECTRONICS  | Regular     | LCLB      | DLTA     | W    | 6:00P - 9:55P   | N208 | 4            | 18  | 13  | 1/11 - 4/25 |
| SKEL 122-WN310   | ADVANCED CONTROLS 2 | Regular     | LCLB      | DLTA     | W    | 5:00P - 7:25P   | L106 | 4            | 16  | 10  | 1/11 - 4/25 |
|  |                     | Regular     | LCLB      | DLTA     | W    | 7:30P - 8:55P   | L118 | 4            |     |     | 1/11 - 4/25 |
| OSHA approved safety glasses are required for this course  |                     |             |           |          |      |                 |      |              |     |     |             |
| SKPH 101-WN510   | APPLIED PHYSICS     | Regular     | LCLB      | DLTA     | MW   | 6:00P - 8:55P   | E119 | 4            | 6   | 5   | 1/9 - 4/25  |
| SKTR 181W-WN510  | MACHINE TOOLS 1     | Regular     | LCLB      | DLTA     | TR   | 7:55A - 9:25A   | L114 | 4            | 3   | 2   | 1/10 - 4/26 |
|  |                     | Regular     | LN2       | DLTA     | TR   | 9:30A - 10:55A  | L125 | 4            |     |     | 1/10 - 4/26 |
| This class will not meet April 2 nd and April 4 th   |                     |             |           |          |      |                 |      |              |     |     |             |
| SKTR 181W-WN520  | MACHINE TOOLS 1     | Regular     | LCLB      | DLTA     | W    | 4:00P - 10:00P  | L125 | 4            | 12  | 3   | 1/11 - 4/25 |
| This Class will not meet April 2nd   |                     |             |           |          |      |                 |      |              |     |     |             |
| SKTR 182-WN510   | MACHINE TOOLS II    | Regular     | LCLB      | DLTA     | TR   | 7:55A - 9:25A   | L125 | 4            | 1   | 0   | 1/10 - 4/26 |
|  |                     | Regular     | LN2       | DLTA     | TR   | 9:30A - 10:55A  | L114 | 4            |     |     | 1/10 - 4/26 |
| This class does not meet April 2 nd and April 4 th   |                     |             |           |          |      |                 |      |              |     |     |             |
| SKTR 182-WN520   | MACHINE TOOLS II    | Regular     | LCLB      | DLTA     | W    | 4:00P - 9:55P   | L125 | 4            | 12  | 8   | 1/11 - 4/25 |
| <u>Note: Course open ONLY to those with NO PREVIOUS high school or college Spanish or with instructor permission. Instructor may use out of class testing in the Testing Center for all Exams. Computer with Internet access may be required for some assignments.</u> |                     |             |           |          |      |                 |      |              |     |     |             |
| SPA 111-WN110  | SPANISH ONE         | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | S261 | 4            | 18  | 21  | 1/9 - 4/25  |
| SPA 111-WN120  | SPANISH ONE         | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | S261 | 4            | 18  | 17  | 1/9 - 4/25  |
| SPA 111-WN130  | SPANISH ONE         | Regular     | LCLB      | DLTA     | MW   | 2:00P - 3:55P   | S035 | 4            | 18  | 17  | 1/9 - 4/25  |
| Note: Course open ONLY to those with NO PREVIOUS high school or college Spanish or with instructor permission. Instructor may use out of class testing in the Testing Center for all Exams. Computer with Internet access may be required for some assignments.        |                     |             |           |          |      |                 |      |              |     |     |             |
| SPA 111-WN210  | SPANISH ONE         | Regular     | LCLB      | DLTA     | MW   | 5:00P - 6:55P   | S264 | 4            | 18  | 15  | 1/9 - 4/25  |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name   | Title              | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|--|--------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| SPA 111-WN310  | SPANISH ONE        | Regular     | LCLB      | DLTA     | TR   | 7:00P - 8:55P   | S039 | 4            | 18  | 20  | 1/10 - 4/26 |
| SPA 111-WN320  | SPANISH ONE        | Regular     | LCLB      | DLTA     | MW   | 7:00P - 8:55P   | S039 | 4            | 18  | 16  | 1/9 - 4/25  |
| <u>Note: Course open to those with 1 year of high school or 1 semester of college Spanish or with instructor permission. Instructor may use out of class testing at the Testing Center for all Exams. Computer with Internet access may be required for some assignments.</u>    |                    |             |           |          |      |                 |      |              |     |     |             |
| SPA 112-WN110  | SPANISH TWO        | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:55P | S261 | 4            | 18  | 18  | 1/10 - 4/26 |
| SPA 112-WN120  | SPANISH TWO        | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | S059 | 4            | 18  | 15  | 1/10 - 4/26 |
| SPA 112-WN130  | SPANISH TWO        | Regular     | LCLB      | DLTA     | MW   | 10:00A - 11:55A | S228 | 4            | 18  | 11  | 1/9 - 4/25  |
| SPA 112-WN310  | SPANISH TWO        | Regular     | LCLB      | DLTA     | TR   | 7:00P - 8:55P   | S264 | 4            | 18  | 12  | 1/10 - 4/26 |
| <u>Note: Course open to those with 2 years of high school or 2 semesters of college Spanish or with instructor permission. Instructor may use out of class testing at the Testing Center for all Exams. Computer with Internet access may be required for some assignments.</u>  |                    |             |           |          |      |                 |      |              |     |     |             |
| SPA 211-WN110  | SPANISH THREE      | Regular     | LCLB      | DLTA     | TR   | 11:00A - 12:55P | N202 | 4            | 18  | 16  | 1/10 - 4/26 |
| <u>Note: Course open to those with 3 years of high school or 3 semesters of college Spanish or with instructor permission. Instructor may use out of class testing at the Testing Center for all Exams. Computer with Internet access may be required for some assignments.</u>  |                    |             |           |          |      |                 |      |              |     |     |             |
| SPA 212-WN110  | SPANISH FOUR       | Regular     | LCLB      | DLTA     | TR   | 2:00P - 3:55P   | S260 | 4            | 18  | 18  | 1/10 - 4/26 |
| Note: Course open to those with 3 years of high school Spanish or 3 semesters of college Spanish or with instructor permission. Instructor may use out of class testing in the Testing Center for all exams. Computer with Internet access may be required for some assignments. |                    |             |           |          |      |                 |      |              |     |     |             |
| <u>LAB COURSE: Must also register for theory course.</u>   |                    |             |           |          |      |                 |      |              |     |     |             |
| NPT 240LW-WN110  | NSG CARE ADULT L   | Regular     | LCLB      | OTHR     | MN   | 2:30P - 11:59P  | COVC | 4.3          | 10  | 8   | 1/12 - 5/22 |
| NPT 240LW-WN120  | NSG CARE ADULT L   | Regular     | LCLB      | OTHR     | MT   | 6:30A - 5:00P   | COVC | 4.3          | 10  | 8   | 1/13 - 5/18 |
| <u>Note: LAB COURSE: Must also register for theory section.</u>  |                    |             |           |          |      |                 |      |              |     |     |             |
| NUR 240LW-WN110  | NSG CARE ADULT L   | Regular     | LCLB      | OTHR     | MT   | 6:30A - 5:30P   | COVH | 4.3          | 8   | 9   | 1/9 - 4/27  |
| NUR 240LW-WN120  | NSG CARE ADULT L   | Regular     | LCLB      | OTHR     | MT   | 6:30A - 5:30P   | COVC | 4.3          | 8   | 8   | 1/9 - 4/27  |
| NUR 240LW-WN410  | NSG CARE ADULT L   | Regular     | LCLB      | OTHR     | SN   | 6:30A - 5:30P   | SMAR | 4.3          | 8   | 7   | 1/9 - 4/27  |
| NUR 240LW-WN420  | NSG CARE ADULT L   | Regular     | LCLB      | OTHR     | MT   | 6:30A - 5:30P   | BMED | 4.3          | 8   | 8   | 1/9 - 4/27  |
| NUR 240LW-WN430  | NSG CARE ADULT L   | Regular     | LCLB      | OTHR     | RF   | 6:30A - 5:30P   | COVH | 4.3          | 8   | 9   | 1/7 - 4/27  |
| NUR 240LW-WN440  | NSG CARE ADULT L   | Regular     | LCLB      | OTHR     | SN   | 6:30A - 5:30P   | MHSP | 4.3          | 8   | 7   | 1/7 - 4/27  |
| <u>Note: THEORY COURSE: Must also register for Elsevier computerized assessment testing course (FEE 902) and a lab section. Weeks alternate between lecture/clinical.</u>  |                    |             |           |          |      |                 |      |              |     |     |             |
| NPT 240W-WN210   | NSG CARE ADULT CLT | Regular     | LCLB      | DLTA     | TR   | 9:00A - 3:00P   | F243 | 4.7          | 22  | 16  | 1/10 - 6/14 |
|  |                    | Regular     | LN2       | DLTA     | TR   | 9:00A - 3:00P   | F243 | 4.7          |     |     | 2/7 - 6/14  |
| <u>Note: THEORY COURSE: Must also register for lab section and Elsevier computerized assessment testing (FEE 902). Schedule will vary. Theory/simulated lab will alternate weeks with clinical times. Detailed calendar included in bookstore packet.</u>                        |                    |             |           |          |      |                 |      |              |     |     |             |
| NUR 240W-WN110   | NSG CARE ADULT     | Regular     | LCLB      | DLTA     | T    | 9:00A - 3:00P   | F244 | 4.7          | 29  | 25  | 1/10 - 4/17 |
|  |                    | Regular     | LN2       | DLTA     | W    | 9:00A - 1:30P   | F244 | 4.7          |     |     | 1/11 - 1/18 |
|  |                    | Regular     | LCLB      | DLTA     | R    | 9:00A - 3:30P   | F244 | 4.7          |     |     | 1/12 - 4/5  |
|  |                    | Regular     | LCLB      | DLTA     | F    | 9:00A - 3:30P   | F244 | 4.7          |     |     | 1/27 - 4/20 |
| NUR 240W-WN120   | NSG CARE ADULT     | Regular     | LCLB      | DLTA     | T    | 9:00A - 3:00P   | F240 | 4.7          | 29  | 23  | 1/10 - 4/17 |
|  |                    | Regular     | LN2       | DLTA     | R    | 9:00A - 3:00P   | F240 | 4.7          |     |     | 1/12 - 4/5  |
| <u>Note: Computer with internet access required for some assignments and may be required to access additional course materials.</u>  |                    |             |           |          |      |                 |      |              |     |     |             |
| BIO 140W-WN110   | ESSEN ANAT & PHYS  | Regular     | LCLB      | DLTA     | MTWR | 8:00A - 9:55A   | C114 | 5            | 20  | 21  | 1/9 - 4/26  |
| Note: Testing Center may be used occasionally.   |                    |             |           |          |      |                 |      |              |     |     |             |
| BIO 140W-WN120   | ESSEN ANAT & PHYS  | Regular     | LCLB      | DLTA     | MTWR | 10:00A - 11:55A | C114 | 5            | 20  | 19  | 1/9 - 4/26  |
| Note: Testing Center may be used occasionally.   |                    |             |           |          |      |                 |      |              |     |     |             |
| BIO 140W-WN130   | ESSEN ANAT & PHYS  | Regular     | LCLB      | DLTA     | MTWR | 12:00P - 1:55P  | C114 | 5            | 20  | 20  | 1/9 - 4/26  |
| Note: Testing center is used for all lecture exams.  |                    |             |           |          |      |                 |      |              |     |     |             |
| BIO 140W-WN140   | ESSEN ANAT & PHYS  | Regular     | LCLB      | DLTA     | M    | 2:00P - 3:55P   | C114 | 5            | 20  | 20  | 1/9 - 4/26  |
|  |                    | Regular     | LN2       | DLTA     | TR   | 2:00P - 4:55P   | C114 | 5            |     |     | 1/9 - 4/26  |
| Note: Testing Center may be used occasionally, especially if college closures cause class cancellations. Students should plan for additional printing and/or copying costs for course notes found on learning site.  |                    |             |           |          |      |                 |      |              |     |     |             |
| BIO 140W-WN210   | ESSEN ANAT & PHYS  | Regular     | LCLB      | DLTA     | MW   | 4:00P - 5:55P   | C114 | 5            | 20  | 20  | 1/9 - 4/27  |
|  |                    | Regular     | LN2       | DLTA     | F    | 9:00A - 12:55P  | C114 | 5            |     |     | 1/9 - 4/27  |
| BIO 140W-WN310   | ESSEN ANAT & PHYS  | Regular     | LCLB      | DLTA     | MW   | 6:00P - 7:55P   | C114 | 5            | 20  | 18  | 1/9 - 4/27  |
|  |                    | Regular     | LN2       | DLTA     | F    | 1:00P - 4:55P   | C114 | 5            |     |     | 1/9 - 4/27  |

Note: Testing Center may be used occasionally.



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name  | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|---|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| BIO 140W-WN320  | ESSEN ANAT & PHYS   | Regular     | LCLB      | DLTA     | TR   | 5:00P - 8:55P   | C114 | 5            | 20  | 20  | 1/10 - 4/26 |
| Note: Testing Center may be used occasionally.  |                     |             |           |          |      |                 |      |              |     |     |             |
| <u>Note: Students who have never had chemistry before are advised to take CHM 101. Students with either high school or college-level chemistry courses should take CHM 111. Please meet with your advisor or counselor to determine proper placement.</u> |                     |             |           |          |      |                 |      |              |     |     |             |
| CHM 101W-WN110  | GENERAL CHEMISTRY I | Regular     | LCLB      | DLTA     | TR   | 8:00A - 9:55A   | C138 | 5            | 25  | 21  | 1/10 - 4/27 |
|   |                     | Regular     | LN2       | DLTA     | F    | 8:00A - 10:55A  | C138 | 5            |     |     | 1/10 - 4/27 |
| CHM 101W-WN120  | GENERAL CHEMISTRY I | Regular     | LCLB      | RICK     | T    | 9:00A - 12:25P  | 143  | 5            | 20  | 17  | 1/10 - 4/26 |
|   |                     | Regular     | LN2       | RICK     | R    | 9:00A - 12:25P  | 145  | 5            |     |     | 1/10 - 4/26 |
| CHM 101W-WN130  | GENERAL CHEMISTRY I | Regular     | LCLB      | DLTA     | TR   | 10:00A - 11:55A | C138 | 5            | 25  | 24  | 1/10 - 4/27 |
|   |                     | Regular     | LN2       | DLTA     | F    | 11:00A - 1:55P  | C138 | 5            |     |     | 1/10 - 4/27 |
| CHM 101W-WN140  | GENERAL CHEMISTRY I | Regular     | LCLB      | DLTA     | M    | 12:00P - 2:55P  | C138 | 5            | 25  | 26  | 1/9 - 4/25  |
|   |                     | Regular     | LN2       | DLTA     | W    | 12:00P - 3:55P  | C138 | 5            |     |     | 1/9 - 4/25  |
| CHM 101W-WN210  | GENERAL CHEMISTRY I | Regular     | LCLB      | DLTA     | M    | 3:00P - 5:55P   | C138 | 5            | 25  | 23  | 1/9 - 4/26  |
|   |                     | Regular     | LN2       | DLTA     | TR   | 4:00P - 5:55P   | C138 | 5            |     |     | 1/9 - 4/26  |
| CHM 101W-WN310  | GENERAL CHEMISTRY I | Regular     | LCLB      | DLTA     | TR   | 6:00P - 9:25P   | C138 | 5            | 25  | 29  | 1/10 - 4/26 |
| CHM 105W-WN110  | TECHNICAL CHEM I    | Regular     | LCLB      | DLTA     | MW   | 8:00A - 11:55A  | C138 | 5            | 20  | 20  | 1/9 - 4/25  |
| CHM 106W-WN110  | TECHNICAL CHEM II   | Regular     | LCLB      | DLTA     | TR   | 12:00P - 3:55P  | C138 | 5            | 20  | 19  | 1/10 - 4/26 |
| CHM 106W-WN310  | TECHNICAL CHEM II   | Regular     | LCLB      | DLTA     | MW   | 6:00P - 9:55P   | C138 | 5            | 20  | 19  | 1/9 - 4/25  |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> .  |                     |             |           |          |      |                 |      |              |     |     |             |
| <u>Note: Students who have never had chemistry before are advised to take CHM 101. Students with either high school or college-level chemistry courses should take CHM 111. Please meet with your advisor or counselor to determine proper placement.</u> |                     |             |           |          |      |                 |      |              |     |     |             |
| CHM 111-WN100   | GEN & INORGANIC I   | Regular     | LCLB      | DLTA     | M    | 8:00A - 11:55A  | D135 | 5            | 25  | 27  | 1/9 - 4/25  |
|   |                     | Regular     | LCLB      | DLTA     | W    | 8:00A - 10:55A  | D135 | 5            |     |     | 1/9 - 4/25  |
|   |                     | Regular     | LN2       | DLTA     | W    | 8:00A - 10:55A  | E137 | 5            |     |     | 1/9 - 4/25  |
| CHM 111-WN110   | GEN & INORGANIC I   | Regular     | LCLB      | DLTA     | MR   | 8:00A - 9:55A   | C121 | 5            | 25  | 25  | 1/9 - 4/26  |
|   |                     | Regular     | LCLB      | DLTA     | T    | 8:00A - 10:55A  | C121 | 5            |     |     | 1/9 - 4/26  |
|   |                     | Regular     | LCLB      | DLTA     | T    | 8:00A - 10:55A  | E137 | 5            |     |     | 1/9 - 4/26  |
| CHM 111-WN120   | GEN & INORGANIC I   | Regular     | LCLB      | DLTA     | TF   | 8:00A - 9:55A   | D135 | 5            | 25  | 25  | 1/10 - 4/27 |
|   |                     | Regular     | LN2       | DLTA     | R    | 8:00A - 10:55A  | D135 | 5            |     |     | 1/10 - 4/27 |
|   |                     | Regular     | LCLB      | DLTA     | R    | 8:00A - 10:55A  | E137 | 5            |     |     | 1/10 - 4/27 |
| CHM 111-WN130   | GEN & INORGANIC I   | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | D135 | 5            | 25  | 24  | 1/9 - 4/27  |
|   |                     | Regular     | LCLB      | DLTA     | F    | 11:00A - 1:55P  | D135 | 5            |     |     | 1/9 - 4/27  |
|   |                     | Regular     | LCLB      | DLTA     | F    | 11:00A - 1:55P  | E131 | 5            |     |     | 1/9 - 4/27  |
| CHM 111-WN140   | GEN & INORGANIC I   | Regular     | LCLB      | DLTA     | MW   | 12:00P - 1:55P  | D133 | 5            | 25  | 25  | 1/9 - 4/25  |
|   |                     | Regular     | LN2       | DLTA     | T    | 11:00A - 1:55P  | D133 | 5            |     |     | 1/9 - 4/25  |
|   |                     | Regular     | LN2       | DLTA     | T    | 11:00A - 1:55P  | E137 | 5            |     |     | 1/9 - 4/25  |
| CHM 111-WN150   | GEN & INORGANIC I   | Regular     | LCLB      | DLTA     | M    | 2:00P - 4:55P   | D135 | 5            | 25  | 26  | 1/9 - 4/26  |
|   |                     | Regular     | LN2       | DLTA     | M    | 2:00P - 4:55P   | E137 | 5            |     |     | 1/9 - 4/26  |
|   |                     | Regular     | LN2       | DLTA     | TR   | 2:00P - 3:55P   | D135 | 5            |     |     | 1/9 - 4/26  |
| CHM 111-WN210   | GEN & INORGANIC I   | Regular     | LCLB      | DLTA     | T    | 4:00P - 7:25P   | D135 | 5            | 25  | 27  | 1/10 - 4/26 |
|   |                     | Regular     | LN2       | DLTA     | R    | 4:00P - 7:25P   | D135 | 5            |     |     | 1/10 - 4/26 |
|   |                     | Regular     | LCLB      | DLTA     | R    | 4:00P - 7:25P   | E131 | 5            |     |     | 1/10 - 4/26 |
| CHM 111-WN310   | GEN & INORGANIC I   | Regular     | LCLB      | DLTA     | M    | 6:00P - 9:55P   | D133 | 5            | 25  | 27  | 1/9 - 4/25  |
|   |                     | Regular     | LN2       | DLTA     | M    | 6:00P - 9:55P   | E137 | 5            |     |     | 1/9 - 4/25  |
|   |                     | Regular     | LN2       | DLTA     | W    | 6:00P - 8:55P   | D133 | 5            |     |     | 1/9 - 4/25  |
| CHM 111-WN320   | GEN & INORGANIC I   | Regular     | LCLB      | DLTA     | T    | 6:00P - 9:55P   | D133 | 5            | 25  | 20  | 1/10 - 4/26 |
|   |                     | Regular     | LN2       | DLTA     | R    | 6:00P - 8:55P   | E137 | 5            |     |     | 1/10 - 4/26 |
|   |                     | Regular     | LN2       | DLTA     | R    | 6:00P - 8:55P   | D133 | 5            |     |     | 1/10 - 4/26 |
| CHM 112-WN110   | GEN & INORGANIC II  | Regular     | LCLB      | DLTA     | MT   | 8:00A - 9:55A   | D133 | 5            | 25  | 19  | 1/9 - 4/26  |
|   |                     | Regular     | LCLB      | DLTA     | R    | 8:00A - 10:55A  | D133 | 5            |     |     | 1/9 - 4/26  |
|   |                     | Regular     | LCLB      | DLTA     | R    | 8:00A - 10:55A  | E131 | 5            |     |     | 1/9 - 4/26  |
| CHM 112-WN120   | GEN & INORGANIC II  | Regular     | LCLB      | DLTA     | T    | 10:00A - 1:55P  | D135 | 5            | 25  | 22  | 1/10 - 4/26 |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Face to Face

| Section Name  | Title               | Term Length | Inst Meth | Location | Days  | Time           | Room | Credit Hours | Cap | Enr | Dates       |
|---|---------------------|-------------|-----------|----------|-------|----------------|------|--------------|-----|-----|-------------|
| CHM 112-WN120   |                     | Regular     | LCLB      | DLTA     | R     | 11:00A - 1:55P | D135 | 5            |     |     | 1/10 - 4/26 |
|   |                     | Regular     | LCLB      | DLTA     | R     | 11:00A - 1:55P | E131 | 5            |     |     | 1/10 - 4/26 |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> .  |                     |             |           |          |       |                |      |              |     |     |             |
| CHM 112-WN130   | GEN & INORGANIC II  | Regular     | LCLB      | DLTA     | M     | 2:00P - 4:55P  | D133 | 5            | 25  | 21  | 1/9 - 4/26  |
|   |                     | Regular     | LN2       | DLTA     | TR    | 2:00P - 3:55P  | D133 | 5            |     |     | 1/9 - 4/26  |
|   |                     | Regular     | LCLB      | DLTA     | TR    | 2:00P - 3:55P  | E131 | 5            |     |     | 1/9 - 4/26  |
| CHM 112-WN310   | GEN & INORGANIC II  | Regular     | LCLB      | DLTA     | M     | 6:00P - 9:55P  | D135 | 5            | 25  | 26  | 1/9 - 4/25  |
|   |                     | Regular     | LCLB      | DLTA     | W     | 6:00P - 8:55P  | E131 | 5            |     |     | 1/9 - 4/25  |
|   |                     | Regular     | LCLB      | DLTA     | W     | 6:00P - 8:55P  | D135 | 5            |     |     | 1/9 - 4/25  |
| PHY 211-WN110   | PHYSICS I           | Regular     | LCLB      | DLTA     | MTWR  | 8:00A - 9:55A  | E126 | 5            | 20  | 20  | 1/9 - 4/26  |
| Notes: There will be no class on 2/6 and 2/7. We will meet on Fridays 1/13 and 1/20 from 8-10a.m. Class uses internet-based assignments, so students should have access to a computer with an internet connection and printer.                          |                     |             |           |          |       |                |      |              |     |     |             |
| PHY 212-WN110   | PHYSICS II          | Regular     | LCLB      | DLTA     | MTWR  | 12:00P - 1:55P | E126 | 5            | 20  | 12  | 1/9 - 4/26  |
| Notes: There will be no class on 2/6, 2/7, and 2/8. We will meet on Fridays 1/13, 1/20, and 2/10 from 12-2 PM. Class uses internet-based assignments, so students should have access to a computer with an internet connection and printer.             |                     |             |           |          |       |                |      |              |     |     |             |
| RHA 230-WN110   | DESIGN HVAC SYSTEM  | Regular     | LCLB      | DLTA     | MT    | 2:00P - 4:25P  | L117 | 5            | 15  | 11  | 1/9 - 4/24  |
| SKEL 121-WN310  | ADVANCED CONTROLS I | Regular     | LCLB      | DLTA     | R     | 6:00P - 8:25P  | L118 | 5            | 16  | 18  | 1/10 - 4/26 |
|   |                     | Regular     | LN2       | DLTA     | T     | 6:00P - 8:25P  | L114 | 5            |     |     | 1/10 - 4/26 |
| OSHA approved safety glasses are required for this course   |                     |             |           |          |       |                |      |              |     |     |             |
| Note: Requires acceptance to Delta College Police Academy. Contact Criminal Justice Training Center, 686-9110.  |                     |             |           |          |       |                |      |              |     |     |             |
| CJ 101-WN110  | POLICE RECRUIT TRNG | Regular     | LCLB      | DLTA     | MTWRF | 7:00A - 4:55P  | C111 | 6            | 0   | 19  | 1/16 - 5/11 |
| CJ 101-WN120  | POLICE RECRUIT TRNG | Regular     | LCLB      | DLTA     | MTWRF | 7:00A - 4:55P  | C111 | 6            | 0   | 0   | 1/16 - 5/11 |
| Note: Mondays are conferences and meet as necessary.  |                     |             |           |          |       |                |      |              |     |     |             |
| DH 225-WN110  | CLINICAL DH IV      | Regular     | LCLB      | DLTA     | M     | 12:30P - 5:25P | F120 | 6            | 18  | 16  | 1/9 - 4/27  |
|   |                     | Regular     | LN2       | DLTA     | F     | 8:30A - 12:25P | F120 | 6            |     |     | 1/9 - 4/27  |
|   |                     | Regular     | LN3       | DLTA     | F     | 1:30P - 3:55P  | F120 | 6            |     |     | 1/9 - 4/27  |
|   |                     | Regular     | LN4       | DLTA     | M     | 6:30P - 7:55P  | F135 | 6            |     |     | 1/9 - 4/27  |
|   |                     | Regular     | LN2       | DLTA     | W     | 12:30P - 1:25P | F120 | 6            |     |     | 1/9 - 4/27  |
| Note: FST111, FST112 and FST211 must be enrolled in concurrently. Students need to complete a physical exam and may not be a convicted felon. Must receive instructor's permission to register. Call Russell Holtman at (989) 686-9020 for appointment. |                     |             |           |          |       |                |      |              |     |     |             |
| FST 111-WN110   | FIRE FIGHTER IA     | Regular     | LCLB      | OTHR     | M     | 8:00A - 11:55A | TBA  | 6            | 20  | 5   | 1/9 - 6/11  |
| Note: FST111, 112 and FST211 must be taken concurrently. Contact Russell Holtman at 989-686-9020 for permission to enroll. May not be a convicted felon and must pass a physical exam.  |                     |             |           |          |       |                |      |              |     |     |             |
| FST 112-WN110   | FIRE FIGHTER IB     | Regular     | LCLB      | OTHR     | R     | 8:00A - 12:00P | TBA  | 6            | 20  | 5   | 1/5 - 6/14  |
| Note: THEORY COURSE: Must also register for lab section and Elsevier computerized assessment testing (FEE 901). Lecture schedule alternates weeks with sim/clinical schedule. Detailed calendar provided by instructor.                                 |                     |             |           |          |       |                |      |              |     |     |             |
| PNE 122W-WN110  | CARE OF ADULT I     | Regular     | LCLB      | DLTA     | M     | 9:00A - 1:00P  | F255 | 6            | 20  | 20  | 1/9 - 4/17  |
|   |                     | Regular     | LN2       | DLTA     | T     | 9:00A - 1:00P  | F255 | 6            |     |     | 1/10 - 4/17 |
|   |                     | Regular     | LN2       | DLTA     | W     | 9:00A - 1:00P  | F013 | 6            |     |     | 3/28 - 3/28 |
|   |                     | Regular     | LN2       | DLTA     | W     | 9:00A - 1:00P  | F250 | 6            |     |     | 4/4 - 4/4   |
| SKEL 101-WN110  | BASIC ELECTRONICS   | Regular     | LCLB      | DLTA     | TF    | 8:00A - 10:55A | N208 | 6            | 16  | 10  | 1/10 - 4/27 |
| SKEL 101-WN310  | BASIC ELECTRONICS   | Regular     | LCLB      | DLTA     | TR    | 6:00P - 8:55P  | N208 | 6            | 17  | 16  | 1/10 - 4/26 |
| SKMA 111-WN320  | APP INT ELEC MATH I | Regular     | LCLB      | DLTA     | MW    | 6:00P - 8:55P  | N206 | 6            | 16  | 11  | 1/9 - 4/25  |
| SKMA 111-WN330  | APP INT ELEC MATH I | Regular     | LCLB      | RICK     | MW    | 6:00P - 8:55P  | 143  | 6            | 16  | 7   | 1/9 - 4/25  |
| WELD 114W-WN110   | INT SMA WELD        | Regular     | LCLB      | DLTA     | MTWR  | 7:10A - 9:05A  | L140 | 8            | 12  | 12  | 1/9 - 4/26  |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Mixed Face to Face

| Section Name  | Title               | Term Length | Inst Meth | Location | Days | Time           | Room | Credit Hours | Cap | Enr | Dates       |
|---|---------------------|-------------|-----------|----------|------|----------------|------|--------------|-----|-----|-------------|
| ENV 130W-WN710  | POLLUTION PREVENTN  | Compressed  | LCLB      | CNET     | W    | 4:00P - 5:55P  | E110 | 1            | 20  | 15  | 1/11 - 2/29 |
| <p>Note: This course is delivered mostly on-line with three required (minimum) face-to-face sessions. All three sessions will meet Wednesday 4-6PM. The first session will meet in E110. The date of the others will be determined during the course. <a href="http://www.delta.edu/pages/10924.aspx">Http://www.delta.edu/pages/10924.aspx</a>&gt;Sustainability Related Course&lt;/a&gt; .</p> <p><u>Note: Students MUST HAVE BOOK, AND POCKET MASK OR FACE SHIELD before class meets. Available in Bookstore - BOOKSTORE NOT OPEN ON WEEKENDS. A \$3 American Heart Association fee will be collected before certification card is issued. CNET sections meet in person beginning date only; remaining instruction is online utilizing Desire2Learn.</u></p> |                     |             |           |          |      |                |      |              |     |     |             |
| LWT 165-WN710   | COMMUNITY FIRST AID | Compressed  | LCLB      | CNET     | S    | 8:30A - 4:25P  | F001 | 1            | 16  | 15  | 1/14 - 1/21 |
| <p>Note: The course will meet in person on the first day and remaining course work will be done online.</p>   |                     |             |           |          |      |                |      |              |     |     |             |
| LWT 165-WN720   | COMMUNITY FIRST AID | Compressed  | LCLB      | CNET     | S    | 8:30A - 4:25P  | F001 | 1            | 16  | 16  | 2/4 - 2/11  |
| <p>Note: The course will meet in person on the first day and remaining course work will be done online.</p>   |                     |             |           |          |      |                |      |              |     |     |             |
| LWT 165-WN725   | COMMUNITY FIRST AID | Compressed  | LCLB      | CNET     | S    | 8:30A - 4:25P  | F001 | 1            | 16  | 12  | 2/11 - 2/18 |
| LWT 165-WN730   | COMMUNITY FIRST AID | Compressed  | LCLB      | CNET     | S    | 8:30A - 4:25P  | F001 | 1            | 16  | 12  | 2/25 - 3/3  |
| <p>Note: The course will meet in person on the first day and remaining course work will be done online.</p>   |                     |             |           |          |      |                |      |              |     |     |             |
| LWT 165-WN735   | COMMUNITY FIRST AID | Compressed  | LCLB      | CNET     | F    | 9:00A - 4:55P  | F001 | 1            | 16  | 13  | 3/16 - 3/23 |
| <p>This course will meet face to face the first day. All remaining course work will be done online.</p>   |                     |             |           |          |      |                |      |              |     |     |             |
| LWT 165-WN740   | COMMUNITY FIRST AID | Compressed  | LCLB      | CNET     | F    | 9:00A - 4:55P  | F001 | 1            | 16  | 12  | 3/23 - 3/30 |
| LWT 165-WN750   | COMMUNITY FIRST AID | Compressed  | LCLB      | CNET     | S    | 8:30A - 4:25P  | F001 | 1            | 16  | 11  | 4/21 - 4/28 |
| <p>Note: The course will meet in person on the first day and remaining course work will be done online.</p>   |                     |             |           |          |      |                |      |              |     |     |             |
| <p><u>Students MUST HAVE TEXTBOOK AND POCKET MASK OR FACE SHIELD before class meets. Available in Bookstore - BOOKSTORE NOT OPEN ON WEEKENDS. A \$3 American Heart Association fee will be collected before certification card is issued.</u></p>   |                     |             |           |          |      |                |      |              |     |     |             |
| LWT 170-WN730   | BLS FOR HCP         | Compressed  | LCLB      | CNET     | S    | 8:30A - 4:25P  | F001 | 1            | 16  | 11  | 2/18 - 2/25 |
| <p>Note: CNET sections meet in person beginning date only; remaining instruction is online utilizing D2L.</p>   |                     |             |           |          |      |                |      |              |     |     |             |
| LWT 170-WN740   | BLS FOR HCP         | Compressed  | LCLB      | CNET     | S    | 8:30A - 4:25P  | F001 | 1            | 16  | 9   | 3/31 - 4/7  |
| <p>Note: CNET sections meet in person beginning date only; remaining instruction is online utilizing D2L.</p>   |                     |             |           |          |      |                |      |              |     |     |             |
| LWT 170-WN750   | BLS FOR HCP         | Compressed  | LCLB      | CNET     | S    | 8:30A - 4:25P  | F001 | 1            | 16  | 9   | 4/14 - 4/21 |
| <p>Note: CNET sections meet in person beginning date only; remaining instruction is online utilizing D2L.</p>   |                     |             |           |          |      |                |      |              |     |     |             |
| NUR 100A-WN210  | INTRO NURSG CAREERS | Compressed  | LCLB      | CNET     | R    | 4:00P - 6:00P  | F251 | 1            | 30  | 30  | 1/12 - 2/16 |
| NUR 100A-WN220  | INTRO NURSG CAREERS | Compressed  | LCLB      | CNET     | R    | 6:00P - 8:00P  | F251 | 1            | 30  | 28  | 1/12 - 2/16 |
| NUR 100A-WN230  | INTRO NURSG CAREERS | Compressed  | LCLB      | CNET     | W    | 6:00P - 8:00P  | F250 | 1            | 30  | 23  | 3/28 - 4/27 |
| ABS 101W-WN720  | COLLEGE SUCCESS     | Compressed  | LCLB      | CNET     | S    | 8:00A - 11:55A | S221 | 2            | 21  | 19  | 2/4 - 3/17  |
| <p>Class will meet as scheduled on Saturday - 2/4, 2/18, 2/25, 3/3, and 3/17 ONLY. Remaining contact hours will be on-line using Desire2Learn. Note: Visit the eLearning Website for orientation information.</p>   |                     |             |           |          |      |                |      |              |     |     |             |
| LW 221W-WN720   | FITNESS & WELLNESS  | Compressed  | LCLB      | CNET     | TR   | 9:00A - 10:55A | P209 | 2            | 20  | 17  | 3/1 - 4/26  |
| <p>The activity portion of this class will be Fitness Walking.</p>  |                     |             |           |          |      |                |      |              |     |     |             |
| ACC 216W-WN120  | VITA                | Regular     | LCLB      | OTHR     | M    | 9:00A - 12:55P | TBA  | 2            | 3   | 0   | 1/9 - 4/23  |
| <p>The first three meetings for this section will be held at Delta main campus, Room A121 on Friday, January 13, 20, and 27 from 1pm- 5pm for training purposes. The remaining meeting days and times will be per the course listing at Financial Edge Credit Union, 1199 S. Euclid Ave., Bay City, MI 48706.</p>   |                     |             |           |          |      |                |      |              |     |     |             |
| ACC 216W-WN121  | VITA                | Regular     | LCLB      | OTHR     | T    | 9:00A - 12:55P | TBA  | 2            | 3   | 0   | 1/10 - 4/24 |
| <p>The first three meetings for this section will be held at Delta main campus, Room A121 on Friday, January 13, 20, and 27 from 1pm- 5pm for training purposes. The remaining meeting days and times will be per the course listing at Financial Edge Credit Union, 1199 S. Euclid Ave., Bay City, MI 48706.</p>   |                     |             |           |          |      |                |      |              |     |     |             |
| ACC 216W-WN122  | VITA                | Regular     | LCLB      | OTHR     | W    | 9:00A - 12:55P | TBA  | 2            | 3   | 2   | 1/11 - 4/25 |
| <p>The first three meetings for this section will be held at Delta main campus, Room A121 on Friday, January 13, 20, and 27 from 1pm- 5pm for training purposes. The remaining meeting days and times will be per the course listing at Financial Edge Credit Union, 1199 S. Euclid Ave., Bay City, MI 48706.</p>   |                     |             |           |          |      |                |      |              |     |     |             |
| ACC 216W-WN123  | VITA                | Regular     | LCLB      | OTHR     | R    | 9:00A - 12:55P | TBA  | 2            | 3   | 0   | 1/12 - 4/26 |
| <p>The first three meetings for this section will be held at Delta main campus, Room A121 on Friday, January 13, 20, and 27 from 1pm- 5pm for training purposes. The remaining meeting days and times will be per the course listing at Financial Edge Credit Union, 1199 S. Euclid Ave., Bay City, MI 48706.</p>   |                     |             |           |          |      |                |      |              |     |     |             |
| ACC 216W-WN124  | VITA                | Regular     | LCLB      | OTHR     | T    | 10:00A - 1:55P | TBA  | 2            | 2   | 1   | 1/10 - 4/24 |
| <p>The first three meetings for this section will be held at Delta main campus, Room A121 on Friday, January 13, 20, and 27 from 1pm - 5pm for training purposes. The remaining meeting days and times will be per the course listing at the Pinconning Township Hall.</p>  |                     |             |           |          |      |                |      |              |     |     |             |
| ACC 216W-WN130  | VITA                | Regular     | LCLB      | OTHR     | R    | 8:15A - 12:10P | TBA  | 2            | 3   | 0   | 1/12 - 4/26 |
| <p>The first three meetings for this section will be held at Delta main campus, Room A121 on Friday, January 13, 20, and 27 from 1pm - 5pm for training purposes. The remaining meeting days and times will be per the course listing at the Midland Community Center.</p>  |                     |             |           |          |      |                |      |              |     |     |             |
| ACC 216W-WN131  | VITA                | Regular     | LCLB      | OTHR     | R    | 11:30A - 3:25P | TBA  | 2            | 3   | 0   | 1/12 - 4/26 |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Mixed Face to Face

| Section Name   | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|--|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| The first three meetings for this section will be held at Delta main campus, Room A121 on Friday, January 13, 20, and 27 from 1pm - 5pm for training purposes. The remaining meeting days and times will be per the course listing at the Midland Community Center.                            |                     |             |           |          |      |                 |      |              |     |     |             |
| ACC 216W-WN133   | VITA                | Regular     | LCLB      | OTHR     | F    | 8:15A - 12:10P  | TBA  | 2            | 3   | 1   | 1/13 - 4/27 |
| The first three meetings for this section will be held at Delta main campus, Room A121 on Friday, January 13, 20, and 27 from 1pm - 5pm for training purposes. The remaining meeting days and times will be per the course listing at the Midland Community Center.                            |                     |             |           |          |      |                 |      |              |     |     |             |
| ACC 216W-WN140   | VITA                | Regular     | LCLB      | OTHR     | M    | 9:00A - 12:55P  | TBA  | 2            | 3   | 0   | 1/9 - 4/23  |
| The first three meetings for this section will be held at Delta main campus, Room A121 on Friday, January 13, 20, and 27 from 1pm - 5pm for training purposes. The remaining meeting days and times will be per the course listing at Butman Fish Library.                                     |                     |             |           |          |      |                 |      |              |     |     |             |
| ACC 216W-WN141   | VITA                | Regular     | LCLB      | OTHR     | T    | 9:00A - 12:55P  | TBA  | 2            | 3   | 2   | 1/10 - 4/24 |
| The first three meetings for this section will be held at Delta main campus, Room A121 on Friday, January 13, 20, and 27 from 1pm - 5pm for training purposes. The remaining meeting days and times will be per the course listing at Butman Fish Library.                                     |                     |             |           |          |      |                 |      |              |     |     |             |
| ACC 216W-WN142   | VITA                | Regular     | LCLB      | OTHR     | F    | 9:00A - 12:55P  | TBA  | 2            | 2   | 1   | 1/13 - 4/27 |
| The first three meetings for this section will be held at Delta main campus, Room A121 on Friday, January 13, 20, and 27 from 1pm - 5pm for training purposes. The remaining meeting days and times will be per the course listing at Hoyt Library.  |                     |             |           |          |      |                 |      |              |     |     |             |
| ACC 216W-WN143   | VITA                | Regular     | LCLB      | OTHR     | T    | 9:00A - 12:55P  | TBA  | 2            | 3   | 0   | 1/10 - 4/24 |
| The first three meetings for this section will be held at Delta main campus, Room A121 on Friday, January 13, 20, and 27 from 1pm - 5pm for training purposes. The remaining meeting days and times will be per the course listing at the Frankenmuth Credit Union, Town N Country branch.     |                     |             |           |          |      |                 |      |              |     |     |             |
| ACC 216W-WN144   | VITA                | Regular     | LCLB      | OTHR     | W    | 9:00A - 12:55P  | TBA  | 2            | 3   | 0   | 1/11 - 4/25 |
| The first three meetings for this section will be held at Delta main campus, Room A121 on Friday, January 13, 20, and 27 from 1pm - 5pm for training purposes. The remaining meeting days and times will be per the course listing at the Frankenmuth Credit Union, Town N Country branch.     |                     |             |           |          |      |                 |      |              |     |     |             |
| ACC 216W-WN145   | VITA                | Regular     | LCLB      | OTHR     | R    | 9:00A - 12:55P  | TBA  | 2            | 3   | 0   | 1/12 - 4/26 |
| The first three meetings for this section will be held at Delta main campus, Room A121 on Friday, January 13, 20, and 27 from 1pm - 5pm for training purposes. The remaining meeting days and times will be per the course listing at PNC Bank on Outer Drive in Buena Vista (Saginaw County). |                     |             |           |          |      |                 |      |              |     |     |             |
| ACC 216W-WN146   | VITA                | Regular     | LCLB      | OTHR     | F    | 9:00A - 12:55P  | TBA  | 2            | 3   | 0   | 1/13 - 4/27 |
| The first three meetings for this section will be held at Delta main campus, Room A121 on Friday, January 13, 20, and 27 from 1pm - 5pm for training purposes. The remaining meeting days and times will be per the course listing at PNC Bank on Outer Drive in Buena Vista (Saginaw County). |                     |             |           |          |      |                 |      |              |     |     |             |
| ACC 216W-WN205   | VITA                | Regular     | LCLB      | OTHR     | R    | 5:30P - 9:25P   | TBA  | 2            | 3   | 0   | 1/12 - 4/26 |
| The first three meetings for this section will be held at Delta main campus, Room A121 on Friday, January 13, 20, and 27 from 1pm - 5pm for training purposes. The remaining meeting days and times will be per the course listing at the Midland Community Center.                            |                     |             |           |          |      |                 |      |              |     |     |             |
| ACC 216W-WN210   | VITA                | Regular     | LCLB      | OTHR     | R    | 5:00P - 8:55P   | TBA  | 2            | 2   | 0   | 1/12 - 4/26 |
| The first three meetings for this section will be held at Delta main campus, Room A121 on Friday, January 13, 20, and 27 from 1pm - 5pm for training purposes. The remaining meeting days and times will be per the course listing at the Frankenmuth Credit Union, Main Street branch.        |                     |             |           |          |      |                 |      |              |     |     |             |
| ACC 216W-WN410   | VITA                | Regular     | LCLB      | OTHR     | S    | 12:00P - 3:55P  | TBA  | 2            | 3   | 0   | 1/14 - 4/28 |
| The first three meetings for this section will be held at Delta main campus, Room A121 on Friday, January 13, 20, and 27 from 1pm - 5pm for training purposes. The remaining meeting days and times will be per the course listing at the Auburn City Hall.                                    |                     |             |           |          |      |                 |      |              |     |     |             |
| ACC 216W-WN420   | VITA                | Regular     | LCLB      | OTHR     | S    | 9:00A - 12:55P  | TBA  | 2            | 2   | 0   | 1/14 - 4/28 |
| The first three meetings for this section will be held at Delta main campus, Room A121 on Friday, January 13, 20, and 27 from 1pm - 5pm for training purposes. The remaining meeting days and times will be per the course listing at the Frankenmuth Credit Union, Main Street branch.        |                     |             |           |          |      |                 |      |              |     |     |             |
| ACC 285-WN710  | PROF ACCT CAREERS   | Regular     | LCLB      | CNET     | M    | 4:00P - 5:55P   | E116 | 2            | 18  | 14  | 1/9 - 1/9   |
|  |                     | Regular     | LN2       | CNET     | M    | 4:00P - 5:55P   | E116 | 2            |     |     | 1/23 - 1/23 |
|  |                     | Regular     | LN2       | CNET     | M    | 4:00P - 5:55P   | N006 | 2            |     |     | 2/6 - 2/6   |
|  |                     | Regular     | LN2       | CNET     | M    | 4:00P - 5:55P   | E116 | 2            |     |     | 2/20 - 2/20 |
|  |                     | Regular     | LN2       | CNET     | M    | 4:00P - 5:55P   | E116 | 2            |     |     | 3/12 - 3/12 |
|  |                     | Regular     | LN2       | CNET     | M    | 4:00P - 5:55P   | E116 | 2            |     |     | 3/26 - 3/26 |
|  |                     | Regular     | LN2       | CNET     | M    | 4:00P - 5:55P   | J135 | 2            |     |     | 4/9 - 4/9   |
|  |                     | Regular     | LN2       | CNET     | M    | 4:00P - 5:55P   | E116 | 2            |     |     | 4/23 - 4/23 |
| Note: The class will meet on the following 2012 dates: 1/9, 1/23, 2/6, 2/20, 3/12, 3/26, 4/9, 4/23.  |                     |             |           |          |      |                 |      |              |     |     |             |
| LW 221W-WN710  | FITNESS & WELLNESS  | Regular     | LCLB      | CNET     | MW   | 9:00A - 9:55A   | P205 | 2            | 20  | 18  | 1/9 - 1/9   |
|  |                     | Regular     | LN2       | CNET     | MW   | 9:00A - 9:55A   | P210 | 2            |     |     | 1/11 - 4/25 |
| This section will meet face to face on Monday and Wednesday for activity. All other course work will be done online.   |                     |             |           |          |      |                 |      |              |     |     |             |
| MS 113-WN710   | MACHINING PROCESSES | Regular     | LCLB      | CNET     | W    | 10:00A - 11:55A | L125 | 2            | 12  | 10  | 1/11 - 4/25 |
| This Class meets will not meet April 4th. We will meet weekly to review the on line material.  |                     |             |           |          |      |                 |      |              |     |     |             |
| ART 152W-WN710   | ART HIST & APPR II  | Regular     | LCLB      | CNET     | T    | 6:00P - 7:25P   | S105 | 3            | 24  | 20  | 1/10 - 4/24 |
| COM 112W-WN710   | FUND OF ORAL COMNCT | Regular     | LCLB      | CNET     | M    | 5:00P - 7:55P   | S111 | 3            | 20  | 22  | 1/9 - 1/9   |
|  |                     | Regular     | LN2       | CNET     | M    | 5:00P - 7:55P   | S111 | 3            |     |     | 2/6 - 2/6   |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Mixed Face to Face

| Section Name   | Title               | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|--|---------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| COM 112W-WN710   |                     | Regular     | LN2       | CNET     | M    | 5:00P - 7:55P   | S111 | 3            |     |     | 3/12 - 3/12 |
|  |                     | Regular     | LN2       | CNET     | M    | 5:00P - 7:55P   | S111 | 3            |     |     | 4/16 - 4/16 |
| Note: Required class meetings: Jan. 9, Feb. 6, Mar. 12, Apr. 16.   |                     |             |           |          |      |                 |      |              |     |     |             |
| COM 112W-WN720   | FUND OF ORAL COMNCT | Regular     | LCLB      | CNET     | W    | 6:00P - 9:00P   | S111 | 3            | 20  | 12  | 1/11 - 1/11 |
|  |                     | Regular     | LN2       | CNET     | W    | 6:00P - 8:55P   | S111 | 3            |     |     | 2/8 - 2/8   |
|  |                     | Regular     | LN2       | CNET     | W    | 6:00P - 8:55P   | S111 | 3            |     |     | 3/14 - 3/14 |
|  |                     | Regular     | LN2       | CNET     | W    | 6:00P - 8:55P   | S111 | 3            |     |     | 4/18 - 4/18 |
| Note: CNET course. Required class meetings: 1/11/12, 2/8/12, 3/14/12, 4/18/12; from 6 - 9 p.m.   |                     |             |           |          |      |                 |      |              |     |     |             |
| COM 202W-WN700   | ORAL COMM FOR MANGR | Regular     | LCLB      | CNET     | F    | 9:00A - 11:55A  | S113 | 3            | 20  | 16  | 1/13 - 1/13 |
|  |                     | Regular     | LN2       | CNET     | F    | 9:00A - 11:55A  | S113 | 3            |     |     | 1/27 - 1/27 |
|  |                     | Regular     | LN2       | CNET     | F    | 9:00A - 11:55A  | S113 | 3            |     |     | 2/10 - 2/10 |
|  |                     | Regular     | LN2       | CNET     | F    | 9:00A - 11:55A  | S113 | 3            |     |     | 2/24 - 2/24 |
|  |                     | Regular     | LN2       | CNET     | F    | 9:00A - 11:55A  | S113 | 3            |     |     | 3/23 - 3/23 |
|  |                     | Regular     | LN2       | CNET     | F    | 9:00A - 11:55A  | S113 | 3            |     |     | 4/20 - 4/20 |
| Note: CNET course. Required meeting dates: Jan. 13, Jan. 27, Feb. 10, Feb. 24, Mar. 23, Apr. 20.   |                     |             |           |          |      |                 |      |              |     |     |             |
| Note: Required software is Office 2010.  |                     |             |           |          |      |                 |      |              |     |     |             |
| CST 257-WN710  | DATABASE MS ACCESS  | Regular     | LCLB      | CNET     | T    | 4:00P - 5:25P   | K107 | 3            | 18  | 15  | 1/10 - 4/24 |
| Note: Required software is Office 2010.  |                     |             |           |          |      |                 |      |              |     |     |             |
| CST 259-WN710  | ADV ORACLE DB MGT   | Regular     | LCLB      | CNET     | R    | 11:00A - 12:55P | A123 | 3            | 18  | 11  | 1/12 - 4/26 |
| Note: This combination classroom and Internet course will meet January 12 and three other required dates. Remaining meeting dates will be determined with the input of the students present on the first date. |                     |             |           |          |      |                 |      |              |     |     |             |
| CST 265-WN710  | LINUX NETWORKING II | Regular     | LCLB      | CNET     | W    | 5:00P - 6:55P   | K105 | 3            | 18  | 14  | 1/11 - 4/25 |
| ENG 213-WN710  | ADV TECHNICAL COMM  | Regular     | LCLB      | CNET     | W    | 6:00P - 8:55P   | S037 | 3            | 18  | 8   | 1/11 - 1/11 |
|  |                     | Regular     | LC/LB     | CNET     | W    | 6:00P - 8:55P   | S037 | 3            |     |     | 2/1 - 2/1   |
|  |                     | Regular     | LN2       | CNET     | W    | 6:00P - 8:55P   | S037 | 3            |     |     | 4/4 - 4/4   |
|  |                     | Regular     | LN2       | CNET     | W    | 6:00P - 8:55P   | S037 | 3            |     |     | 3/14 - 3/14 |
| This class will meet from 6-8 p.m. on Jan. 11, Feb. 1 and Apr. 4 face-to-face the The rest of the course work is done via the Internet.  |                     |             |           |          |      |                 |      |              |     |     |             |
| ENT 132W-WN710   | ENTREPRENR SM BUS 2 | Regular     | LCLB      | CNET     | R    | 7:00P - 8:25P   | S266 | 3            | 25  | 19  | 1/12 - 4/26 |
| ENV 100W-WN710   | ENVIRONMENTAL/REGS  | Regular     | LCLB      | CNET     | M    | 3:00P - 5:55P   | E110 | 3            | 25  | 25  | 1/9 - 4/25  |
| Section Notes: This course is delivered mostly on-line with three required (minimum) face-to-face sessions. First meeting date will be on in C114 with future dates and times to be determined.                |                     |             |           |          |      |                 |      |              |     |     |             |
| LSP 280W-WN710   | LEGAL RES & WRIT    | Regular     | LCLB      | CNET     | T    | 8:00P - 9:25P   | S258 | 3            | 18  | 17  | 1/10 - 4/24 |
| This course is required in certain Lifelong Wellness Programs and does not meet LW/LWA graduation requirements.  |                     |             |           |          |      |                 |      |              |     |     |             |
| LWT 210-WN710  | NUTRI:SCI OPT LIVNG | Regular     | LCLB      | CNET     | F    | 10:00A - 11:55A | P110 | 3            | 20  | 18  | 1/13 - 4/27 |
| LWT 230-WN710  | THRY STRENGTH/COND  | Regular     | LCLB      | CNET     | R    | 2:00P - 3:55P   | P110 | 3            | 15  | 9   | 1/12 - 4/26 |
| MIT 111W-WN710   | MANUFACTURE PROCESS | Regular     | LCLB      | CNET     | M    | 9:00A - 10:00A  | L114 | 3            | 18  | 13  | 1/9 - 4/23  |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> .   |                     |             |           |          |      |                 |      |              |     |     |             |
| Note: Requires out-of-class testing in the Academic Testing Center (library).  |                     |             |           |          |      |                 |      |              |     |     |             |
| PHM 285-WN710  | PHARM FOR HLTH CARE | Regular     | LCLB      | CNET     | R    | 7:00P - 9:00P   | F250 | 3            | 25  | 23  | 1/12 - 4/26 |
| PHM 285-WN720  | PHARM FOR HLTH CARE | Regular     | LCLB      | CNET     | T    | 4:00P - 7:00P   | F251 | 3            | 25  | 26  | 1/7 - 1/10  |
|  |                     | Regular     | LN2       | CNET     | T    | 4:00P - 6:00P   | F251 | 3            |     |     | 1/17 - 4/27 |
| NOTE:PHM285-WN720: First class session on Tuesday, January 10 will meet from 4:00 - 7:00 p.m. on that date only.   |                     |             |           |          |      |                 |      |              |     |     |             |
| PHM 285-WN730  | PHARM FOR HLTH CARE | Regular     | LCLB      | CNET     | W    | 10:00A - 1:00P  | F251 | 3            | 25  | 29  | 1/11 - 1/11 |
|  |                     | Regular     | LN2       | CNET     | W    | 10:00A - 12:00P | F251 | 3            |     |     | 1/18 - 4/27 |
| NOTE: PHM-285-WN730: NOTE:First class session on Wednesday, January 11 will meet from 10:00am - 1:00 p.m. on that date only.   |                     |             |           |          |      |                 |      |              |     |     |             |
| Note: All sections require the use of the Internet and purchase of WileyPlus.  |                     |             |           |          |      |                 |      |              |     |     |             |
| ACC 211-WN710  | PRIN ACCOUNTING I   | Regular     | LCLB      | CNET     | M    | 12:00P - 2:25P  | M163 | 4            | 25  | 23  | 1/9 - 4/23  |
| Note: Meets in classroom as scheduled; remaining instruction time is online. Recommended only for students with minimum GPA of B,3.3   |                     |             |           |          |      |                 |      |              |     |     |             |
| Note: All sections require the use of the Internet and purchase of WileyPlus.  |                     |             |           |          |      |                 |      |              |     |     |             |
| ACC 212-WN710  | PRIN OF ACCTG II    | Regular     | LCLB      | CNET     | M    | 2:00P - 4:25P   | M104 | 4            | 25  | 23  | 1/9 - 4/23  |
| ACC 212-WN730  | PRIN OF ACCTG II    | Regular     | LCLB      | CNET     | S    | 9:00A - 11:25A  | A208 | 4            | 25  | 16  | 1/7 - 4/21  |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Mixed Face to Face

| Section Name   | Title                | Term Length | Inst Meth | Location | Days | Time            | Room | Credit Hours | Cap | Enr | Dates       |
|--|----------------------|-------------|-----------|----------|------|-----------------|------|--------------|-----|-----|-------------|
| ACC 227W-WN710   | INT ACC 1            | Regular     | LCLB      | CNET     | W    | 10:00A - 11:55A | M105 | 4            | 25  | 27  | 1/11 - 4/25 |
| Note: Meets in the classroom as scheduled; remaining instruction time will be online.  |                      |             |           |          |      |                 |      |              |     |     |             |
| ACC 228W-WN710   | INT ACC II           | Regular     | LCLB      | CNET     | M    | 2:00P - 3:55P   | E116 | 4            | 25  | 23  | 1/9 - 4/23  |
| Note: Meets in the classroom as scheduled; remaining instruction time will be completed online.  |                      |             |           |          |      |                 |      |              |     |     |             |
| BIO 111W-WN710   | PRINCIPLS OF BIOLOGY | Regular     | LCLB      | CNET     | S    | 10:00A - 4:55P  | C116 | 4            | 20  | 17  | 1/9 - 4/27  |
| Note: Students meet on TWO Saturdays, February 11 and April 7 from 10AM to 5PM to conduct labs in C116 on campus. The rest of the course requirements such as concept development, discussion and online quizzes will take place in D2L. For more information visit <a href="http://www.delta.edu/mmowlavi">http://www.delta.edu/mmowlavi</a>  |                      |             |           |          |      |                 |      |              |     |     |             |
| BIO 111W-WN720   | PRINCIPLS OF BIOLOGY | Regular     | LCLB      | CNET     | MW   | 6:00P - 7:55P   | C116 | 4            | 25  | 20  | 1/9 - 4/25  |
| Note: CNET course with 4 hours of classroom time supplemented by 2 hours of online learning activities per week. Exams will be taken in the Testing Center.  |                      |             |           |          |      |                 |      |              |     |     |             |
| BIO 203W-WN710   | MICROBIOLOGY         | Regular     | LCLB      | CNET     | F    | 9:00A - 3:55P   | F110 | 4            | 20  | 18  | 1/9 - 4/27  |
| Note: Mandatory laboratory sessions on four Fridays from 9am to 4pm in room F-110 on 1/20, 2/3, 3/30, and 4/6. Additional labs will be completed online with virtual labs. Instruction, discussions, and assignments take place on our D2L homepage. In the event of a snow-day on one either 1/20 or 2/3, lab will be held on 2/10. For more information, go to <a href="http://www.delta.edu/science/microbiology.aspx">http://www.delta.edu/science/microbiology.aspx</a> |                      |             |           |          |      |                 |      |              |     |     |             |
| <u>Note: Same as SOC 230W and may be taken for SOC or BIO credit but not both.</u>   |                      |             |           |          |      |                 |      |              |     |     |             |
| BIO 230W-WN710   | PHYS ANTHROPOLOGY    | Regular     | LCLB      | CNET     | M    | 12:00P - 1:55P  | S041 | 4            | 20  | 5   | 1/9 - 4/23  |
| Notes: Video and Internet used extensively for course work and interaction. A \$28 fee will be assessed for licensing use of video materials and/or online content. Meets in classroom as scheduled. Remaining instruction time will be completed online. Testing may be required in Testing Center.   |                      |             |           |          |      |                 |      |              |     |     |             |
| <u>Note: You must purchase a Basic Computer Tool Kit.</u>  |                      |             |           |          |      |                 |      |              |     |     |             |
| CST 128-WN710  | PC HARDWARE CONCEPT  | Regular     | LCLB      | CNET     | T    | 4:00P - 5:55P   | K110 | 4            | 16  | 14  | 1/10 - 4/24 |
| CST 133W-WN710   | CMPUTR COMPETENCIES  | Regular     | LCLB      | CNET     | T    | 8:00A - 9:55A   | K111 | 4            | 22  | 22  | 1/10 - 4/24 |
| Note: Required software is Office 2010. Class meets in the classroom as scheduled; remaining instruction time will be completed online. Plan 6-8 hours of study/work outside of class.   |                      |             |           |          |      |                 |      |              |     |     |             |
| CST 228-WN710  | ADV PC TRBLESHT A+   | Regular     | LCLB      | CNET     | W    | 12:00P - 1:55P  | K110 | 4            | 16  | 17  | 1/11 - 4/25 |
| Note: CNET course. Meets in the classroom as scheduled; remaining instruction time will be completed online.   |                      |             |           |          |      |                 |      |              |     |     |             |
| LWT 242-WN710  | GROUP FITNESS INST   | Regular     | LCLB      | CNET     | F    | 12:00P - 1:55P  | P209 | 4            | 15  | 11  | 1/13 - 4/27 |
| <u>Note: THEORY COURSE: Must also register for lab section and Elsevier computerized assessment testing (FEE 905). Lecture times vary within the scheduled days/hours. Detailed calendar provided by instructor.</u>   |                      |             |           |          |      |                 |      |              |     |     |             |
| NUR 250W-WN710   | NSG CARE/MGMT L      | Regular     | LCLB      | CNET     | T    | 9:00A - 3:00P   | F010 | 4            | 30  | 29  | 1/10 - 1/17 |
|  |                      | Regular     | LN2       | CNET     | R    | 9:00A - 3:00P   | F010 | 4            |     |     | 1/12 - 1/19 |
| NUR 250W-WN720   | NSG CARE/MGMT L      | Regular     | LCLB      | CNET     | M    | 9:00A - 2:55P   | F240 | 4            | 30  | 28  | 1/9 - 1/9   |
|  |                      | Regular     | LN2       | CNET     | F    | 9:00A - 2:55P   | F240 | 4            |     |     | 1/13 - 1/13 |
| SOC 230W-WN710   | PHYSICL ANTHROP/ARCH | Regular     | LCLB      | CNET     | M    | 12:00P - 1:55P  | S041 | 4            | 20  | 17  | 1/9 - 4/23  |
| Note: Meets in classroom as scheduled. Remaining instruction time will be completed online. Testing may be required in Testing Center, Video and internet used extensively for course work and interaction. A \$28 content fee will be assessed for licensing use of video materials and/or online content when you register for this course.  |                      |             |           |          |      |                 |      |              |     |     |             |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Distance

| Section Name  | Title               | Term Length | Inst Meth | Location | Days | Time | Room | Credit Hours | Cap | Enr | Dates       |
|---|---------------------|-------------|-----------|----------|------|------|------|--------------|-----|-----|-------------|
| <u>Note: This is a prerequisite for Company Officer I/II state certification.</u>   |                     |             |           |          |      |      |      |              |     |     |             |
| FST 115-WN810   | MCTO:P              | Compressed  | LCLB      | INET     |      | -    | INET | 0.8          | 16  | 10  | 4/9 - 5/6   |
| <u>Note: This is a prerequisite for Company Officer I/II state certification.</u>   |                     |             |           |          |      |      |      |              |     |     |             |
| FST 117-WN810   | MCTO:D              | Compressed  | LCLB      | INET     |      | -    | INET | 0.8          | 16  | 10  | 2/6 - 3/4   |
| ABS 200W-WN810  | CAREER DECISION MKG | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 21  | 22  | 2/6 - 3/26  |
| <u>Note: Required software is Windows 7 and Office 2010.</u>  |                     |             |           |          |      |      |      |              |     |     |             |
| CST 103-WN810   | WINDOWS FOUNDATIONS | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 18  | 19  | 1/9 - 2/29  |
| Note: All instruction will be completed online.   |                     |             |           |          |      |      |      |              |     |     |             |
| <u>Note: Required software is Word 2010.</u>  |                     |             |           |          |      |      |      |              |     |     |             |
| CST 104-WN810   | MS WORD FOUNDATIONS | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 18  | 19  | 3/13 - 4/24 |
| Note: Out of class testing required.  |                     |             |           |          |      |      |      |              |     |     |             |
| CST 106-WN810   | INTERNET FOUNDATION | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 18  | 17  | 1/9 - 2/27  |
| Note: All instruction will be completed online.   |                     |             |           |          |      |      |      |              |     |     |             |
| CST 106-WN820   | INTERNET FOUNDATION | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 18  | 17  | 1/9 - 2/20  |
| Note: All instruction will be completed online.   |                     |             |           |          |      |      |      |              |     |     |             |
| CST 110-WN810   | WEB PAGE HTML       | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 18  | 17  | 2/29 - 4/23 |
| Note: All instruction will be completed online.   |                     |             |           |          |      |      |      |              |     |     |             |
| CST 110-WN820   | WEB PAGE HTML       | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 18  | 16  | 2/27 - 4/23 |
| Note: All instruction will be completed online.   |                     |             |           |          |      |      |      |              |     |     |             |
| CST 120-WN810   | COMMAND LINE(DOS)   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 18  | 19  | 1/9 - 2/27  |
| Note: Contact instructor for orientation information.   |                     |             |           |          |      |      |      |              |     |     |             |
| <u>Note: Required software is Windows 7 and Office 2010.</u>  |                     |             |           |          |      |      |      |              |     |     |             |
| CST 123-WN810   | WINDOWS OS          | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 18  | 18  | 3/12 - 4/23 |
| Note: All instruction will be completed online.   |                     |             |           |          |      |      |      |              |     |     |             |
| CST 123-WN820   | WINDOWS OS          | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 18  | 18  | 3/12 - 4/23 |
| Note: All instruction will be completed online.   |                     |             |           |          |      |      |      |              |     |     |             |
| CST 170-WN810   | COMPUTER PROGRAM I  | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 18  | 17  | 1/9 - 3/2   |
| CST 170-WN820   | COMPUTER PROGRAM I  | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 18  | 17  | 2/29 - 4/27 |
| <u>Note: This is a prerequisite for Company Officer I/II state certification.</u>   |                     |             |           |          |      |      |      |              |     |     |             |
| FST 220-WN810   | STICO               | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 25  | 17  | 3/12 - 4/8  |
| <u>Note: This is a prerequisite for Company Officer I/II state certification.</u>   |                     |             |           |          |      |      |      |              |     |     |             |
| FST 301-WN810   | INCIDENT COM SYS    | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 16  | 4/9 - 5/6   |
| <u>Note: Text book and Course packet REQUIRED on first class meeting.</u>   |                     |             |           |          |      |      |      |              |     |     |             |
| LW 220W-WN802   | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 19  | 1/9 - 3/2   |
| Note: Contact <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information.                           |                     |             |           |          |      |      |      |              |     |     |             |
| LW 220W-WN804   | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 21  | 3/12 - 4/27 |
| Note: Contact <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information.                           |                     |             |           |          |      |      |      |              |     |     |             |
| LW 220W-WN806   | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 20  | 1/16 - 3/2  |
| Note: Contact <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information.                           |                     |             |           |          |      |      |      |              |     |     |             |
| LW 220W-WN812   | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 18  | 1/9 - 2/22  |
| Note: Contact <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information. Orientation is mandatory. |                     |             |           |          |      |      |      |              |     |     |             |
| LW 220W-WN814   | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 19  | 3/12 - 4/27 |
| Note: Contact <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information.                           |                     |             |           |          |      |      |      |              |     |     |             |
| LW 220W-WN816   | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 17  | 3/12 - 4/27 |
| Note: Contact <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information.                           |                     |             |           |          |      |      |      |              |     |     |             |
| LW 220W-WN818   | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 18  | 1/9 - 3/2   |
| Note: Contact <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information.                           |                     |             |           |          |      |      |      |              |     |     |             |
| LW 220W-WN824   | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 19  | 1/9 - 3/2   |
| Note: Contact <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information.                           |                     |             |           |          |      |      |      |              |     |     |             |
| LW 220W-WN826   | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 19  | 3/12 - 4/27 |
| Note: Contact <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information.                           |                     |             |           |          |      |      |      |              |     |     |             |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Distance

| Section Name   | Title               | Term Length | Inst Meth | Location | Days | Time | Room | Credit Hours | Cap | Enr | Dates       |
|--|---------------------|-------------|-----------|----------|------|------|------|--------------|-----|-----|-------------|
| LW 220W-WN828  | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 19  | 1/16 - 3/2  |
| Note: Contact <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information.  |                     |             |           |          |      |      |      |              |     |     |             |
| LW 220W-WN830  | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 19  | 1/9 - 3/1   |
| Note: Contact <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information.  |                     |             |           |          |      |      |      |              |     |     |             |
| LW 220W-WN834  | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 20  | 3/12 - 4/27 |
| Note: Contact <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information.  |                     |             |           |          |      |      |      |              |     |     |             |
| LW 220W-WN844  | LIFELONG WELLNESS   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 20  | 20  | 3/12 - 4/27 |
| NUR 100A-WN905   | INTRO NURSG CAREERS | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 30  | 26  | 1/20 - 2/24 |
| RAD 264-WN810  | CROSS-SEC IMAGING   | Compressed  | LCLB      | INET     |      | -    | INET | 1            | 15  | 13  | 1/9 - 2/28  |
| ABS 101W-WN810   | COLLEGE SUCCESS     | Compressed  | LCLB      | INET     |      | -    | INET | 2            | 21  | 21  | 1/9 - 2/20  |
| ABS 101W-WN820   | COLLEGE SUCCESS     | Compressed  | LCLB      | INET     |      | -    | INET | 2            | 21  | 21  | 2/22 - 4/27 |
| <u>Note: Required software is Word 2010.</u>   |                     |             |           |          |      |      |      |              |     |     |             |
| CST 204-WN810  | MS WORD INTER       | Compressed  | LCLB      | INET     |      | -    | INET | 2            | 18  | 21  | 1/12 - 3/22 |
| Note: Winter-only class.   |                     |             |           |          |      |      |      |              |     |     |             |
| PHL 210W-WN810   | INFO/TECH ETHIC/LAW | Compressed  | LCLB      | INET     |      | -    | INET | 2            | 18  | 19  | 1/10 - 3/20 |
| PHL 210W-WN820   | INFO/TECH ETHIC/LAW | Compressed  | LCLB      | INET     |      | -    | INET | 2            | 18  | 17  | 1/10 - 3/20 |
| PHL 210W-WN830   | INFO/TECH ETHIC/LAW | Compressed  | LCLB      | INET     |      | -    | INET | 2            | 18  | 15  | 1/9 - 3/20  |
| PHL 210W-WN840   | INFO/TECH ETHIC/LAW | Compressed  | LCLB      | INET     |      | -    | INET | 2            | 18  | 17  | 1/10 - 3/20 |
| COM 114W-WN810   | INTERPRSNL COMMUNCT | Compressed  | LCLB      | INET     |      | -    | INET | 3            | 20  | 20  | 1/7 - 3/7   |
| Note: This is a 7 1/2 week course. A recommended orientation will be held on Wednesday, 1/11/12, from 5 - 6:30 p.m., Room TBA.   |                     |             |           |          |      |      |      |              |     |     |             |
| COM 114W-WN820   | INTERPRSNL COMMUNCT | Compressed  | LCLB      | INET     |      | -    | INET | 3            | 20  | 20  | 1/7 - 3/7   |
| Note: This is a 7 1/2 week course. A recommended orientation will be held on Wed., 1/11/12, from 5 - 6:30 p.m., Room TBA.  |                     |             |           |          |      |      |      |              |     |     |             |
| COM 224W-WN810   | NONVERBAL COMMUNCAT | Compressed  | LCLB      | INET     |      | -    | INET | 3            | 20  | 18  | 1/11 - 3/7  |
| Note: This is a 7 1/2 week course. A recommended orientation will be held Wed., 1/11/12, from 5 - 6:30 p.m. in Room TBA.   |                     |             |           |          |      |      |      |              |     |     |             |
| COM 245W-WN810   | INTERCULT COMM      | Compressed  | LCLB      | INET     |      | -    | INET | 3            | 20  | 19  | 1/9 - 4/2   |
| This is a 12 week class, starting 1/9/12 and ending 4/2/12. Orientation is Monday, January 9, 2012, from 6 - 8 p.m., in Room TBA.  |                     |             |           |          |      |      |      |              |     |     |             |
| <u>Note: Course requires development of an academic service learning project. Credit may be earned in only one of the following: SSI 288, SSI 289, IHU 280, IHU 281, EDU 388, EDU 389.</u>   |                     |             |           |          |      |      |      |              |     |     |             |
| EDU 389W-WN810   | EXPL DIVERSITY PROJ | Compressed  | LCLB      | INET     |      | -    | INET | 3            | 15  | 2   | 1/14 - 4/11 |
| EDU 392W-WN810   | INTERNET TEACH TECH | Compressed  | LCLB      | INET     |      | -    | INET | 3            | 12  | 14  | 1/24 - 4/27 |
| EDU 392XW-WN810  | ADV INET TEACHING   | Compressed  | LCLB      | INET     |      | -    | INET | 3            | 18  | 9   | 1/24 - 4/27 |
| Note: The textbook, which is optional, is for reference material only. All students will be required to attend at least one F2F meeting; dates/times to be determined by the class. If you have questions/concerns, please contact the instructor. |                     |             |           |          |      |      |      |              |     |     |             |
| IHU 101-WN820  | HUMANITIES THRU ART | Compressed  | LCLB      | INET     |      | -    | INET | 3            | 20  | 18  | 1/12 - 3/5  |
| Note: This is a 7 1/2 week course. A recommended orientation will be held on Wednesday, 1/11/12, 4:00 - 4:55 p.m. in Room TBA.   |                     |             |           |          |      |      |      |              |     |     |             |
| PHL 213W-WN810   | INTRODUCTN TO ETHIC | Compressed  | LCLB      | INET     |      | -    | INET | 3            | 18  | 20  | 1/9 - 4/8   |
| Note: Audio and video tapes required. Contact <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning</a> for orientation information.  |                     |             |           |          |      |      |      |              |     |     |             |
| PHL 213W-WN820   | INTRODUCTN TO ETHIC | Compressed  | LCLB      | INET     |      | -    | INET | 3            | 18  | 18  | 1/9 - 4/8   |
| ECN 221W-WN840   | PRIN OF MACROECON   | Compressed  | LCLB      | INET     |      | -    | INET | 4            | 18  | 26  | 1/9 - 3/2   |
| Note: Enroll in both ECN 221W WN840 and ECN 222W WN820 to complete in same semester.   |                     |             |           |          |      |      |      |              |     |     |             |
| ECN 222W-WN820   | PRIN OF MICROECON   | Compressed  | LCLB      | INET     |      | -    | INET | 4            | 18  | 23  | 3/12 - 4/27 |
| Note: Enroll in both ECN 221W-WN840 and ECN 222W-WN820 to complete in same semester.   |                     |             |           |          |      |      |      |              |     |     |             |
| <u>Note: The additional class time will be announced in the course syllabus.</u>   |                     |             |           |          |      |      |      |              |     |     |             |
| DH 227W-WN810  | COMMUNITY DENT II   | Regular     | LCLB      | INET     |      | -    | INET | 1            | 18  | 16  | 1/11 - 4/25 |
| <u>Note: Text book and Course packet REQUIRED on first class meeting.</u>  |                     |             |           |          |      |      |      |              |     |     |             |
| LW 220W-WN820  | LIFELONG WELLNESS   | Regular     | LCLB      | INET     |      | -    | INET | 1            | 20  | 18  | 1/9 - 4/27  |
| Note: Contact <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information.  |                     |             |           |          |      |      |      |              |     |     |             |
| LW 220W-WN836  | LIFELONG WELLNESS   | Regular     | LCLB      | INET     |      | -    | INET | 1            | 20  | 20  | 1/9 - 4/27  |
| LW 220W-WN840  | LIFELONG WELLNESS   | Regular     | LCLB      | INET     |      | -    | INET | 1            | 20  | 13  | 1/9 - 4/27  |
| Note: Contact <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information. Orientation is mandatory.  |                     |             |           |          |      |      |      |              |     |     |             |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Distance

| Section Name   | Title                 | Term Length | Inst Meth | Location | Days | Time | Room | Credit Hours | Cap | Enr | Dates       |
|----------------|-----------------------|-------------|-----------|----------|------|------|------|--------------|-----|-----|-------------|
| ACE 205W-WN810 | YR 11 EXP 1 BUS HS    | Regular     | LCLB      | INET     |      | -    | INET | 2            | 15  | 8   | 1/11 - 4/25 |
| ACE 206W-WN810 | YR 11 EXP 11 BUS HS   | Regular     | LCLB      | INET     |      | -    | INET | 2            | 15  | 12  | 1/11 - 4/25 |
| ACE 210W-WN810 | YR 11 EXP 1 COM SCI   | Regular     | LCLB      | INET     |      | -    | INET | 2            | 15  | 1   | 1/11 - 4/25 |
| ACE 211W-WN810 | YR 11 EXP 11 COM SC   | Regular     | LCLB      | INET     |      | -    | INET | 2            | 15  | 3   | 1/11 - 4/25 |
| ACE 215W-WN810 | YR 11 EXP 1 HLTH SC   | Regular     | LCLB      | INET     |      | -    | INET | 2            | 15  | 1   | 1/11 - 4/25 |
| ACE 216W-WN810 | YR 11 EXP 11 HLTH SC  | Regular     | LCLB      | INET     |      | -    | INET | 2            | 15  | 2   | 1/11 - 4/25 |
| ACE 220W-WN810 | YR 11 EXP 1 TECH IND  | Regular     | LCLB      | INET     |      | -    | INET | 2            | 15  | 6   | 1/11 - 4/25 |
| ACE 221W-WN810 | YR 11 ECP 11 TECH IND | Regular     | LCLB      | INET     |      | -    | INET | 2            | 15  | 7   | 1/11 - 4/25 |
| CST 126-WN810  | UNIX/LINUX OS         | Regular     | LCLB      | INET     |      | -    | INET | 2            | 18  | 18  | 1/9 - 4/26  |
| CST 163-WN810  | WIN NETWORK ADM       | Regular     | LCLB      | INET     |      | -    | INET | 2            | 18  | 12  | 1/9 - 4/23  |
| CST 210-WN810  | ADVANCED WEB PAGE     | Regular     | LCLB      | INET     |      | -    | INET | 2            | 18  | 16  | 1/9 - 4/23  |

Note: All instruction time will be completed online.

Note: Credit may be earned in only one of the following: SSI 288, SSI 289, IHU 280, IHU 281, EDU 388, EDU 389.

|                |                     |         |      |      |  |   |      |   |    |    |             |
|----------------|---------------------|---------|------|------|--|---|------|---|----|----|-------------|
| EDU 388W-WN810 | EXPLOR DIVERSITY    | Regular | LCLB | INET |  | - | INET | 2 | 15 | 2  | 1/14 - 4/27 |
| HSC 105-WN810  | MEDICAL TERMINOLOGY | Regular | LCLB | INET |  | - | INET | 2 | 25 | 26 | 1/9 - 4/27  |

Note: Contact <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information. The textbook for this course must have an access code to do work online.

|               |                     |         |      |      |  |   |      |   |    |    |            |
|---------------|---------------------|---------|------|------|--|---|------|---|----|----|------------|
| HSC 105-WN820 | MEDICAL TERMINOLOGY | Regular | LCLB | INET |  | - | INET | 2 | 25 | 24 | 1/9 - 4/27 |
|---------------|---------------------|---------|------|------|--|---|------|---|----|----|------------|

Note: Contact <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information. The textbook for this course must have an access code to do work online.

|               |                     |         |      |      |  |   |      |   |    |    |            |
|---------------|---------------------|---------|------|------|--|---|------|---|----|----|------------|
| HSC 105-WN830 | MEDICAL TERMINOLOGY | Regular | LCLB | INET |  | - | INET | 2 | 25 | 20 | 1/9 - 4/27 |
|---------------|---------------------|---------|------|------|--|---|------|---|----|----|------------|

Note: Contact <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information. The textbook for this course must have an access code to do work online.

|               |                     |         |      |      |  |   |      |   |    |    |            |
|---------------|---------------------|---------|------|------|--|---|------|---|----|----|------------|
| HSC 105-WN840 | MEDICAL TERMINOLOGY | Regular | LCLB | INET |  | - | INET | 2 | 25 | 25 | 1/9 - 4/27 |
|---------------|---------------------|---------|------|------|--|---|------|---|----|----|------------|

Note: Contact <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information. The textbook for this course must have an access code to do work online.

|               |                     |         |      |      |  |   |      |   |    |    |            |
|---------------|---------------------|---------|------|------|--|---|------|---|----|----|------------|
| HSC 105-WN850 | MEDICAL TERMINOLOGY | Regular | LCLB | INET |  | - | INET | 2 | 25 | 31 | 1/9 - 4/27 |
|---------------|---------------------|---------|------|------|--|---|------|---|----|----|------------|

Note: Contact <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information. The textbook for this course must have an access code to do work online.

|               |                     |         |      |      |  |   |      |   |    |    |            |
|---------------|---------------------|---------|------|------|--|---|------|---|----|----|------------|
| HSC 105-WN860 | MEDICAL TERMINOLOGY | Regular | LCLB | INET |  | - | INET | 2 | 25 | 24 | 1/9 - 4/27 |
|---------------|---------------------|---------|------|------|--|---|------|---|----|----|------------|

Note: Contact <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information. The textbook for this course must have an access code to do work online.

|               |                     |         |      |      |  |   |      |   |    |    |            |
|---------------|---------------------|---------|------|------|--|---|------|---|----|----|------------|
| HSC 105-WN870 | MEDICAL TERMINOLOGY | Regular | LCLB | INET |  | - | INET | 2 | 25 | 23 | 1/9 - 4/27 |
|---------------|---------------------|---------|------|------|--|---|------|---|----|----|------------|

Note: Contact <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information. The textbook for this course must have an access code to do work online.

Note: Credit may be earned in only one of the following: SSI 288, SSI 289, IHU 280, IHU 281, EDU 388, EDU 389.

|                |                  |         |      |      |  |   |      |   |    |    |             |
|----------------|------------------|---------|------|------|--|---|------|---|----|----|-------------|
| IHU 280W-WN810 | EXPLOR DIVERSITY | Regular | LCLB | INET |  | - | INET | 2 | 15 | 11 | 1/16 - 4/27 |
|----------------|------------------|---------|------|------|--|---|------|---|----|----|-------------|

|               |             |         |      |      |  |   |      |   |    |    |            |
|---------------|-------------|---------|------|------|--|---|------|---|----|----|------------|
| MTH 096-WN810 | PRE-ALGEBRA | Regular | LCLB | INET |  | - | INET | 2 | 18 | 21 | 1/9 - 4/26 |
|---------------|-------------|---------|------|------|--|---|------|---|----|----|------------|

Note: Online orientation required at eLearning Site. Tests in Academic Testing Center on Delta's main campus. Computer aided homework section. Contact the <a href="mailto:pacariso@delta.edu">instructor</a>

|               |             |         |      |      |  |   |      |   |    |    |            |
|---------------|-------------|---------|------|------|--|---|------|---|----|----|------------|
| MTH 096-WN820 | PRE-ALGEBRA | Regular | LCLB | INET |  | - | INET | 2 | 18 | 19 | 1/9 - 4/26 |
|---------------|-------------|---------|------|------|--|---|------|---|----|----|------------|

Note: Note: Online orientation required at eLearning Site. Tests in Academic Testing Center on Delta's main campus. Computer aided homework section. Contact the <a href="mailto:pacariso@delta.edu">instructor</a>

Note: Credit may be earned in only one of the following: SSI 288, SSI 289, IHU 280, IHU 281, EDU 388, EDU 389.

|                |                  |         |      |      |  |   |      |   |    |   |             |
|----------------|------------------|---------|------|------|--|---|------|---|----|---|-------------|
| SSI 288W-WN810 | EXPLOR DIVERSITY | Regular | LCLB | INET |  | - | INET | 2 | 15 | 3 | 1/16 - 4/27 |
|----------------|------------------|---------|------|------|--|---|------|---|----|---|-------------|

|                |                       |         |      |      |  |   |      |   |    |    |            |
|----------------|-----------------------|---------|------|------|--|---|------|---|----|----|------------|
| ACC 215W-WN810 | FEDERAL TAX ACCOUNTIN | Regular | LCLB | INET |  | - | INET | 3 | 25 | 20 | 1/9 - 4/27 |
|----------------|-----------------------|---------|------|------|--|---|------|---|----|----|------------|

Note: Students may be required to come to campus during the semester. If necessary, contact the instructor for details.

|               |                     |         |      |      |  |   |      |   |    |    |            |
|---------------|---------------------|---------|------|------|--|---|------|---|----|----|------------|
| ACC 235-WN810 | FINANCIAL MANAGEMNT | Regular | LCLB | INET |  | - | INET | 3 | 25 | 24 | 1/9 - 4/25 |
|---------------|---------------------|---------|------|------|--|---|------|---|----|----|------------|

Note: Students may be required to come to campus during the semester. If necessary, contact the instructor for details.

|                |                   |         |      |      |  |   |      |   |    |    |             |
|----------------|-------------------|---------|------|------|--|---|------|---|----|----|-------------|
| ACE 106W-WN810 | YR 1 EXP 1 BUS HS | Regular | LCLB | INET |  | - | INET | 3 | 15 | 18 | 1/11 - 4/25 |
|----------------|-------------------|---------|------|------|--|---|------|---|----|----|-------------|

|                |                   |         |      |      |  |   |      |   |    |    |             |
|----------------|-------------------|---------|------|------|--|---|------|---|----|----|-------------|
| ACE 106W-WN820 | YR 1 EXP 1 BUS HS | Regular | LCLB | INET |  | - | INET | 3 | 15 | 20 | 1/11 - 4/25 |
|----------------|-------------------|---------|------|------|--|---|------|---|----|----|-------------|



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Distance

| Section Name  | Title                | Term Length | Inst Meth | Location | Days | Time | Room | Credit Hours | Cap | Enr | Dates       |
|---|----------------------|-------------|-----------|----------|------|------|------|--------------|-----|-----|-------------|
| ACE 111W-WN810  | YR 1 EXP 1 COM SC    | Regular     | LCLB      | INET     |      | -    | INET | 3            | 15  | 6   | 1/11 - 4/25 |
| ACE 111W-WN820  | YR 1 EXP 1 COM SC    | Regular     | LCLB      | INET     |      | -    | INET | 3            | 15  | 1   | 1/11 - 4/25 |
| ACE 116W-WN810  | YR 1 EXP 1 HLTH SC   | Regular     | LCLB      | INET     |      | -    | INET | 3            | 15  | 1   | 1/11 - 4/25 |
| ACE 116W-WN820  | YR 1 EXP 1 HLTH SC   | Regular     | LCLB      | INET     |      | -    | INET | 3            | 15  | 0   | 1/11 - 4/25 |
| ACE 121W-WN810  | YR 1 EXP 1 TTECH IND | Regular     | LCLB      | INET     |      | -    | INET | 3            | 15  | 1   | 1/11 - 4/25 |
| ACE 121W-WN820  | YR 1 EXP 1 TTECH IND | Regular     | LCLB      | INET     |      | -    | INET | 3            | 15  | 10  | 1/11 - 4/25 |
| ART 151W-WN810  | ART HIST & APPR I    | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 18  | 1/9 - 4/23  |
| Note: Orientation, Friday, January 13, 10:30 a.m. - 12:30 p.m., in S105.  |                      |             |           |          |      |      |      |              |     |     |             |
| ART 151W-WN820  | ART HIST & APPR I    | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 16  | 1/9 - 4/23  |
| Note: Orientation, Friday, January 13, 10:30 a.m. - 12:30 p.m., in S105.  |                      |             |           |          |      |      |      |              |     |     |             |
| <u>Note: Must attend informational meeting or will be dropped. Contact &lt;a href="mailto:jillharrison@delta.edu"&gt;Jill Harrison&lt;/a&gt; or 686-9051 or &lt;a href="http://www.delta.edu/socsci/informationalmeeting.aspx"&gt;Meeting Information&lt;/a&gt;. Must take CD 111, 112, and 113 as prerequisites.</u> |                      |             |           |          |      |      |      |              |     |     |             |
| CD 115PW-WN810  | PRESCHOOL PRACTICUM  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 10  | 1/9 - 4/27  |
|   |                      | Regular     | LN2       | INET     |      | -    | INET | 3            |     |     | 1/9 - 4/27  |
| Note: Class will meet face-to-face Thursday, January 19, 4:30-6:00. Room TBA.   |                      |             |           |          |      |      |      |              |     |     |             |
| CD 116W-WN810   | DIVERSITY CHILD ED   | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 17  | 1/9 - 4/27  |
| CJ 110W-WN810   | INTRO CRIM JUSTICE   | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 17  | 1/9 - 4/27  |
| CJ 112W-WN810   | POLICE OPERATIONS    | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 15  | 1/9 - 4/27  |
| CJ 182W-WN810   | INTRO TO SECURITY    | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 19  | 1/9 - 4/27  |
| CJ 211W-WN810   | PRIVATE SECURITY     | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 19  | 1/9 - 4/27  |
| CJ 215W-WN810   | INTRO HOMELAND SEC   | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 16  | 1/9 - 4/27  |
| COM 114W-WN830  | INTERPRSNL COMMUNCT  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 20  | 1/9 - 4/23  |
| COM 114W-WN840  | INTERPRSNL COMMUNCT  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 20  | 1/9 - 4/23  |
| COM 216W-WN810  | THEATRE HISTORY      | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 18  | 1/12 - 4/26 |
| Note: On-line Orientation.  |                      |             |           |          |      |      |      |              |     |     |             |
| CST 115W-WN810  | E-COMMERCE CONCEPTS  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 17  | 1/9 - 4/27  |
| CST 115W-WN820  | E-COMMERCE CONCEPTS  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 18  | 1/9 - 4/27  |
| <u>Note: Required software is Office 2010.</u>  |                      |             |           |          |      |      |      |              |     |     |             |
| CST 134-WN820   | MS OFFICE/BUS SYS    | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 16  | 1/9 - 4/23  |
| Note: Required software is Office 2010. Contact instructor for orientation information.   |                      |             |           |          |      |      |      |              |     |     |             |
| CST 134-WN830   | MS OFFICE/BUS SYS    | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 16  | 1/9 - 4/23  |
| Note: Required software is Office 2010. Contact instructor for orientation information.   |                      |             |           |          |      |      |      |              |     |     |             |
| CST 134-WN840   | MS OFFICE/BUS SYS    | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 20  | 1/9 - 4/23  |
| CST 150W-WN810  | IS POLICIES          | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 16  | 1/9 - 4/23  |
| <u>Note: Required software is Office 2010.</u>  |                      |             |           |          |      |      |      |              |     |     |             |
| CST 155-WN810   | MICROSOFT EXCEL      | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 17  | 1/9 - 4/23  |
| Note: Required software is Office 2010. Contact instructor for orientation information.   |                      |             |           |          |      |      |      |              |     |     |             |
| CST 155-WN820   | MICROSOFT EXCEL      | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 22  | 1/9 - 4/23  |
| Note: Required software is Office 2010. Contact instructor for orientation information.   |                      |             |           |          |      |      |      |              |     |     |             |
| CST 183-WN810   | JAVA PROGRAMMING     | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 12  | 1/9 - 4/23  |
| Note: All instruction time will be completed online.  |                      |             |           |          |      |      |      |              |     |     |             |
| CST 217-WN810   | WEB SERVER PROGRAM   | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 17  | 1/9 - 4/23  |
| CST 235-WN810   | SYSTM ANAL & DESIGN  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 20  | 1/9 - 4/27  |
| <u>Note: Required software is Office 2010.</u>  |                      |             |           |          |      |      |      |              |     |     |             |
| CST 257-WN810   | DATABASE MS ACCESS   | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 18  | 1/9 - 4/23  |
| Note: All instruction time will be completed online. Required software is Office 2010.  |                      |             |           |          |      |      |      |              |     |     |             |
| ED 201W-WN810   | EDUC EXCEPTNL CHILD  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 19  | 1/7 - 4/27  |
| ENG 111-WN810   | COLLEGE COMP I       | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 16  | 1/7 - 4/26  |
| Note: Visit the <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information.   |                      |             |           |          |      |      |      |              |     |     |             |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Distance

| Section Name   | Title                | Term Length | Inst Meth | Location | Days | Time | Room | Credit Hours | Cap | Enr | Dates       |
|--|----------------------|-------------|-----------|----------|------|------|------|--------------|-----|-----|-------------|
| ENG 111-WN820  | COLLEGE COMP I       | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 18  | 1/7 - 4/26  |
| Note: Visit the <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information.  |                      |             |           |          |      |      |      |              |     |     |             |
| ENG 111-WN830  | COLLEGE COMP I       | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 17  | 1/7 - 4/26  |
| Note: Visit the <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information.  |                      |             |           |          |      |      |      |              |     |     |             |
| ENG 111-WN840  | COLLEGE COMP I       | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 16  | 1/7 - 4/26  |
| Note: Visit the <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information.  |                      |             |           |          |      |      |      |              |     |     |             |
| ENG 111-WN850  | COLLEGE COMP I       | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 17  | 1/7 - 4/26  |
| Note: Visit the <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information.  |                      |             |           |          |      |      |      |              |     |     |             |
| ENG 111-WN860  | COLLEGE COMP I       | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 16  | 1/7 - 4/26  |
| ENG 112-WN623  | COLLEGE COMP II      | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 10  | 1/7 - 4/26  |
| ENG 112-WN629  | COLLEGE COMP II      | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 14  | 1/7 - 4/26  |
| Note: Humanities Learning Center Course. You must register for at least one other HLC course (620 series of sections) ART 115, COM112, HIS 222, PHL 213 or POL 103. Contact Laura Dull (mail to: <a href="mailto:ldull2@delta.edu">ldull2@delta.edu</a> ) for more information. NOTE: THIS IS AN ONLINE COURSE.      |                      |             |           |          |      |      |      |              |     |     |             |
| ENG 112-WN820  | COLLEGE COMP II      | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 17  | 1/7 - 4/26  |
| ENG 112-WN840  | COLLEGE COMP II      | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 15  | 1/7 - 4/26  |
| Note: Visit the <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information.  |                      |             |           |          |      |      |      |              |     |     |             |
| ENG 112-WN850  | COLLEGE COMP II      | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 18  | 1/7 - 4/26  |
| Note: Visit the <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information.  |                      |             |           |          |      |      |      |              |     |     |             |
| ENG 112-WN860  | COLLEGE COMP II      | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 15  | 1/7 - 4/26  |
| Note: Visit the <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information.  |                      |             |           |          |      |      |      |              |     |     |             |
| ENG 112-WN870  | COLLEGE COMP II      | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 15  | 1/7 - 4/26  |
| ENG 112-WN880  | COLLEGE COMP II      | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 15  | 1/7 - 4/26  |
| Note: Visit the <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information.  |                      |             |           |          |      |      |      |              |     |     |             |
| ENG 112-WN890  | COLLEGE COMP II      | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 17  | 1/7 - 4/26  |
| ENG 113-WN810  | TECHNICAL COMM       | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 17  | 1/7 - 4/26  |
| ENG 113-WN820  | TECHNICAL COMM       | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 19  | 1/7 - 4/26  |
| Note: Visit the <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information.  |                      |             |           |          |      |      |      |              |     |     |             |
| ENG 113-WN830  | TECHNICAL COMM       | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 17  | 1/7 - 4/26  |
| Note: Visit the <a href="http://www3.delta.edu/elearning/orientation/index.html">eLearning Website</a> for orientation information.  |                      |             |           |          |      |      |      |              |     |     |             |
| ENT 131W-WN810   | ENTREPRENER SM BUS 1 | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 24  | 1/9 - 4/26  |
| Note: Orientation on Tuesday, January 10, 2012 at 7:00 p.m. at the Delta College Main Campus in the Commons.   |                      |             |           |          |      |      |      |              |     |     |             |
| ENT 131W-WN820   | ENTREPRENER SM BUS 1 | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 24  | 1/9 - 4/26  |
| Note: Orientation on Tuesday, January 10, 2012 at 7:00 p.m. at the Delta College Main Campus in the Commons.   |                      |             |           |          |      |      |      |              |     |     |             |
| FST 101W-WN810   | INTRO TO FIRE SCIENC | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 19  | 1/12 - 4/26 |
| FST 105W-WN810   | HAZARD MAT EMER RES  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 22  | 21  | 1/9 - 4/23  |
| FST 105W-WN820   | HAZARD MAT EMER RES  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 12  | 12  | 1/9 - 4/23  |
| HIS 221W-WN810   | EARLY AM HISTORY     | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 11  | 1/9 - 4/27  |
| Note: Video and internet used extensively for course work and interaction. Mandatory orientation Tue., 1/10 at 5:30 pm. Must attend orientation or meet with instructor first week of class or will be dropped. Out-of-class testing.  |                      |             |           |          |      |      |      |              |     |     |             |
| <u>Note: Does not have HIS 221W as a prerequisite.</u>   |                      |             |           |          |      |      |      |              |     |     |             |
| HIS 222W-WN810   | RECNT AMERICN HISTRY | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 19  | 1/9 - 4/27  |
| HIS 237W-WN810   | HISTORY OF MICH/PRO  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 16  | 1/9 - 4/27  |
| IHU 101-WN810  | HUMANITIES THRU ART  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 20  | 1/11 - 4/25 |
| <u>Note: Includes 15-hour service learning project. Must qualify for the Honors Program to enroll in this course. Contact the <a href="http://www3.delta.edu/honors/">Honors Office</a> or at 686-9091. Credit may be earned in only one of the following: SSI 288, SSI 289, IHU 280, IHU 281, EDU 388, EDU 389.</u> |                      |             |           |          |      |      |      |              |     |     |             |
| IHU 281HW-WN810  | HNRS EXPLOR DIVERS   | Regular     | LCLB      | INET     |      | -    | INET | 3            | 15  | 0   | 1/16 - 4/27 |
| Note: Must qualify for Honors Program to enroll in this course. Contact <a href="http://www3.delta.edu/honors.aspx">Honors</a> or 686-9091. Includes 15-hour service learning project. Credit may be earned in only one of the following: SSI 289H, IHU 281HW.   |                      |             |           |          |      |      |      |              |     |     |             |
| <u>Note: Includes 15-hour service learning project. Credit may be earned in only one of the following: SSI 288, SSI 289, IHU 280, IHU 281, EDU 388, EDU 389.</u>   |                      |             |           |          |      |      |      |              |     |     |             |
| IHU 281W-WN810   | EXPL DIVERSITY PROJ  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 15  | 0   | 1/16 - 4/27 |
| Note: Includes 15-hour service learning project. Credit may be earned in only one of the following: SSI 289, IHU 281W.   |                      |             |           |          |      |      |      |              |     |     |             |
| LIT 220W-WN840   | READINGS IN POETRY   | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 16  | 1/7 - 4/26  |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Distance

| Section Name  | Title               | Term Length | Inst Meth | Location | Days | Time | Room | Credit Hours | Cap | Enr | Dates      |
|---|---------------------|-------------|-----------|----------|------|------|------|--------------|-----|-----|------------|
| LIT 260W-WN810  | HOLOCAUST HIS & LIT | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 17  | 1/7 - 4/26 |
| LIT 260W-WN820  | HOLOCAUST HIS & LIT | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 16  | 1/7 - 4/26 |
| LIT 260W-WN830  | HOLOCAUST HIS & LIT | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 17  | 1/7 - 4/26 |
| LIT 271W-WN810  | AM LIT TO 1865      | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 14  | 1/7 - 4/26 |
| LIT 285W-WN810  | WOMEN IN LITERATURE | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 19  | 1/7 - 4/26 |
| MGT 110-WN810   | BUSINESS MATH       | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 25  | 1/9 - 4/26 |
| MGT 143-WN810   | PRIN OF ADVERTISING | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 26  | 1/9 - 4/26 |
| MGT 153W-WN810  | INTRO TO BUSINESS   | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 27  | 1/9 - 4/26 |
| Note: Includes online component. Go to <a href="http://www.delta.edu/learningcommunities.aspx">http://www.delta.edu/learningcommunities.aspx</a> Learning Communities then click semester for orientation information.  |                     |             |           |          |      |      |      |              |     |     |            |
| A <a href="http://www.delta.edu/pages/10924.aspx">http://www.delta.edu/pages/10924.aspx</a> Sustainability Related Course   |                     |             |           |          |      |      |      |              |     |     |            |
| MGT 153W-WN820  | INTRO TO BUSINESS   | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 22  | 1/9 - 4/26 |
| MGT 243-WN810   | PRIN OF MARKETING   | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 24  | 1/9 - 4/26 |
| Note: All instruction time will be completed online. A <a href="http://www.delta.edu/pages/10924.aspx">http://www.delta.edu/pages/10924.aspx</a> Sustainability Related Course  |                     |             |           |          |      |      |      |              |     |     |            |
| MGT 243-WN820   | PRIN OF MARKETING   | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 26  | 1/9 - 4/26 |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">http://www.delta.edu/pages/10924.aspx</a> Sustainability Related Course   |                     |             |           |          |      |      |      |              |     |     |            |
| MGT 245-WN810   | PRIN OF MANAGEMENT  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 21  | 1/9 - 4/26 |
| Note: Includes online component. Go to <a href="http://www.delta.edu/learningcommunities.aspx">http://www.delta.edu/learningcommunities.aspx</a> Learning Communities then click semester for orientation information.  |                     |             |           |          |      |      |      |              |     |     |            |
| A <a href="http://www.delta.edu/pages/10924.aspx">http://www.delta.edu/pages/10924.aspx</a> Sustainability Related Course   |                     |             |           |          |      |      |      |              |     |     |            |
| MGT 245-WN820   | PRIN OF MANAGEMENT  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 23  | 1/9 - 4/26 |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">http://www.delta.edu/pages/10924.aspx</a> Sustainability Related Course   |                     |             |           |          |      |      |      |              |     |     |            |
| MGT 245-WN830   | PRIN OF MANAGEMENT  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 25  | 1/9 - 4/26 |
| MGT 251W-WN810  | BUSINESS LAW I      | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 24  | 1/9 - 4/26 |
| Note: All instruction time will be completed online.  |                     |             |           |          |      |      |      |              |     |     |            |
| MGT 251W-WN820  | BUSINESS LAW I      | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 25  | 1/9 - 4/26 |
| Note: All instruction time will be completed online.  |                     |             |           |          |      |      |      |              |     |     |            |
| MGT 252-WN810   | BUSINESS LAW II     | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 25  | 1/9 - 4/26 |
| Note: All instruction time will be completed online.  |                     |             |           |          |      |      |      |              |     |     |            |
| MGT 252-WN820   | BUSINESS LAW II     | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 27  | 1/9 - 4/26 |
| Note: All instruction time will be completed online   |                     |             |           |          |      |      |      |              |     |     |            |
| MGT 256-WN810   | HUM RESOURCE MNG I  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 27  | 1/9 - 4/27 |
| Note: All instruction time will be completed online   |                     |             |           |          |      |      |      |              |     |     |            |
| MGT 256-WN820   | HUM RESOURCE MNG I  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 26  | 1/9 - 4/27 |
| Note: All instruction time will be completed online   |                     |             |           |          |      |      |      |              |     |     |            |
| MGT 265-WN810   | INTERNATIONAL BUS   | Regular     | LCLB      | INET     |      | -    | INET | 3            | 25  | 27  | 1/9 - 4/27 |
| MTH 097-WN810   | ALGEBRA I           | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 20  | 1/9 - 4/26 |
| Note: Note: Online orientation at the eLearning Site. Tests in Academic Testing Center on Delta's main campus. Computer aided homework section. Contact the <a href="mailto:pacarlis@delta.edu">mailto:pacarlis@delta.edu</a> instructor  |                     |             |           |          |      |      |      |              |     |     |            |
| MTH 097-WN820   | ALGEBRA I           | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 20  | 1/9 - 4/26 |
| Note: Online orientation required at the eLearning Site. In-person mandatory orientation and on main campus Date, room & time posted at <a href="http://www3.delta.edu/elearning/orientation/index.html">http://www3.delta.edu/elearning/orientation/index.html</a> eLearning Website. Tests in Academic Testing Center. Contact the <a href="mailto:thomaswells@delta.edu">mailto:thomaswells@delta.edu</a> instructor |                     |             |           |          |      |      |      |              |     |     |            |
| Note: A TI-83 or TI-84 graphing calculator is required.   |                     |             |           |          |      |      |      |              |     |     |            |
| MTH 208W-WN810  | ELEM STATISTICS     | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 16  | 1/9 - 4/26 |
| Note: Tests are taken on campus in Academic Testing Center. Online orientation required at eLearning Site. Contact the <a href="mailto:bsallen@delta.edu">mailto:bsallen@delta.edu</a> instructor for more information. MyStatLab used.   |                     |             |           |          |      |      |      |              |     |     |            |
| MTH 208W-WN820  | ELEM STATISTICS     | Regular     | LCLB      | INET     |      | -    | INET | 3            | 20  | 19  | 1/9 - 4/26 |
| Note: Online orientation required at eLearning Site. Contact the <a href="mailto:christineeckerle@delta.edu">mailto:christineeckerle@delta.edu</a> instructor for more information. Out of class testing in Academic Testing Center. Computer Aided Homework section. MyStatLab used.   |                     |             |           |          |      |      |      |              |     |     |            |
| OAT 151-WN810   | BUSINESS COMMCTN I  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 16  | 1/9 - 4/27 |
| Note: Out of class testing. For more information go to <a href="http://www3.delta.edu/elearning/orientation/index.html">http://www3.delta.edu/elearning/orientation/index.html</a> eLearning Orientation  |                     |             |           |          |      |      |      |              |     |     |            |
| OAT 151-WN820   | BUSINESS COMMCTN I  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 18  | 1/9 - 4/27 |
| Note: Out of class testing.   |                     |             |           |          |      |      |      |              |     |     |            |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Distance

| Section Name   | Title                | Term Length | Inst Meth | Location | Days | Time | Room | Credit Hours | Cap | Enr | Dates       |
|--|----------------------|-------------|-----------|----------|------|------|------|--------------|-----|-----|-------------|
| OAT 151-WN830  | BUSINESS COMMCTN I   | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 20  | 1/9 - 4/27  |
| Note: Out of class testing.  |                      |             |           |          |      |      |      |              |     |     |             |
| <u>Note: Same as POL 104W except without civic engagement project.</u>   |                      |             |           |          |      |      |      |              |     |     |             |
| POL 103W-WN820   | AMERICAN GOVERNMENT  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 17  | 1/7 - 4/27  |
| Note: May require out-of-class testing in the Testing Center.  |                      |             |           |          |      |      |      |              |     |     |             |
| POL 103W-WN830   | AMERICAN GOVERNMENT  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 20  | 1/7 - 4/27  |
| Note: May require out-of-class testing in the Testing Center.  |                      |             |           |          |      |      |      |              |     |     |             |
| POL 103W-WN840   | AMERICAN GOVERNMENT  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 14  | 1/9 - 4/27  |
| Note: Optional orientation Monday, January 9 on campus at 2:00 pm. May require out-of-class testing in the Testing Center.   |                      |             |           |          |      |      |      |              |     |     |             |
| POL 103W-WN850   | AMERICAN GOVERNMENT  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 16  | 1/9 - 4/27  |
| Note: Optional orientation Monday, January 9 on campus at 2:00 pm. May require out-of-class testing in the Testing Center.   |                      |             |           |          |      |      |      |              |     |     |             |
| POL 103W-WN860   | AMERICAN GOVERNMENT  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 15  | 1/9 - 4/27  |
| Note: Optional orientation Monday, January 9 on campus at 2:00 pm. May require out-of-class testing in the Testing Center.   |                      |             |           |          |      |      |      |              |     |     |             |
| POL 103W-WN880   | AMERICAN GOVERNMENT  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 20  | 1/9 - 4/27  |
| Note: May require out-of-class testing in the Testing Center.  |                      |             |           |          |      |      |      |              |     |     |             |
| POL 212W-WN810   | STATE & LOCAL GOVT   | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 14  | 1/9 - 4/27  |
| Note: May require out-of-class testing in the Testing Center.  |                      |             |           |          |      |      |      |              |     |     |             |
| PSY 101W-WN810   | APPLIED PSYCHOLOGY   | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 20  | 1/9 - 4/27  |
| PSY 101W-WN820   | APPLIED PSYCHOLOGY   | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 20  | 1/9 - 4/27  |
| PSY 223W-WN810   | CHILD PSYCHOLOGY     | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 16  | 1/9 - 4/27  |
| PSY 223W-WN820   | CHILD PSYCHOLOGY     | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 17  | 1/7 - 4/27  |
| Note: Check online course site just prior to the beginning of the semester. Testing is required in LLIC. Access code for MyDevelopmentLab is required.   |                      |             |           |          |      |      |      |              |     |     |             |
| PSY 225W-WN810   | ADOLESCENT PSYCH     | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 18  | 1/7 - 4/27  |
| Note: Check online course site just prior to the beginning of the semester. Testing is required in LLIC.   |                      |             |           |          |      |      |      |              |     |     |             |
| PSY 241W-WN810   | ABNORMAL PSYCHOLOGY  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 18  | 1/9 - 4/27  |
| Note: Required online course orientation. Testing in Testing Center.   |                      |             |           |          |      |      |      |              |     |     |             |
| PSY 241W-WN820   | ABNORMAL PSYCHOLOGY  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 20  | 1/10 - 4/27 |
| Note: Required online course orientation. Testing in TestingCenter.  |                      |             |           |          |      |      |      |              |     |     |             |
| SOC 211W-WN810   | PRINCPL OF SOCIOLOGY | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 16  | 1/7 - 4/27  |
| Note: Internet used extensively for course work and interaction. Textbook, study guide and 22 video lessons required. Three proctored tests, usually taken in the Testing Center, required. On-campus orientation strongly recommended.  |                      |             |           |          |      |      |      |              |     |     |             |
| SOC 211W-WN820   | PRINCPL OF SOCIOLOGY | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 16  | 1/9 - 4/25  |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> . Video and internet usedextensivelyfor course work and interaction. Access to a highspeed internetconnection is necessary . Out-of-class testingwill take place,typically in the Testing Center.                   |                      |             |           |          |      |      |      |              |     |     |             |
| SOC 211W-WN830   | PRINCPL OF SOCIOLOGY | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 16  | 1/7 - 4/27  |
| Note: Internet used extensively for course work and interaction. Textbook, study guide and 22 video lessons required. Three proctored tests, usually taken in the Testing Center, required. On-campus orientationstrongly recommended.   |                      |             |           |          |      |      |      |              |     |     |             |
| SOC 211W-WN840   | PRINCPL OF SOCIOLOGY | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 17  | 1/7 - 4/27  |
| Note: Internet used extensively for course work and interaction. Textbook, study guide and 22 video lessons required.Three proctored tests, usually taken in the Testing Center, required. On-campus orientati on strongly recommended.  |                      |             |           |          |      |      |      |              |     |     |             |
| SOC 211W-WN860   | PRINCPL OF SOCIOLOGY | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 16  | 1/9 - 4/25  |
| Note: A <a href="http://www.delta.edu/pages/10924.aspx">Sustainability Related Course </a> . Video and internet usedextensively for course work and int eraction. Access to a highspeed internet connection is necessary . Out-of-class testingwill take place, typically in the Testing Center.               |                      |             |           |          |      |      |      |              |     |     |             |
| SOC 211W-WN870   | PRINCPL OF SOCIOLOGY | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 14  | 1/9 - 4/25  |
| SOC 215W-WN810   | SOC MINORITY GROUPS  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 18  | 1/9 - 4/25  |
| Note: Out-of-class testing, typically in the Testing Center.   |                      |             |           |          |      |      |      |              |     |     |             |
| SOC 215W-WN820   | SOC MINORITY GROUPS  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 18  | 15  | 1/9 - 4/25  |
| Note: Out-of-class testing, typically in the Testing Center.   |                      |             |           |          |      |      |      |              |     |     |             |
| <u>Note: Includes 15-hour service learning project. Must qualify for Honors Program to enroll in this course. Contact &lt;a href="http://www3.delta.edu/honors/"&gt;Honors&lt;/a&gt; or 686-9091. Credit may be earned in only one of the following: SSI 288, SSI 289, IHU 280, IHU 281, EDU 388, EDU 389.</u> |                      |             |           |          |      |      |      |              |     |     |             |
| SSI 289HW-WN810  | HNRS EXPLOR DIVERS   | Regular     | LCLB      | INET     |      | -    | INET | 3            | 15  | 0   | 1/16 - 4/27 |
| <u>Note: Includes 15-hour service learning project. Credit may be earned in only one of the following: SSI 288, SSI 289, IHU 280, IHU 281, EDU 388, EDU 389.</u>   |                      |             |           |          |      |      |      |              |     |     |             |
| SSI 289W-WN810   | EXPL DIVERSITY PROJ  | Regular     | LCLB      | INET     |      | -    | INET | 3            | 15  | 3   | 1/16 - 4/27 |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Distance

| Section Name   | Title                | Term Length | Inst Meth | Location | Days | Time | Room | Credit Hours | Cap | Enr | Dates      |
|--|----------------------|-------------|-----------|----------|------|------|------|--------------|-----|-----|------------|
| ACC 211-WN810  | PRIN ACCOUNTING I    | Regular     | LCLB      | INET     |      | -    | INET | 4            | 25  | 19  | 1/9 - 4/27 |
| Note: Students may be required to come to campus during the semester. If necessary, contact the instructor for details. Recommended only for students with minimum of 3.3 GPA.   |                      |             |           |          |      |      |      |              |     |     |            |
| ACC 211-WN820  | PRIN ACCOUNTING I    | Regular     | LCLB      | INET     |      | -    | INET | 4            | 25  | 24  | 1/9 - 4/27 |
| Note: All sections require the use of the Internet and purchase of WileyPlus.  |                      |             |           |          |      |      |      |              |     |     |            |
| ACC 212-WN810  | PRIN OF ACCTG II     | Regular     | LCLB      | INET     |      | -    | INET | 4            | 25  | 25  | 1/9 - 4/26 |
| Note: Students may be required to come to campus during the semester. If necessary, contact the instructor for details. Recommended only for students with minimum of 3.3 GPA and a B, or better, in ACC 211.  |                      |             |           |          |      |      |      |              |     |     |            |
| ACC 214-WN810  | MICRO ACCTG APPLI    | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 18  | 1/9 - 4/23 |
| Note: Students may be required to come to campus during the semester. If necessary, contact the instructor for details.  |                      |             |           |          |      |      |      |              |     |     |            |
| CST 133W-WN810   | CMPUTR COMPETENCIES  | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 17  | 1/9 - 4/23 |
| Note: Required software is Office 2010. Contact instructor for orientation information.  |                      |             |           |          |      |      |      |              |     |     |            |
| CST 133W-WN820   | CMPUTR COMPETENCIES  | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 19  | 1/9 - 4/23 |
| Note: Required software is Office 2010. Contact instructor for orientation information.  |                      |             |           |          |      |      |      |              |     |     |            |
| CST 133W-WN830   | CMPUTR COMPETENCIES  | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 15  | 1/9 - 4/23 |
| Note: Required software is Office 2010. Contact instructor for orientation information.  |                      |             |           |          |      |      |      |              |     |     |            |
| CST 133W-WN840   | CMPUTR COMPETENCIES  | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 16  | 1/9 - 4/23 |
| Note: Required software is Office 2010. Contact instructor for orientation information.  |                      |             |           |          |      |      |      |              |     |     |            |
| CST 133W-WN850   | CMPUTR COMPETENCIES  | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 17  | 1/9 - 4/26 |
| Note: Required software is Office 2010. Contact instructor for orientation information.  |                      |             |           |          |      |      |      |              |     |     |            |
| CST 133W-WN860   | CMPUTR COMPETENCIES  | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 19  | 1/9 - 4/23 |
| Note: Required software is Office 2010. Contact instructor for orientation information.  |                      |             |           |          |      |      |      |              |     |     |            |
| CST 133W-WN870   | CMPUTR COMPETENCIES  | Regular     | LCLB      | INET     |      | -    | INET | 4            | 22  | 20  | 1/9 - 4/23 |
| CST 266-WN810  | INFO SECURITY        | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 17  | 1/9 - 4/27 |
| ECN 221W-WN820   | PRIN OF MACROECON    | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 16  | 1/9 - 4/27 |
| Note: Online orientation. No scheduled class time. See Desire2Learn for online course site just prior to the beginning of the semester.  |                      |             |           |          |      |      |      |              |     |     |            |
| ECN 221W-WN830   | PRIN OF MACROECON    | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 18  | 1/9 - 4/27 |
| Note: Online orientation. No scheduled class time. See Desire2Learn for online course site just prior to the beginning of the semester.  |                      |             |           |          |      |      |      |              |     |     |            |
| ECN 221W-WN850   | PRIN OF MACROECON    | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 18  | 1/9 - 4/27 |
| ECN 222W-WN810   | PRIN OF MICROECON    | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 20  | 1/9 - 4/27 |
| Note: Online orientation. No scheduled class time. See Desire2Learn for online course site just prior to the beginning of the semester.  |                      |             |           |          |      |      |      |              |     |     |            |
| ECN 222W-WN830   | PRIN OF MICROECON    | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 15  | 1/9 - 4/27 |
| HIS 111W-WN810   | SURVY EARLY WEST CIV | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 18  | 1/9 - 4/27 |
| Note: Does not have HIS 111W as a prerequisite.  |                      |             |           |          |      |      |      |              |     |     |            |
| HIS 112W-WN810   | SURVEY LATR WEST CIV | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 13  | 1/9 - 4/27 |
| Out-of-class testing. Note: Video and internet used extensively for course work and interaction.   |                      |             |           |          |      |      |      |              |     |     |            |
| HIS 112W-WN820   | SURVEY LATR WEST CIV | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 16  | 1/9 - 4/27 |
| Out-of-class testing. Note: Video and internet used extensively for course work and interaction.   |                      |             |           |          |      |      |      |              |     |     |            |
| LIT 251W-WN810   | CHILDRENS LIT        | Regular     | LCLB      | INET     |      | -    | INET | 4            | 20  | 18  | 1/7 - 4/26 |
| Note: For students that received a B- or better in the prerequisite course, MTH 097. A graphing calculator is required. A TI-83/84 family calculator is recommended.   |                      |             |           |          |      |      |      |              |     |     |            |
| MTH 119W-WN810   | INTERMED ALGEBRA     | Regular     | LCLB      | INET     |      | -    | INET | 4            | 20  | 19  | 1/9 - 4/26 |
| Note: Out of class testing in the Academic Testing Center. Online orientation at the eLearning Site. Contact the <a href=mailto:sarosin@delta.edu>instructor</a> for more information. Computer Aided Homework Section.  |                      |             |           |          |      |      |      |              |     |     |            |
| MTH 119W-WN820   | INTERMED ALGEBRA     | Regular     | LCLB      | INET     |      | -    | INET | 4            | 20  | 16  | 1/9 - 4/26 |
| Note: Out of class testing in the Delta College Academic Testing Center. Internet access required. SEE INSTRUCTOR regarding textbook: <a href=mailto:maryroberson@delta.edu>instructor</a>   |                      |             |           |          |      |      |      |              |     |     |            |
| MTH 119W-WN830   | INTERMED ALGEBRA     | Regular     | LCLB      | INET     |      | -    | INET | 4            | 20  | 18  | 1/9 - 4/26 |
| Note: Out of class testing in the Delta College Academic Testing Center. Online orientation required at eLearning Site. Contact the <a href=mailto:shawntayeadams@delta.edu>instructor</a> for more information. Computer Aided Homework Section.                          |                      |             |           |          |      |      |      |              |     |     |            |
| Note: Beginning Fall semester 2010, this course may use online resources requiring an access code (included in the textbook price at the Delta College Bookstore). Purchasing textbooks elsewhere may require purchase of an individual access code through the publisher. |                      |             |           |          |      |      |      |              |     |     |            |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Distance

| Section Name  | Title              | Term Length | Inst Meth | Location | Days | Time | Room | Credit Hours | Cap | Enr | Dates       |
|---|--------------------|-------------|-----------|----------|------|------|------|--------------|-----|-----|-------------|
| PSY 211W-WN810  | GENERAL PSYCHOLOGY | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 19  | 1/7 - 4/27  |
| Note: Check online course site just prior to the beginning of the semester. Testing is required in LLIC. Access code for MyPsychLab is required.  |                    |             |           |          |      |      |      |              |     |     |             |
| PSY 211W-WN820  | GENERAL PSYCHOLOGY | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 19  | 1/9 - 4/27  |
| PSY 211W-WN830  | GENERAL PSYCHOLOGY | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 17  | 1/7 - 4/27  |
| Note: Check online course site just prior to the beginning of the semester. Testing is required in LLIC. Access code for MyPsychLab is required.  |                    |             |           |          |      |      |      |              |     |     |             |
| PSY 211W-WN840  | GENERAL PSYCHOLOGY | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 16  | 1/9 - 4/27  |
| Note: Video and internet used extensively for course work and interaction. Testing in Testing Center.   |                    |             |           |          |      |      |      |              |     |     |             |
| PSY 211W-WN850  | GENERAL PSYCHOLOGY | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 14  | 1/7 - 4/27  |
| Note: Check online course site just prior to the beginning of the semester. Testing is required in LLIC. Access code for MyPsychLab is required.  |                    |             |           |          |      |      |      |              |     |     |             |
| PSY 211W-WN860  | GENERAL PSYCHOLOGY | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 16  | 1/9 - 4/27  |
| Note: May require testing in the Testing Center.  |                    |             |           |          |      |      |      |              |     |     |             |
| PSY 211W-WN870  | GENERAL PSYCHOLOGY | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 14  | 1/10 - 4/27 |
| Note: May require testing in the Testing Center.  |                    |             |           |          |      |      |      |              |     |     |             |
| PSY 211W-WN880  | GENERAL PSYCHOLOGY | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 23  | 1/9 - 4/27  |
| Note: May require testing in the Testing Center.  |                    |             |           |          |      |      |      |              |     |     |             |
| PSY 211W-WN890  | GENERAL PSYCHOLOGY | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 20  | 1/9 - 4/27  |
| Note: May require testing in the Testing Center.  |                    |             |           |          |      |      |      |              |     |     |             |
| PSY 211W-WN895  | GENERAL PSYCHOLOGY | Regular     | LCLB      | INET     |      | -    | INET | 4            | 18  | 17  | 1/9 - 4/27  |
| <u>Note: Permission of program coordinator required. Must attend informational meeting or be dropped. Contact &lt;a href=mailto:jillharrison@delta.edu&gt;Jill Harrison&lt;/a&gt; or 686-9051 or &lt;a href="http://www.delta.edu/socsci/informationalmeeting.aspx"&gt;Meeting Information&lt;/a&gt;.</u> |                    |             |           |          |      |      |      |              |     |     |             |
| CD 117W-WN810   | STUDENT TEACHING   | Regular     | LCLB      | INET     |      | -    | INET | 6            | 18  | 13  | 1/10 - 4/27 |
|   |                    | Regular     | LN2       | INET     |      | -    | INET | 6            |     |     | 1/10 - 4/27 |
| Note: Class will meet face-to-face Tuesday, January 10, 6-8:30. Location TBA.   |                    |             |           |          |      |      |      |              |     |     |             |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Independent/Directed Study

| Section Name   | Title                  | Term Length | Inst Meth | Location | Days | Time | Room | Credit Hours | Cap | Enr | Dates       |
|--|------------------------|-------------|-----------|----------|------|------|------|--------------|-----|-----|-------------|
| BIO 291-WN900  | IS HIV/AIDS EPIDEMIOLO | Compressed  | LCLB      | OTHR     | -    | -    |      | 1            | 0   | 1   | 2/28 - 4/27 |
| GLG 102-WN901  | VOLCANO/EARTHQUAKE     | Compressed  | LCLB      | DLTA     | -    | -    |      | 1            | 0   | 1   | 3/25 - 4/26 |
| GLG 102-WN902  | VOLCANO/EARTHQUAKE     | Compressed  | LCLB      | OTHR     | -    | -    |      | 1            | 0   | 1   | 3/27 - 4/26 |
| GLG 291-WN902  | GROUNDWATER GEOLOGY    | Compressed  | LCLB      | OTHR     | -    | -    |      | 1            | 0   | 1   | 3/19 - 4/27 |
| IHU 291-WN901  | INDEPENDENT STUDY      | Compressed  | LCLB      | OTHR     | -    | -    |      | 1            | 1   | 1   | 2/17 - 4/24 |
| <u>Note: Text book and Course packet REQUIRED on first class meeting.</u>  |                        |             |           |          |      |      |      |              |     |     |             |
| LW 220W-WN900  | LIFELONG WELLNESS      | Compressed  | LCLB      | OTHR     | -    | -    |      | 1            | 0   | 1   | 1/9 - 3/2   |
| LWA 291-WN901  | PERSONAL FITNESS       | Compressed  | LCLB      | OTHR     | -    | -    |      | 1            | 0   | 1   | 1/8 - 4/2   |
| LWA 291-WN902  | PERSONAL FITNESS       | Compressed  | LCLB      | OTHR     | -    | -    |      | 1            | 0   | 1   | 1/27 - 4/17 |
| MGT 281-WN910  | MARKET EXP CHICAGO     | Compressed  | LCLB      | OTHR     | -    | -    | TBA  | 1            | 0   | 8   | 1/19 - 1/27 |
| <u>Note: Field trip to Chicago, IL Merchandise Mart Gift Show 1/19-1/21. Cost of \$175 per person (payable at the Delta Cashier's office) includes 2 nights lodging and transportation from Delta. All meals are at the student's expense. This class requires instructor's permission. Contact Lori Ziolkowski at 686-9384 for more information. A \$75 non-refundable deposit is required by November 8, with the balance due on December 6.</u> |                        |             |           |          |      |      |      |              |     |     |             |
| RHA 291-WN900  | MVAC TECHNICIAN CERTIF | Compressed  | LCLB      | OTHR     | -    | -    |      | 1            |     | 1   | 1/18 - 4/20 |
| ACE 291-WN903  | INDEPENDENT STUDY      | Compressed  | LCLB      | OTHR     | -    | -    |      | 2            | 1   | 1   | 3/14 - 4/27 |
| ACE 291-WN906  | INDEPENDENT STUDY      | Compressed  | LCLB      | OTHR     | -    | -    |      | 2            | 1   | 1   | 3/29 - 4/27 |
| AFT 202-WN900  | AVIA METEOROLOGY       | Compressed  | LCLB      | OTHR     | -    | -    |      | 2            | 0   | 1   | 3/15 - 4/27 |
| CPI 115-WN901  | CHEM PLNT SCI FUND     | Compressed  | LCLB      | OTHR     | -    | -    |      | 2            | 0   | 1   | 1/27 - 4/16 |
| CST 273-WN900  | MS VISUAL BASIC APP    | Compressed  | LCLB      | OTHR     | -    | -    |      | 2            | 0   | 1   | 2/27 - 4/23 |
| <u>Note: Requires an additional \$240 in art materials.</u>  |                        |             |           |          |      |      |      |              |     |     |             |
| ART 218-WN900  | PAINTING II            | Compressed  | LCLB      | OTHR     | -    | -    |      | 3            | 0   | 1   | 2/1 - 4/27  |
| <u>Note: Student must provide own tools. Minimum cost \$50.</u>  |                        |             |           |          |      |      |      |              |     |     |             |
| ART 232-WN903  | CERAMICS II            | Compressed  | LCLB      | OTHR     | -    | -    |      | 3            | 0   | 1   | 1/27 - 4/16 |
| <u>Note: Requires an additional \$100 in materials.</u>  |                        |             |           |          |      |      |      |              |     |     |             |
| ART 288-WN903  | DIGITAL IMAGING II     | Compressed  | LCLB      | OTHR     | -    | -    |      | 3            | 0   | 1   | 2/3 - 4/27  |
| ART 291-WN900  | FIGURATIVE CERAMIC SCU | Compressed  | LCLB      | OTHR     | -    | -    |      | 3            | 0   | 1   | 4/9 - 4/27  |
| CJ 250-WN900   | THE JUVENILE OFFEND    | Compressed  | LCLB      | OTHR     | -    | -    |      | 3            | 1   | 1   | 1/12 - 4/12 |
| EMB 291-WN900  | STUD ENGAGEMENT VIDEO  | Compressed  | LCLB      | OTHR     | -    | -    |      | 3            | 0   | 1   | 1/26 - 4/27 |
| MGT 248-WN901  | PRIN BUY FOR RESALE    | Compressed  | LCLB      | OTHR     | -    | -    |      | 3            | 1   | 1   | 2/10 - 4/23 |
| MGT 248-WN902  | PRIN BUY FOR RESALE    | Compressed  | LCLB      | OTHR     | -    | -    |      | 3            | 0   | 1   | 2/16 - 4/23 |
| MGT 257W-WN901   | HUM RESOURC MGT II     | Compressed  | LCLB      | OTHR     | -    | -    |      | 3            | 0   | 1   | 1/23 - 4/27 |
| PHL 203W-WN900   | BUSINESS ETHICS        | Compressed  | LCLB      | OTHR     | -    | -    |      | 3            | 0   | 1   | 1/27 - 4/27 |
| <u>Note: Same as PSY 300W and may be taken for SOC or PSY credit but not both.</u>   |                        |             |           |          |      |      |      |              |     |     |             |
| SOC 300W-WN910   | INTERVIEW & COUNSEL    | Compressed  | LCLB      | OTHR     | -    | -    |      | 3            | 0   | 1   | 2/2 - 4/27  |
| CPI 260W-WN901   | PROC OPER MNGMNT       | Compressed  | LCLB      | OTHR     | -    | -    |      | 4            | 0   | 1   | 4/4 - 4/26  |
| <u>Note: USB memory device required.</u>   |                        |             |           |          |      |      |      |              |     |     |             |
| DRF 257-WN920  | ADV MECH DESIGN        | Compressed  | LCLB      | OTHR     | -    | -    |      | 4            | 0   | 1   | 1/30 - 4/27 |
| GLG 111-WN900  | PHYSICAL GEOLOGY       | Compressed  | LCLB      | OTHR     | -    | -    |      | 4            | 0   | 1   | 1/31 - 4/25 |
| <u>Note: Course open to those with 2 years of high school or 2 semesters of college Spanish or with instructor permission. Instructor may use out of class testing at the Testing Center for all Exams. Computer with Internet access may be required for some assignments.</u>  |                        |             |           |          |      |      |      |              |     |     |             |
| SPA 211-WN901  | SPANISH THREE          | Compressed  | LCLB      | OTHR     | -    | -    |      | 4            | 0   | 1   | 1/24 - 4/25 |
| SPA 211-WN902  | SPANISH THREE          | Compressed  | LCLB      | OTHR     | -    | -    |      | 4            | 0   | 1   | 1/26 - 4/27 |
| SPA 211-WN903  | SPANISH THREE          | Compressed  | LCLB      | OTHR     | -    | -    |      | 4            | 0   | 1   | 1/27 - 4/27 |
| SPA 211-WN904  | SPANISH THREE          | Compressed  | LCLB      | OTHR     | -    | -    |      | 4            | 0   | 1   | 1/30 - 4/27 |
| RAD 291-WN900  | RADIOGRAPHY CLIN REFR  | Compressed  | LCLB      | OTHR     | -    | -    |      | 7            | 0   | 1   | 1/9 - 3/30  |
| RAD 291-WN901  | CLINICAL REFRESHER     | Compressed  | LCLB      | OTHR     | -    | -    |      | 7            | 0   | 1   | 2/6 - 3/30  |
| ENV 154-WN900  | HAZ MAT SHIP/HAND      | Regular     | LCLB      | OTHR     | -    | -    |      | 0.4          | 0   | 1   | 1/7 - 4/27  |
| ACE 291-WN904  | INDEPENDENT STUDY      | Regular     | LCLB      | OTHR     | -    | -    |      | 1            | 1   | 0   | 3/20 - 4/27 |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Independent/Directed Study

| Section Name  | Title                | Term Length | Inst Meth | Location | Days | Time | Room | Credit Hours | Cap | Enr | Dates       |
|---|----------------------|-------------|-----------|----------|------|------|------|--------------|-----|-----|-------------|
| ENG 260W-WN900  | WRT CTR PRACTICUM    | Regular     | LCLB      | OTHR     | -    | -    | -    | 1            | 0   | 1   | 1/10 - 4/23 |
| GEO 116W-WN910  | PROF GLOBAL AWARE    | Regular     | LCLB      | OTHR     | -    | -    | -    | 1            | 0   | 1   | 1/12 - 4/27 |
| GLG 102-WN900   | VOLCANO/EARTHQUAKE   | Regular     | LCLB      | OTHR     | -    | -    | -    | 1            | 0   | 1   | 1/19 - 4/27 |
| GLG 291-WN901   | GROUNDWATER GEOLOGY  | Regular     | LCLB      | DLTA     | -    | -    | -    | 1            | 0   | 1   | 1/9 - 4/18  |
| LWA 291-WN900   | PERSONAL FITNESS     | Regular     | LCLB      | OTHR     | -    | -    | -    | 1            | 0   | 1   | 1/10 - 4/15 |
| ENV 153-WN900   | CONFINED SPACE TRNG  | Regular     | LCLB      | OTHR     | -    | -    | -    | 1.3          | 0   | 1   | 1/7 - 4/27  |
| CJ 291-WN901  | SPECIAL PROJECTS     | Regular     | LCLB      | OTHR     | -    | -    | -    | 2            | 1   | 1   | 3/1 - 6/15  |
| ENV 151W-WN900  | HAZWOPER TRAINING    | Regular     | LCLB      | OTHR     | -    | -    | -    | 2.7          | 0   | 1   | 1/7 - 4/27  |
| <u>Note: Student must provide own tools. Minimum cost \$50.</u> |                      |             |           |          |      |      |      |              |     |     |             |
| ART 232-WN900   | CERAMICS II          | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/9 - 4/26  |
| ART 232-WN902   | CERAMICS II          | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/7 - 4/27  |
| <u>Note: Requires an additional \$100 in materials.</u>         |                      |             |           |          |      |      |      |              |     |     |             |
| ART 288-WN900   | DIGITAL IMAGING II   | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/7 - 4/27  |
| ART 288-WN901   | DIGITAL IMAGING II   | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/8 - 4/26  |
| ART 288-WN902   | DIGITAL IMAGING II   | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/19 - 4/27 |
| CAD 214-WN910   | CAD TECHNIQUES       | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/19 - 4/27 |
| CST 158-WN900   | NETWORK INTRUSION    | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/9 - 4/27  |
| CST 158-WN901   | NETWORK INTRUSION    | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/9 - 4/27  |
| CST 158-WN902   | NETWORK INTRUSION    | Regular     | LCLB      | DLTA     | -    | -    | -    | 3            | 0   | 1   | 1/9 - 4/27  |
| CST 158-WN903   | NETWORK INTRUSION    | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/7 - 4/27  |
| CST 158-WN904   | NETWORK INTRUSION    | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/7 - 4/27  |
| CST 158-WN905   | NETWORK INTRUSION    | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/9 - 4/27  |
| CST 165-WN900   | LINUX NETWORKING I   | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/9 - 4/23  |
| CST 267-WN900   | INTRO COMP FORENSICS | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/16 - 4/23 |
| CST 267-WN901   | INTRO COMP FORENSICS | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/17 - 4/23 |
| ENG 097W-WN900  | ACADEMIC READING     | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 0   | 1/9 - 4/27  |
| ENG 097W-WN901  | ACADEMIC READING     | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/9 - 4/27  |
| ENG 111-WN900   | COLLEGE COMP I       | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/9 - 4/26  |
| ENG 112-WN900   | COLLEGE COMP II      | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/9 - 4/20  |
| ENG 112-WN901   | COLLEGE COMP II      | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/18 - 4/27 |
| ENT 131W-WN910  | ENTREPRENER SM BUS 1 | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/9 - 4/27  |
| ENT 201-WN900   | FIN MGT ENTREPREUR   | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/9 - 4/25  |
| FST 102W-WN901  | FIREGROUND TACTICS   | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/9 - 4/23  |
| FST 107W-WN901  | FIRE PROT SYSTEM I   | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/9 - 4/29  |
| FST 107W-WN902  | FIRE PROT SYSTEM I   | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/9 - 4/23  |
| FST 107W-WN905  | FIRE PROT SYSTEM I   | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 2/1 - 6/1   |
| FST 207W-WN902  | FIRE PROT SYSTEM II  | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/9 - 4/23  |
| FST 231-WN901   | FIRE SCIENCE LAW     | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/9 - 4/27  |
| FST 231-WN902   | FIRE SCIENCE LAW     | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/9 - 4/23  |
| FST 231-WN903   | FIRE SCIENCE LAW     | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/9 - 4/23  |
| IHU 210-WN900   | DEATH AND DYING      | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/9 - 4/27  |
| MGT 110-WN910   | BUSINESS MATH        | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/9 - 4/27  |
| MGT 243-WN900   | PRIN OF MARKETING    | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/7 - 4/27  |
| MGT 257W-WN900  | HUM RESOURC MGT II   | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/7 - 4/27  |
| QA 244-WN901  | STAT PROCESS CONT    | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/12 - 4/25 |
| QA 244-WN903  | STAT PROCESS CONT    | Regular     |           | TRAV     | -    | -    | -    | 3            | 0   | 1   | 1/9 - 4/27  |
| SKDR 141-WN901  | PIPE & TUBE ISOMET   | Regular     | LCLB      | OTHR     | -    | -    | -    | 3            | 0   | 1   | 1/9 - 4/23  |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Independent/Directed Study

| Section Name  | Title               | Term Length | Inst Meth | Location | Days | Time | Room | Credit Hours | Cap | Enr | Dates       |
|---|---------------------|-------------|-----------|----------|------|------|------|--------------|-----|-----|-------------|
| SKMT 102-WN901  | HYDRAULC/PNEUMATC 2 | Regular     | LCLB      | OTHR     |      | -    |      | 3            | 0   | 1   | 1/10 - 4/23 |
| SKPT 106-WN901  | PIPEFITTERS HNDBK   | Regular     | LCLB      | OTHR     |      | -    |      | 3            | 0   | 1   | 1/7 - 4/27  |
| SKPT 106-WN902  | PIPEFITTERS HNDBK   | Regular     | LCLB      | DLTA     |      | -    |      | 3            | 1   | 1   | 1/9 - 4/23  |
| SKPT 106-WN904  | PIPEFITTERS HNDBK   | Regular     | LCLB      | OTHR     |      | -    |      | 3            | 0   | 1   | 1/9 - 4/23  |
| SKPT 106-WN905  | PIPEFITTERS HNDBK   | Regular     | LCLB      | OTHR     |      | -    |      | 3            | 0   | 1   | 1/9 - 4/23  |
| SKPT 106-WN906  | PIPEFITTERS HNDBK   | Regular     | LCLB      | OTHR     |      | -    |      | 3            | 0   | 1   | 1/27 - 5/17 |
| SKTR 183-WN901  | MACHINERYS HANDBOOK | Regular     | LCLB      | OTHR     |      | -    |      | 3            | 0   | 1   | 1/16 - 4/23 |
| SKTR 183-WN902  | MACHINERYS HANDBOOK | Regular     | LCLB      | DLTA     |      | -    |      | 3            | 1   | 1   | 2/6 - 5/15  |
| <u>Note: Drafting Equipment Required</u>  |                     |             |           |          |      |      |      |              |     |     |             |
| DRF 104-WN900   | BASIC MECH DESIGN   | Regular     | LCLB      | OTHR     |      | -    |      | 4            | 0   | 1   | 1/9 - 4/25  |
| <u>Note: USB memory device required.</u>  |                     |             |           |          |      |      |      |              |     |     |             |
| DRF 257-WN901   | ADV MECH DESIGN     | Regular     | LCLB      | DLTA     |      | -    |      | 4            | 0   | 1   | 1/9 - 4/27  |
| DRF 257-WN910   | ADV MECH DESIGN     | Regular     | LCLB      | OTHR     |      | -    |      | 4            | 1   | 1   | 1/12 - 4/27 |
| ECN 221W-WN910  | PRIN OF MACROECON   | Regular     | LCLB      | OTHR     |      | -    |      | 4            | 0   | 1   | 1/11 - 4/28 |
| ENG 093W-WN900  | READING & VOCAB DEV | Regular     | LCLB      | OTHR     |      | -    |      | 4            | 0   | 1   | 1/7 - 4/27  |
| <u>Note: GEO 255W: Same as SOC 265W and may be taken for SOC or GEO credit but not both.</u>  |                     |             |           |          |      |      |      |              |     |     |             |
| GEO 255W-WN900  | THIRD WORLD DEVELOP | Regular     | LCLB      | OTHR     |      | -    |      | 4            | 0   | 1   | 1/9 - 4/29  |
| GLG 118-WN900   | GEOLOGY & DINOSAURS | Regular     | LCLB      | DLTA     |      | -    |      | 4            | 1   | 1   | 1/9 - 4/24  |
| GLG 118-WN901   | GEOLOGY & DINOSAURS | Regular     | LCLB      | OTHR     |      | -    |      | 4            | 0   | 1   | 1/9 - 4/20  |
| GLG 118-WN902   | GEOLOGY & DINOSAURS | Regular     | LCLB      | OTHR     |      | -    |      | 4            | 0   | 1   | 1/12 - 4/25 |
| <u>A graphing calculator is required. A TI-89 or nSpire CAS is recommended if you are taking higher math classes. Please refer to the Graphing Calculator web page at &lt;a href="http://www3.delta.edu/math/"&gt;Math Division&lt;/a&gt;</u>                                     |                     |             |           |          |      |      |      |              |     |     |             |
| MTH 161-WN900   | ANL GEOM & CALC I   | Regular     | LCLB      | OTHR     |      | -    |      | 4            | 0   | 1   | 1/16 - 4/26 |
| <u>Note: Beginning Fall semester 2010, this course may use online resources requiring an access code (included in the textbook price at the Delta College Bookstore). Purchasing textbooks elsewhere may require purchase of an individual access code through the publisher.</u> |                     |             |           |          |      |      |      |              |     |     |             |
| PSY 211W-WN900  | GENERAL PSYCHOLOGY  | Regular     | LCLB      | OTHR     |      | -    |      | 4            | 0   | 1   | 1/9 - 4/27  |
| <u>Note: Course open to those with 2 years of high school or 2 semesters of college Spanish or with instructor permission. Instructor may use out of class testing at the Testing Center for all Exams. Computer with Internet access may be required for some assignments.</u>   |                     |             |           |          |      |      |      |              |     |     |             |
| SPA 211-WN900   | SPANISH THREE       | Regular     | LCLB      | TRAV     |      | -    |      | 4            | 0   | 1   | 1/7 - 4/27  |
| WELD 220-WN900  | WELD QUAL-PLATE     | Regular     | LCLB      | OTHR     |      | -    |      | 4            | 0   | 1   | 1/9 - 4/20  |
| WELD 220-WN902  | WELD QUAL-PLATE     | Regular     | LCLB      | OTHR     |      | -    |      | 4            | 1   | 1   | 1/9 - 4/26  |



# Delta College Winter 2012 Academic Class Schedule

January 7, 2012 - April 27, 2012

## Course Format - Internship/Practica

| Section Name  | Title                  | Term Length | Inst Meth | Location | Days  | Time           | Room | Credit Hours | Cap | Enr | Dates       |
|---|------------------------|-------------|-----------|----------|-------|----------------|------|--------------|-----|-----|-------------|
| ACE 291-WN905   | PC SUPPOST INTERN      | Compressed  | LCLB      | OTHR     |       | -              |      | 1            | 0   | 1   | 4/1 - 6/30  |
| LSP 262-WN902   | LEGL INTERN III        | Compressed  | LCLB      | OTHR     |       | -              |      | 1            | 1   | 1   | 2/14 - 4/23 |
| MUS 173-WN900   | APPLD MUS INSTR MN     | Compressed  | LCLB      | OTHR     |       | -              | TBA  | 1            | 0   | 0   | 1/23 - 4/17 |
| MUS 173-WN910   | APPLD MUS INSTR MN     | Compressed  | LCLB      | OTHR     |       | -              | TBA  | 1            | 0   | 0   | 2/2 - 4/22  |
| ACE 291-WN901   | INTERNSHIP BUSINESS    | Compressed  | LCLB      | OTHR     |       | -              |      | 2            | 0   | 1   | 2/16 - 4/27 |
| ACE 291-WN902   | INTERN BUS & HUMAN SER | Compressed  | LCLB      | OTHR     |       | -              |      | 2            | 0   | 1   | 2/28 - 4/27 |
| <u>Note: By arrangement with Jim Gleason 686-9473.</u>  |                        |             |           |          |       |                |      |              |     |     |             |
| EMB 282-WN910   | EMB INTERNSHIP II      | Compressed  | LCLB      | OTHR     |       | -              | TBA  | 2            | 0   | 3   | 2/6 - 4/27  |
| LSP 261-WN901   | LEGAL INTERN II        | Compressed  |           | OTHR     |       | -              |      | 2            | 1   | 1   | -           |
| MUS 183-WN910   | APPLD MUS INSTR MAJ    | Compressed  | LCLB      | OTHR     |       | -              | TBA  | 2            | 0   | 0   | 2/2 - 4/22  |
| SCI 250-WN902   | RESEARCH PROJ SCI      | Compressed  | LCLB      | OTHR     |       | -              |      | 2            | 0   | 1   | 4/17 - 4/27 |
| LSP 262-WN903   | LEGL INTERN III        | Compressed  | LCLB      | OTHR     |       | -              |      | 3            | 0   | 1   | 2/20 - 4/23 |
| LSP 262-WN904   | LEGL INTERN III        | Compressed  | LCLB      | OTHR     |       | -              |      | 3            | 0   | 1   | 3/2 - 4/27  |
| <u>Note: Permission to register for this course must be obtained through the Cooperative Education Office, A008 (West Courtyard Level). This course is an on-site work experience.</u>  |                        |             |           |          |       |                |      |              |     |     |             |
| OAT 166W-WN110  | OFFICE INTERN          | Compressed  | LCLB      | DLTA     | R     | 8:00A - 10:55A | M163 | 3            | 15  | 0   | 3/22 - 4/19 |
| OAT 166W-WN310  | OFFICE INTERN          | Compressed  | LCLB      | DLTA     | M     | 6:00P - 8:55P  | E114 | 3            | 15  | 5   | 3/19 - 4/16 |
| SCI 250-WN901   | RESEARCH PROJ SCI      | Compressed  | LCLB      | OTHR     |       | -              |      | 3            | 0   | 1   | 2/1 - 4/28  |
| DMS 217-WN910   | CLINICAL ED III        | Compressed  | CLN       | OTHR     |       | -              | TBA  | 5            | 12  | 11  | 1/3 - 3/30  |
| <u>Note: LAB COURSE: Must also register for theory section. Involves 12 hour clinical assignments. Agency orientation required.</u>   |                        |             |           |          |       |                |      |              |     |     |             |
| NUR 250LW-WN110   | NSG CARE/MGMT L        | Compressed  | LCLB      | OTHR     | MTWRF | 7:00A - 7:30P  | COVC | 5            | 3   | 3   | 1/23 - 4/27 |
| NUR 250LW-WN120   | NSG CARE/MGMT L        | Compressed  | LCLB      | OTHR     | MTWRF | 7:00A - 7:30P  | SMAR | 5            | 12  | 11  | 1/23 - 4/27 |
| NUR 250LW-WN130   | NSG CARE/MGMT L        | Compressed  | LCLB      | OTHR     | MTWRF | 7:00A - 7:30P  | COVH | 5            | 10  | 10  | 1/23 - 4/27 |
| NUR 250LW-WN150   | NSG CARE/MGMT L        | Compressed  | LCLB      | OTHR     | MTWRF | 7:00A - 7:30P  | BMED | 5            | 11  | 11  | 1/23 - 4/27 |
|   |                        | Compressed  |           | OTHR     |       | -              |      | 5            |     |     | -           |
| NUR 250LW-WN160   | NSG CARE/MGMT L        | Compressed  | LCLB      | OTHR     | MTWRF | 7:00A - 7:30P  | MHSP | 5            | 4   | 4   | 1/23 - 4/27 |
| NUR 250LW-WN170   | NSG CARE/MGMT L        | Compressed  | LCLB      | OTHR     | MTWRF | 7:00A - 7:25P  | COVC | 5            | 4   | 4   | 1/23 - 4/27 |
| NUR 250LW-WN410   | NSG CARE/MGMT L        | Compressed  | LCLB      | OTHR     | SN    | 7:00A - 7:30P  | SMAR | 5            | 8   | 6   | 1/23 - 4/27 |
| <u>Note: Contact &lt;a href=mailto:ljmenger@delta.edu&gt;Linda Menger&lt;/a&gt;, S-236, 686-9453.</u>   |                        |             |           |          |       |                |      |              |     |     |             |
| ART 262-WN901   | ART INTERNSHIP I       | Compressed  | LCLB      | OTHR     |       | -              |      | 6            | 1   | 1   | 2/8 - 4/27  |
| ACE 280W-WN900  | INTERNSP TECH MGT      | Regular     | LCLB      | OTHR     |       | -              | TBA  | 1            | 0   | 0   | 1/11 - 4/25 |
| Note: This course is an individual instruction, which integrates, reinforces, and documents the students' academic studies with related career experience of at least 180 hours at an approved worksite. For permission to enroll and course assignment, go to the Academic Career Experience & Service Learning Office in A008 (West Courtyard Level). |                        |             |           |          |       |                |      |              |     |     |             |
| ACE 285W-WN900  | INTRSHP DSGN TECH      | Regular     | LCLB      | OTHR     |       | -              | TBA  | 1            | 0   | 0   | 1/11 - 4/25 |
| Note: This course is an individual instruction, which integrates, reinforces, and documents the students' academic studies with related career experience of at least 180 hours at an approved worksite. For permission to enroll and course assignment, go to the Academic Career Experience & Service Learning Office in A008 (West Courtyard Level). |                        |             |           |          |       |                |      |              |     |     |             |
| ACE 285W-WN901  | INTRSHP DSGN TECH      | Regular     | LCLB      | OTHR     |       | -              |      | 1            |     | 1   | 1/7 - 4/27  |
| ACE 285W-WN902  | INTRSHP DSGN TECH      | Regular     | LCLB      | OTHR     |       | -              |      | 1            |     | 1   | 1/18 - 4/27 |
| <u>Note: By arrangement with Jim Gleason 686-9473.</u>  |                        |             |           |          |       |                |      |              |     |     |             |
| EMB 281-WN910   | EMB INTERNSHIP I       | Regular     | LCLB      | OTHR     |       | -              | TBA  | 1            | 0   | 3   | 1/9 - 4/27  |
| <u>Note: Requires permission of instructor</u>  |                        |             |           |          |       |                |      |              |     |     |             |
| LSP 260-WN900   | LEGAL INTERN I         | Regular     | LCLB      | OTHR     |       | -              | TBA  | 1            | 0   | 0   | 1/7 - 4/27  |
| ACE 291-WN900   | INTERNSHIP - ACCOUNTIN | Regular     | LCLB      | OTHR     |       | -              |      | 2            | 0   | 1   | 1/11 - 4/25 |
| AGM 134-WN910   | DEALER WORK EXP I      | Regular     | LCLB      | OTHR     |       | -              | TBA  | 2            | 16  | 8   | 1/9 - 4/27  |
| <u>Note: Contact Tom Bennett 686-9580.</u>  |                        |             |           |          |       |                |      |              |     |     |             |
| EMB 284-WN910   | PUBLIC BRT PRACTICM    | Regular     | LCLB      | DLTA     |       | -              | A054 | 2            | 0   | 5   | 1/12 - 4/27 |
| <u>Note: Contact Tom Bennett 686-9580.</u>  |                        |             |           |          |       |                |      |              |     |     |             |
| EMB 285-WN910   | PUBLIC BRT PRACTICM    | Regular     | LCLB      | DLTA     |       | -              | A054 | 2            | 0   | 2   | 1/10 - 4/24 |
| LSP 261-WN900   | LEGAL INTERN II        | Regular     | LCLB      | OTHR     |       | -              | TBA  | 2            | 0   | 1   | 1/9 - 4/23  |

Note: Requires permission of instructor

**APPENDIX B:**  
**NOT APLICABLE TO DELTA COLLEGE**

## **Appendix C**

### **Student Complaints**

#### **Student Complaint Log Recap**

202 Complaints Recorded

General Categories:

1. Cost/Tuition/Financial Aid/Refunds – There were 31 complaints. All were resolved internally.
2. Grade issues – 33 complaints. One student initially contacted lawyer, but all were resolved internally.
3. Instructor complaints/manner of instruction/classroom policies and procedures – 48 complaints All resolved with students internally
4. Privacy/FOIA/Safety Issues. – 11 complaints. These were initiated by students concerning other students or persons outside of Delta. Delta referred 3 to outside agencies (Police/hospital). 1 student pursued an issue by contacting a private investigator/lawyer.
5. Student Services Processes for Registration/Rules/Graduation Requirements/Credits earned/drop and adds - 55 complaints. All resolved internally, except one student appealed to outside accrediting agency.
6. Equity/Treatment /Harassment – 24 complaints. These were faculty to student, student to student, and staff to student issues. One complaint was referred by Delta campus police to local PD at student request. Complaint not upheld by outside PD. One complaint was filed with EEOC, but student did not follow up.

**Full list of complaints with actions and resolutions available, email [williamwood@delta.edu](mailto:williamwood@delta.edu)**

## **Appendix D**

Financial Documents Follow



**Delta College**

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**Delta College  
University Center, Michigan**

**Entity Identification  
No: 38-6034011**

**Office of Management & Budget  
Circular A-133 Reports for the  
Year Ended June 30, 2011**

Delta College  
Federal Awards  
Supplemental Information  
*Year ended June 30, 2011*



Delta College  
Federal Awards  
Supplemental Information  
Year ended June 30, 2011

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Independent Auditors' Report on Internal Control Over Financial Reporting and on  
Compliance and Other Matters Based on an Audit of Financial Statements  
Performed in Accordance with *Government Auditing Standards*

Board of Trustees  
Delta College  
University Center, Michigan

We have audited the financial statements of Delta College (College) as of and for the year ended June 30, 2011, and have issued our report thereon dated October 18, 2011. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States.

Internal Control Over Financial Reporting

In planning and performing our audit, we considered Delta College's internal control over financial reporting as a basis for designing our auditing procedures for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the College's internal control over financial reporting. Accordingly, we do not express an opinion on the effectiveness of the College's internal control over financial reporting.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. A material weakness is a deficiency, or combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the College's financial statements will not be prevented, or detected and corrected on a timely basis.

Our consideration of internal control over financial reporting was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over financial reporting that might be deficiencies, significant deficiencies, or material weaknesses. We did not identify any deficiencies in internal control over financial reporting that we consider to be material weaknesses, as defined above.

## Compliance and Other Matters

As part of obtaining reasonable assurance about whether Delta College's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

We noted certain matters that we reported to management of Delta College in a separate letter dated October 18, 2011.

This report is intended solely for the information and use of the Board of Trustees, management, federal awarding agencies, and pass-through entities and is not intended to be and should not be used by anyone other than these specified parties.

*Andrews Hooper Paulik PLC*

Saginaw, Michigan  
October 18, 2011

Independent Auditors' Report on Compliance with Requirements  
that could have a Direct and Material Effect on Each Major Program  
and on Internal Control Over Compliance in Accordance with OMB Circular A-133

Board of Trustees  
Delta College  
University Center, Michigan

Compliance

We have audited Delta College's (College) compliance with the types of compliance requirements described in the *U. S. Office of Management and Budget (OMB) Circular A-133 Compliance Supplement* that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2011. The College's major federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs. Compliance with the requirements of laws, regulations, contracts, and grants applicable to each of its major federal programs is the responsibility of the College's management. Our responsibility is to express an opinion on the College's compliance based on our audit.

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and OMB Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations*. Those standards and OMB Circular A-133 require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about the College's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion. Our audit does not provide a legal determination on the College's compliance with those requirements.

In our opinion Delta College complied, in all material respects, with the compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2011.

Internal Control Over Compliance

The management of Delta College is responsible for establishing and maintaining effective internal control over compliance with requirements of laws, regulations, contracts, and grants applicable to federal programs. In planning and performing our audit, we considered the College's internal control over compliance with requirements that could have a direct and

material effect on a major federal program to determine our auditing procedures for the purpose of expressing our opinion on compliance and to test and report on internal control over compliance in accordance with OMB Circular A-133, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of the College's internal control over compliance.

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. A material weakness in internal control over compliance is a deficiency, or combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis.

Our consideration of internal control over compliance was for the limited purpose described in the first paragraph of this section and would not necessarily identify all deficiencies in internal control that might be deficiencies, significant deficiencies, or material weaknesses. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses, as defined above.

#### Schedule of Expenditures of Federal Awards

We have audited the financial statements of Delta College as of and for the year ended June 30, 2011 and have issued our report thereon dated October 18, 2011, which contained an unqualified opinion on those financial statements. Our audit was conducted for the purpose of forming an opinion on the financial statements taken as a whole. The schedule of expenditures of federal awards is presented for purposes of additional analysis as required by OMB Circular A-133 and is not a required part of the financial statements. The schedule of expenditures of federal awards is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated in all material respects in relation to the basic financial statements as a whole.

This report is intended solely for the information and use of the Board of Trustees, management, federal awarding agencies, and pass-through entities and is not intended to be and should not be used by anyone other than these specified parties.

*Andrews Hooper Paulik PLC*

Saginaw, Michigan  
October 18, 2011

Delta College  
Schedule of Expenditures of Federal Awards  
Year ended June 30, 2011

| Federal Agency/Pass-Through Agency/Program Title  | Federal<br>CFDA<br>Number | Pass-Through Entity<br>Project/Grant Number | Award<br>Amount | Federal<br>Expenditures | State and Local<br>Expenditures | Total<br>Expenditures |
|---|---------------------------|---|-----------------|-------------------------|---------------------------------|-----------------------|
| <u>Major Programs</u>   |                           |   |                 |                         |                                 |                       |
| Student Financial Assistance Cluster (Note 2)   |                           |   |                 |                         |                                 |                       |
| U.S. Department of Education - Direct Programs  |                           |   |                 |                         |                                 |                       |
| Federal Supplemental Educational Opportunity Grants Program (Note 4)  | 84.007                    | P007A101993                                 | \$ 381,748      | \$ 375,194              | \$ -                            | \$ 375,194            |
| Federal Work-Study Program & America Reads Program (Note 4)   | 84.033                    | P033A101993                                 | 300,968         | 290,121                 | -                               | 290,121               |
| Federal Pell Grant Program  | 84.063                    | P063P101628                                 | 21,440,948      | 21,440,948              | -                               | 21,440,948            |
| Academic Competitiveness Grant (ACG)  | 84.375                    | P375A101628                                 | 143,450         | 143,450                 | -                               | 143,450               |
| Total Student Financial Assistance Cluster  |                           |   | 22,267,114      | 22,249,713              | -                               | 22,249,713            |
| U.S. Department of Health & Human Services<br>(passed through Cuyahoga Community College District)  |                           |   |                 |                         |                                 |                       |
| Midwest Community College Health Information Technology Consortium Member Grant - ARRA  | 93.721                    | 90CC0079/01                                 | 749,461         | 335,081                 | -                               | 335,081               |
| U.S. Department of Education  |                           |   |                 |                         |                                 |                       |
| Higher Education-Institutional Aid - Title III Strengthening Institutions Program   | 84.031                    | P031A090175                                 | 853,506         | 326,279                 | -                               | 326,279               |
| U.S. Department of Labor  |                           |   |                 |                         |                                 |                       |
| Trade Adjustment Act<br>(passed through the Michigan Department of Energy, Labor & Economic Growth,<br>then through Great Lakes Bay Region Michigan Works! Administration,<br>and then through County of Saginaw) |                           |   |                 |                         |                                 |                       |
| Trade Adjustment Act  | 17.245                    | 67637-96724-10                              | 293,421         | 234,283                 | -                               | 234,283               |
| Trade Adjustment Act  | 17.245                    | 67637-96724-11                              | 315,738         | 315,738                 | -                               | 315,738               |
| TGAAA   | 17.245                    | 67657-96724-11                              | 208,000         | 192,900                 | -                               | 192,900               |
| Total Trade Adjustment Act  |                           |   | 817,159         | 742,921                 | -                               | 742,921               |
| Total Major Programs  |                           |   | 24,687,240      | 23,653,994              | -                               | 23,653,994            |
| <u>Other Federal Awards</u>   |                           |   |                 |                         |                                 |                       |
| Corporation for National and Community Service<br>(passed through the Ohio Campus Compact, then through Dennison University)  |                           |   |                 |                         |                                 |                       |
| Learn & Serve America - Higher Education: Pay It Forward Grant  | 94.005                    | 09LHNOH0010025                              | 20,500          | 19,844                  | -                               | 19,844                |
| Total Corporation for National and Community Services   |                           |   | 20,500          | 19,844                  | -                               | 19,844                |
| U.S. Department of Health & Human Services  |                           |   |                 |                         |                                 |                       |
| Block Grant for Prevention and Treatment of Substance Abuse<br>(passed through Michigan Department of Community Health<br>and Saginaw County Department of Public Health)   |                           |   |                 |                         |                                 |                       |
| 10/1/09 - 9/30/10 (Note 5)  | 93.959                    | License # 090038                            | 76,968          | 15,840                  | 10,560                          | 26,400                |
| 10/1/10 - 9/30/11 (Note 5)  | 93.959                    | License # 090038                            | 75,680          | 28,944                  | 19,296                          | 48,240                |
| Total Block Grant for Prevention and Treatment of Substance Abuse   |                           |   | 152,648         | 44,784                  | 29,856                          | 74,640                |

Delta College  
Schedule of Expenditures of Federal Awards (continued)

| Federal Agency/Pass-Through Agency/Program Title  | Federal<br>CFDA<br>Number | Pass-Through Entity<br>Project/Grant Number | Award<br>Amount  | Federal<br>Expenditures | State and Local<br>Expenditures | Total<br>Expenditures |
|---|---------------------------|---|------------------|-------------------------|---------------------------------|-----------------------|
| <u>Other Federal Awards (continued)</u>   |                           |   |                  |                         |                                 |                       |
| U.S. Department of Health & Human Services (continued)  |                           |   |                  |                         |                                 |                       |
| Job Education and Training (JET) Cluster  |                           |   |                  |                         |                                 |                       |
| (passed through Michigan Department of Energy, Labor & Economic Growth,<br>and then through Great Lakes Bay Region Michigan Works! Administration,<br>and then through County of Saginaw) |                           |   |                  |                         |                                 |                       |
| JET TANF  | 93.558                    | 67641-96724-10                              | \$ 709,995       | \$ 197,315              | \$ -                            | \$ 197,315            |
| JET TANF  | 93.558                    | 67641-96724-11                              | 718,240          | 486,106                 | -                               | 486,106               |
| DHS TANF Support Services   | 93.558                    | 67638-96724-10                              | 85,000           | 47,747                  | -                               | 47,747                |
| DHS TANF Support Services   | 93.558                    | 67638-96724-11                              | 86,485           | 57,541                  | -                               | 57,541                |
| Total Job Education and Training (JET) Cluster  |                           |   | <u>1,599,720</u> | <u>788,709</u>          | <u>-</u>                        | <u>788,709</u>        |
| Total U.S. Department of Health & Human Services  |                           |   | 1,752,368        | 833,493                 | 29,856                          | 863,349               |
| U.S. Department of Education  |                           |   |                  |                         |                                 |                       |
| (passed through the Michigan Department of Education, Office of Career & Technical Education)   |                           |   |                  |                         |                                 |                       |
| Tech Prep Education   | 84.243                    | 113540/11148                                | 156,631          | 112,728                 | -                               | 112,728               |
| (passed through the Michigan Community College Association)   |                           |   |                  |                         |                                 |                       |
| Fund for the Improvement of Postsecondary Education   | 84.116                    |   | 132,300          | 8,979                   | -                               | 8,979                 |
| Vocational Education - Basic Grants to States   |                           |   |                  |                         |                                 |                       |
| (passed through the Michigan Department of Energy, Labor & Economic Growth)   |                           |   |                  |                         |                                 |                       |
| Regional Allocation   | 84.048                    | 113510/11214                                | 729,305          | 729,305                 | -                               | 729,305               |
| MEATA 2011 Spring conference  | 84.048                    | 113290/11291                                | 5,000            | 5,000                   | -                               | 5,000                 |
| CAP Leadership Grant  | 84.048                    | 093670/10244                                | 17,500           | 3,145                   | -                               | 3,145                 |
| CAP Leadership Grant  | 84.048                    | 103670/11244                                | 37,797           | 34,653                  | -                               | 34,653                |
| Curriculum Development-Program of Study: Welding Engineering Tech.  | 84.048                    | 103270/10272                                | 7,500            | 4,447                   | -                               | 4,447                 |
| Curriculum Development-Program of Study: Management   | 84.048                    | 103270/10273                                | 7,500            | 988                     | -                               | 988                   |
| Curriculum Development-Program of Study: Network Service Tech.  | 84.048                    | 103270/10274                                | 7,500            | 2,546                   | -                               | 2,546                 |
| Total Vocation Education - Basic Grants to States   |                           |   | <u>812,102</u>   | <u>780,084</u>          | <u>-</u>                        | <u>780,084</u>        |
| Total U.S. Department of Education  |                           |   | 1,101,033        | 901,791                 | -                               | 901,791               |
| U.S. Small Business Administration  |                           |   |                  |                         |                                 |                       |
| (passed through Michigan Small Business & Technology Development Center<br>and Grand Valley State University)   |                           |   |                  |                         |                                 |                       |
| Michigan Small Business & Technology Development Center   | 59.037                    | 9-603001-Z-0023-10                          | 210,000          | 99,037                  | -                               | 99,037                |
| Michigan Small Business & Technology Development Center   | 59.037                    | 1-603001-Z-0023-11                          | 210,000          | 108,886                 | -                               | 108,886               |
| Total U.S. Small Business Administration  |                           |   | <u>420,000</u>   | <u>207,923</u>          | <u>-</u>                        | <u>207,923</u>        |

Delta College

Schedule of Expenditures of Federal Awards (continued)

| Federal Agency/Pass-Through Agency/Program Title   | Federal<br>CFDA<br>Number | Pass-Through Entity<br>Project/Grant Number | Award<br>Amount | Federal<br>Expenditures | State and Local<br>Expenditures | Total<br>Expenditures |
|--|---------------------------|---|-----------------|-------------------------|---------------------------------|-----------------------|
| <u>Other Federal Awards (continued)</u>  |                           |   |                 |                         |                                 |                       |
| U.S. Department of Transportation  |                           |   |                 |                         |                                 |                       |
| (passed through Michigan Department of State, Michigan Motorcycle Safety Program)  |                           |   |                 |                         |                                 |                       |
| Michigan Motorcycle Safety Program - Motorcycle Purchase Grant   | 20.612                    | 071B1300243                                 | \$ 3,436        | \$ 3,436                | \$ -                            | \$ 3,436              |
| (passed through the State of Michigan Department of Energy, Labor & Economic Growth, then through Great Lakes Bay Region Michigan Works! Administration, and then through the County of Saginaw) |                           |   |                 |                         |                                 |                       |
| Federal Highway Administration - Road Construction Apprenticeship Readiness Program  | 20.205                    | 67489-96724-10                              | 42,838          | 2,065                   | -                               | 2,065                 |
| Total U.S. Department of Transportation  |                           |   | 46,274          | 5,501                   | -                               | 5,501                 |
| U.S. Department of Labor   |                           |   |                 |                         |                                 |                       |
| WIA Cluster  |                           |   |                 |                         |                                 |                       |
| (passed through Michigan Department of Energy, Labor & Economic Growth, then through Great Lakes Bay Region Michigan Works! Administration, and then through the County of Saginaw)              |                           |   |                 |                         |                                 |                       |
| Workforce Investment Act - Adult   | 17.258                    | 67435-96724-11                              | 456,390         | 341,372                 | -                               | 341,372               |
| Workforce Investment Act - Dislocated Worker   | 17.278                    | 67437-96724-11                              | 426,003         | 395,893                 | -                               | 395,893               |
| ECAR-WIA Adult   | 17.258                    | 67483-96724-10                              | 12,243          | 3,954                   | -                               | 3,954                 |
| ECAR-WIA Youth   | 17.259                    | 67483-96724-10                              | 13,110          | 4,234                   | -                               | 4,234                 |
| ECAR-WIA Dislocated Worker   | 17.278                    | 67483-96724-10                              | 16,346          | 5,278                   | -                               | 5,278                 |
| ECAR-WIA Adult   | 17.258                    | 67492-96724-11                              | 11,758          | 4,421                   | -                               | 4,421                 |
| ECAR-WIA Youth   | 17.259                    | 67492-96724-11                              | 12,591          | 4,734                   | -                               | 4,734                 |
| ECAR-WIA Dislocated Worker   | 17.278                    | 67492-96724-11                              | 15,699          | 5,902                   | -                               | 5,902                 |
| Total WIA Cluster  |                           |   | 964,140         | 765,788                 | -                               | 765,788               |
| Employment Services Cluster  |                           |   |                 |                         |                                 |                       |
| (passed through Michigan Department of Energy, Labor & Economic Growth, then through Great Lakes Bay Region Michigan Works! Administration, and then through the County of Saginaw)              |                           |   |                 |                         |                                 |                       |
| Wagner-Peyser - Employment Services  | 17.207                    | 67428-96724-11                              | 490,706         | 406,315                 | -                               | 406,315               |
| NCRC Employment Services - ARRA  | 17.207                    | 67486-96724-11                              | 19,871          | 19,871                  | -                               | 19,871                |
| NCRC Wagner Peyser 7(A)  | 17.207                    | 67487-96724-11                              | 15,770          | 15,770                  | -                               | 15,770                |
| Re-employment Services Grant   | 17.207                    | 67485-96724-10                              | 185,100         | 35,321                  | -                               | 35,321                |
| Re-employment Services Grant   | 17.207                    | 67656-96724-11                              | 13,044          | 13,044                  | -                               | 13,044                |
| ECAR Wagner-Peyser ARRA  | 17.207                    | 67484-96724-10                              | 4,331           | 2,747                   | -                               | 2,747                 |
| Total Employment Services Cluster  |                           |   | 728,822         | 493,068                 | -                               | 493,068               |
| Total U.S. Department of Labor   |                           |   | 1,692,962       | 1,258,856               | -                               | 1,258,856             |

Delta College

Schedule of Expenditures of Federal Awards (continued)

| Federal Agency/Pass-Through Agency/Program Title  | Federal<br>CFDA<br>Number | Pass-Through Entity<br>Project/Grant Number | Award<br>Amount      | Federal<br>Expenditures | State and Local<br>Expenditures | Total<br>Expenditures |
|---|---------------------------|---|----------------------|-------------------------|---------------------------------|-----------------------|
| <u>Other Federal Awards (continued)</u>   |                           |   |                      |                         |                                 |                       |
| U.S. Department of Agriculture  |                           |   |                      |                         |                                 |                       |
| (passed through Michigan Department of Energy, Labor & Economic Growth,<br>and then through Great Lakes Bay Region Michigan Works! Administration,<br>and then through County of Saginaw) |                           |   |                      |                         |                                 |                       |
| FAET Program  | 10.561                    | 67606-96724-10                              | \$ 55,435            | \$ 18,824               | \$ -                            | \$ 18,824             |
| FAET Program  | 10.561                    | 67606-96724-11                              | 17,415               | 13,415                  | -                               | 13,415                |
| FAET Supportive Services  | 10.561                    | 67607-96724-11                              | 1,594                | 527                     | -                               | 527                   |
| Total U.S. Department of Agriculture  |                           |   | <u>74,444</u>        | <u>32,766</u>           | <u>-</u>                        | <u>32,766</u>         |
| Total Other Federal Awards  |                           |   | <u>5,107,581</u>     | <u>3,260,174</u>        | <u>29,856</u>                   | <u>3,290,030</u>      |
| Total Expenditures of Federal Awards  |                           |   | <u>\$ 29,794,821</u> | <u>\$ 26,914,168</u>    | <u>\$ 29,856</u>                | <u>\$ 26,944,024</u>  |

Delta College

Notes to Schedule of Expenditures of Federal Awards

Year ended June 30, 2011

Note 1. Significant Accounting Policies

The accompanying schedule of expenditures of federal awards includes the federal grant activity of Delta College (the College) and is presented on the accrual basis of accounting which is the same basis of accounting as the basic financial statements. The information in this schedule is presented in accordance with the requirements of OMB Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations*. Therefore, some amounts presented in this schedule may differ from amounts presented in, or used in the preparation of, the basic financial statements.

Note 2. Noncash Assistance

The value of the noncash assistance received was determined in accordance with the provisions of OMB Circular A-133.

Summary of Noncash Assistance

The grantee received the following noncash assistance during the year ended June 30, 2011 that is not included on the schedule of expenditures of federal awards:

| Federal Program                             | CFDA Number | Amount       |
|---|-------------|--------------|
| <b>Student Financial Assistance Cluster</b> |             |              |
| Federal Family Education Loans:             | 84.032      |              |
| Stafford subsidized                         |             | \$ 7,620,286 |
| Stafford unsubsidized                       |             | 4,900,028    |
| Plus Loans                                  |             | 90,510       |
| Total Federal Family Education Loans        |             | \$12,610,824 |

Note 3. Grant Auditor's Report

Management has utilized the Michigan Department of Education Grant Auditor's Report (GAR) in preparing the Schedule of Expenditures of Federal Awards for grants processed through the Department's Cash Management System (CMS). Unreconciled differences, if any, have been disclosed to the auditor.

## Delta College

### Notes to Schedule of Expenditures of Federal Awards (continued)

**Note 4. Student Financial Aid**

As allowable and in accordance with federal regulation issued by the U.S. Department of Education, the College is carrying forward \$30,096 of its 2010-2011 Federal Work Study (84.033) Program award to the 2011-2012 award year. Also, the College carried forward \$38,174 of the 2010-2011 Federal Supplemental Education Opportunity Grant (84.007) to the 2011-2012 award year. The College received \$13,005 as an administrative cost allowance for Federal Work Study and \$21,950 for Federal Supplemental Education Opportunity Grant.

**Note 5. Substance Abuse Grant Reporting Requirements**

The State of Michigan Department of Community Health (the State) requires that certain schedules be presented in reports related to audits of substance abuse grants. The following schedule of Center for Substance Abuse Services (CSAS) budgeted, reported, and actual amounts required by the State of Michigan Department of Community Health is presented for two substance abuse grants received by the College. Both grants are fixed unit rate contracts, whereby the amount of funds received is fixed based on the number of procedures performed and also limited to a certain dollar amount in total.

CSAS funding includes Local Alcohol Tax Funds at a rate of approximately 20 percent and the expenditure of such funds is included within the state expenditures column on the accompanying schedule of expenditures of federal awards.

For the award period October 1, 2009 to September 30, 2010, the budgeted, reported, and actual units provided from July 1, 2010 through September 30, 2010 were as follows:

|  | <b>Prevention<br/>Education<br/>Activities</b> |
|--|--|
| Contract rate                              | \$ 80  |
| CSAS recorded units of service:            |  |
| Units recorded by Delta College            | 330  |
| Units audited                              | 330  |
| Variance between recorded and audited      | -  |
| Amount requested per audit                 | \$ 26,400                                      |
| Maximum amount of fixed unit rate revenues | 26,400   |
| Variance                                   | \$ -   |

Delta College

Notes to Schedule of Expenditures of Federal Awards (continued)

Note 5. Substance Abuse Grant Reporting Requirements (continued)

Following is a summary of the budgeted, reported, and audited amounts related to the above units of service:

|  | <b>Budgeted</b>                              | <b>Reported Amount</b>                  |   |              | <b>Amount Subjected to Auditing Procedures</b> | <b>Variance</b> |
|--|--|---|---|--------------|--|-----------------|
|  | <b>October 1, 2009 to September 30, 2010</b> | <b>October 1, 2009 to June 30, 2010</b> | <b>July 1, 2010 to September 30, 2010</b> | <b>Total</b> |  |                 |
| Maximum amount of fixed unit rate revenues     | \$ 76,968                                    | \$ 50,560                               | \$ 26,400                                 | \$ 76,960    | \$ 76,960                                      | \$ -            |
| Less non-MDCH/CSAS revenues:                   |  |   |   |              |  |                 |
| Fees and collections                           | -  | -                                       | -   | -            | -  | -               |
| Local  | (15,394)                                     | (10,112)                                | (5,280)                                   | (15,392)     | (15,392)                                       | -               |
| Fixed unit rate revenues billable to MDCH/CSAS | \$ 61,574                                    | \$ 40,448                               | \$ 21,120                                 | \$ 61,568    | \$ 61,568                                      | \$ -            |
| Source of MDCH/CSAS revenues:                  |  |   |   |              |  |                 |
| Federal  | \$ 46,180                                    | \$ 30,336                               | \$ 15,840                                 | \$ 46,176    | \$ 46,176                                      | \$ -            |
| State  | 15,394                                       | 10,112                                  | 5,280                                     | 15,392       | 15,392   | -               |
| Total  | \$ 61,574                                    | \$ 40,448                               | \$ 21,120                                 | \$ 61,568    | \$ 61,568                                      | \$ -            |

For the award October 1, 2010 to June 30, 2011, the budgeted, reported, and actual units provided were as follows:

|  | <b>Prevention Education Activities</b> |
|--|--|
| Contract rate                              | \$ 80                                  |
| CSAS recorded units of service:            |  |
| Units recorded by Delta College            | 603                                    |
| Units audited                              | 603                                    |
| Variance between recorded and audited      | -                                      |
| Amount requested per audit                 | \$ 48,240                              |
| Maximum amount of fixed unit rate revenues | 48,240                                 |
| Variance                                   | \$ -                                   |

Delta College

Notes to Schedule of Expenditures of Federal Awards (continued)

Note 5. Substance Abuse Grant Reporting Requirements (continued)

Following is a summary of the budgeted, reported, and audited amounts related to the above units of service:

|  | <u>Budgeted</u>   | <u>Reported Amount</u> |                    |                 |
|--|-------------------|------------------------|--------------------|-----------------|
|  | <u>October 1,</u> | <u>October 1,</u>      | <u>Amount</u>      |                 |
|  | <u>2010 to</u>    | <u>2010 to</u>         | <u>Subjected</u>   |                 |
|  | <u>June 30,</u>   | <u>June 30,</u>        | <u>to Auditing</u> |                 |
|  | <u>2011</u>       | <u>2011</u>            | <u>Procedures</u>  | <u>Variance</u> |
| Maximum amount of fixed unit rate revenues     | \$ 75,680         | \$ 48,240              | \$ 48,240          | \$ -            |
| Less non-MDCH/CSAS revenues:                   |                   |                        |                    |                 |
| Fees and collections                           | -                 | -                      | -                  | -               |
| Local  | (15,136)          | (9,648)                | (9,648)            | -               |
| Fixed unit rate revenues billable to MDCH/CSAS | <u>\$ 60,544</u>  | <u>\$ 38,592</u>       | <u>\$ 38,592</u>   | <u>\$ -</u>     |
| Source of MDCH/CSAS revenues:                  |                   |                        |                    |                 |
| Federal  | \$ 45,408         | \$ 28,944              | \$ 28,944          | \$ -            |
| State  | 15,136            | 9,648                  | 9,648              | -               |
| Total  | <u>\$ 60,544</u>  | <u>\$ 38,592</u>       | <u>\$ 38,592</u>   | <u>\$ -</u>     |

Delta College

Schedule of Findings and Questioned Costs

Year ended June 30, 2011

Section I – Summary of Auditor’s Results

**Financial Statements**

|   |                       |                                |  |
|---|-----------------------|--------------------------------|--|
| Type of auditor’s report issued:  | <u>Unqualified</u>    |                                |  |
| Internal control over financial reporting:                                |                       |                                |  |
| Material weakness identified?   | <u>          </u> Yes | <u>    X    </u> No            |  |
| Significant deficiency identified not considered to be material weakness? | <u>          </u> Yes | <u>    X    </u> None reported |  |
| Noncompliance material to financial statements noted?                     | <u>          </u> Yes | <u>    X    </u> No            |  |

**Federal Awards**

|  |                       |                                |  |
|--|-----------------------|--------------------------------|--|
| Internal control over major programs:  |                       |                                |  |
| Material weakness identified?  | <u>          </u> Yes | <u>    X    </u> No            |  |
| Significant deficiency identified not considered to be material weakness?  | <u>          </u> Yes | <u>    X    </u> None reported |  |
| Type of auditor’s report issued on compliance for major programs:  | <u>Unqualified</u>    |                                |  |
| Any audit findings disclosed that are required to be reported in accordance with Circular A-133, Section 510(a)? | <u>          </u> Yes | <u>    X    </u> No            |  |

Identification of major programs:

| <u>CFDA Number</u> | <u>Name of Cluster and Federal Programs</u>  |
|--------------------|--|
| 84.007             | Student Financial Assistance Cluster:<br>Federal Supplemental Educational Opportunity Grants Program |
| 84.032             | Federal Family Education Loans   |
| 84.033             | Federal Work-Study Program & America Reads Program   |
| 84.063             | Federal Pell Grant Program   |
| 84.375             | Academic Competitiveness Grant   |
| 93.721             | Midwest Community College Health Information Technology Consortium Member Grant                      |
| 84.031             | Higher Education-Institutional Aid   |
| 17.245             | Trade Adjustment Act   |

Delta College

Schedule of Findings and Questioned Costs (continued)

Section I – Summary of Auditor’s Results (continued)

Dollar threshold used to distinguish between  
Type A and Type B programs:

\$300,000

Auditee qualified as low-risk auditee?

X Yes

         No

Section II – Financial Statement Findings

None.

Section III – Federal Award Findings and Questioned Costs

None.

Delta College

Summary Schedule of Prior Audit Findings

Year ended June 30, 2011

No matters were reported.

Board of Trustees  
Delta College  
University Center, Michigan

We have audited the financial statements of Delta College as of and for the year ended June 30, 2011, and have issued our report thereon dated October 18, 2011.

In planning and performing our 2011 audit of the financial statements of the College, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, we considered the College's internal control over financial reporting (internal control) as a basis for designing our auditing procedures for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the College's internal control. Accordingly, we do not express an opinion on the effectiveness of the College's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent or detect and correct misstatements on a timely basis. A significant deficiency is a deficiency, or combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

A material weakness is a deficiency, or combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the College's financial statements will not be prevented, or detected and corrected by the College's internal control.

Our consideration of internal control was for the limited purpose described in the second paragraph and was not designed to identify all deficiencies in internal control that might be significant deficiencies or material weaknesses. We did not identify any deficiencies in internal control that we consider to be material weaknesses, as defined above.

This report is intended solely for the information and use of the Board of Trustees and management and is not intended to be and should not be used by anyone other than these specified parties.

Saginaw, Michigan  
October 18, 2011



# Appendix G

## Bay City Times

AM SUNDAY, SEPTEMBER 16, 2012 THE BAY CITY TIMES

### Nation & World

## Record poverty persists; Gap between rich, poor increases

**BY HOPE YEN**  
THE ASSOCIATED PRESS

WASHINGTON — The ranks of America's poor remained stuck at record levels, although dwindling unemployment benefits and modest job gains helped stave off what experts had predicted would be the fourth rise in a row in the poverty rate.

With joblessness persistently high, the gap between rich and poor increased in the last year, according to two census measures. Also, the median, or midpoint, household income was \$50,054, 1.5 percent lower than 2010.

A Census Bureau report released Wednesday provides a mixed picture of the economic well-being of U.S. households in 2011, when the unemployment rate improved to 8.9 percent from 9.6 percent in the previous year. The numbers

**Poverty unchanged**  
The percentage of people living in poverty in the U.S. stood statistically unchanged from 2011. Annual rate:

stood at 15 percent, statistically unchanged from the 15.1 percent in the previous year. The rate was better than a consensus estimate of demographers who had predicted, based on weak wage growth, a gain of up to half a percentage point, to levels not seen since 1965.

For last year, the official poverty line was an annual income of \$23,021 for a family of four. By total numbers, roughly 46.2 million people remained below the poverty line, unchanged from 2010. That figure was the highest in more than half a century when records were kept. The 15 percent poverty rate was basically unchanged from 1993 and was the highest since 1963.

Broken down by state, New Mexico had the highest share of poor people, at 22.2 percent, according to rough calculations by the Census Bureau. It was followed by Louisiana,

the District of Columbia, South Carolina, Arkansas and Georgia. On the other end of the scale, New Hampshire had the lowest, at 7.6 percent.

"This is good news and a surprise," said Sheldon Danziger, a University of Michigan economist who closely tracks poverty. He pointed to a continuing

boost from new unemployment benefits passed in 2009 that gave workers up to 99 weeks of payments after layoffs and didn't run out for many people until late 2011. Also, job gains in the private sector that helped offset cuts in state and local government workers.

It would indicate the stimulus was even more effective than believed," he said.

Bruce D. Meyer, an economist at the University of Chicago, said it was disappointing that poverty levels did not improve. He described it as a sign of lingering problems in the labor market even with recent declines in unemployment.

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The Higher Learning Commission  
230 South LaSalle Street, Suite 7-500  
Chicago, IL 60604-1411

The public may also submit comments on the Commission's website at [www.ncaahc.org](http://www.ncaahc.org).

Comments must address substantive matters related to the quality of the institution or its academic programs. Comments must be in writing.

**All comments must be received by October 15, 2012**

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# Saginaw News

A4 SUNDAY, SEPTEMBER 16, 2012

THE SAGINAW NEWS

## Police: Tips help bring charges against Saginaw slaying suspect

BY ANDY HOAG  
ahoag@live.com



Greg J. Lee

SAGINAW — A judge has arraigned a 29-year-old man charged in the Aug. 29 homicide of Bobby Bailey. Greg J. Lee is charged with an open count of murder, as well as felony murder in the shooting death of Bailey, 21, on Dillon between Needham and Natchez on the city's northeast side. "Tips that came in through the community" led police to Lee, said Saginaw police Detective Sgt. Joseph Dutoi.

On Monday, police found Lee outside a home in the same northeast neighborhood where the killing occurred and "quickly took him into custody without incident," Dutoi said.

Police secured a warrant against Lee on Thursday, and Saginaw County District Judge Terry L. Clark arraigned him

Friday morning. Along with tips, Dutoi credited the "tireless work" of Detective Kyle Bacholter in charging Lee with the homicide. The Saginaw County Mobile Crimes Unit also aided in investigating the case, Dutoi said.

Dutoi said Bailey recently had moved to the northeast neighborhood, and there were "members of that neighborhood who didn't like Bailey because of where he previously lived." Those residents and Bailey argued multiple times in the days leading up to the homicide, Dutoi said.

Bailey was shot about 1:30 p.m. while riding a bicycle. He ran inside his grandmother's house, where he died, police said.

The slaying occurred about nine hours before the homicide of 6-year-old Lay'ia Jones about two blocks away on Esoling. Police have not said whether the two incidents were related.

Tips from the community also led to four men being charged in Lay'ia's death, Dutoi, who expressed frustration with the community

Thursday after the homicide of Ronnie D. Clemmons in a "broad-day shootout," said the tips were crucial in both Aug. 29 cases.

"We don't have the luxury of picking and choosing the crimes we solve," he said. "The only crimes we can solve are the ones in which the community is able to provide sound, testimonial evidence."

Dutoi said investigators were not able to identify where Lee lived. Lee's address in Saginaw County Jail records was 135 Dillon and in court records is 2123 Benjamin on Saginaw's West Side — the home where police executed a search warrant last week, Dutoi said. Police searched for property associated with Lee in an effort to locate him.

In arraigning Lee on Friday, Clark entered a not guilty plea on his behalf and ordered him held without bond. Lee remained jailed.

Lee, who also is charged with four firearm offenses, is scheduled for a Sept. 28 preliminary hearing before District Judge Kyle Higgs Tarant.

## Last of gang suspects takes plea deal

BY ANDY HOAG  
ahoag@live.com

SAGINAW — All of the men accused of being members of the North Side/Projects gang and selling crack cocaine and marijuana have entered pleas. Jason S. Wilson, 34, appeared before Saginaw County Circuit Judge Darrell Jackson and pleaded guilty Thursday to six counts of possessing with intent to deliver less than 50 grams of cocaine.

Wilson was the last of eight men, charged with conducting a continuing criminal enterprise, to enter into a plea bargain with prosecutors.

In exchange for Wilson's plea, prosecutors will drop the criminal enterprise charge, which carries a maximum penalty of 20 years in prison, as well as a charge of possessing with intent to deliver marijuana. The cocaine delivery charge also carries a

20-year maximum sentence. There is no sentence agreement, but Wilson also acknowledged his status as a second- or subsequent-time habitual controlled-substance offender, a status that gives a judge discretion to double a defendant's minimum or maximum sentence, or both.

Prosecutors agreed to drop an unrelated case in which Wilson was charged with the same marijuana delivery offense. Sentencing is Oct. 29.

Wilson's plea comes two weeks after Ivory J. Hatfield was sentenced to two years and six months to 20 years in prison for the criminal enterprise charge and one cocaine delivery charge. Hatfield, who entered a plea agreement in which prosecutors dropped five additional cocaine delivery charges and the marijuana delivery charge, received credit for 38 days.

The remaining six men

— Armand X. Berry, Robbie L. Cotton, Timmie Favorite, Michael A. Frazier, Robert D. Moore and Jessie Studs Jr. — were sentenced to a variety of prison, jail and probation sentences in June and in February.

The Saginaw Police Department and the FBI Mid-Michigan Safe Streets Task Force secured arrest warrants against the men after they sold cocaine and marijuana to undercover officers from the task force, Saginaw police Sgt. Kevin Revard said.

Caramichael M. Herndon also was charged with delivering cocaine but not the criminal enterprise charge.

He was sentenced by Chief Circuit Judge Robert L. Kaczmarek to five years' probation but now faces the marijuana delivery charge in an unrelated July 7 case in Saginaw. He is awaiting a preliminary hearing on the charge.

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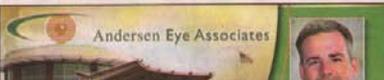


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## POLL: Campaign finance limits supported in new survey

CONTINUED FROM PAGE 1

ing document that's relevant today, even as they lose faith in some of the people who have been given their job descriptions by the Constitution," said David Eisner, the constitution center's chief executive officer.

For the first time in the five years the poll has been conducted, more than 6 in 10 Americans favor giving same-sex couples the same government benefits as opposite-sex married couples. That's an issue, in one form or another, the Supreme Court could take up in the term that begins Oct. 1.

More than half of Americans support legal recognition of gay marriage, although that number is

unchanged from a year ago. In the past three years, though, there has been both a significant uptick in support for gay marriage, from 46 percent to 53 percent, and a decline in opposition to it, from 53 percent to 42 percent.

Loretta Hamburg, 68, of Woodland Hills, Calif., tried to explain why support for gay marriage lags behind backing for same-sex benefits.

"If they've been in a long relationship and lived together and if it's a true relationship, long lasting, it would be OK to have the same rights," Hamburg said.

But she does not support a same-sex union because "it would open up a lot of other things,

like a man wanting two or three wives. I believe in marriage. They could call it something else if they want to give it a different definition. But I don't think it's right and that's what I feel."

The poll also found a slight increase in the share of Americans who say voting rights for minorities require legal protection, although the public is divided over whether such laws still are needed. Sixty percent of Democrats say those protections are still needed, compared with 40 percent of independents and 83 percent of Republicans.

One potential influence was that the survey was conducted amid lawsuits and political rhetoric over the validity of voter

identification laws in several states. The laws mainly have been backed by Republican lawmakers who say they want to combat voter fraud. Democrats, citing academic studies that found there is very little voter fraud, have called the laws thinly veiled attempts to make it harder for Democratic-leaning minority voters to cast ballots.

Two areas in which there has been little change in public attitudes in spite of major events are gun control and President Barack Obama's health care overhaul.

No matter that the Supreme Court upheld the health law, nearly three-fourths of Americans say the government should not

have the power to require people to buy health insurance or pay a penalty. It didn't matter in the poll whether the penalty was described as a tax or a fine.

The July 20 mass shooting at a suburban Denver movie theater that killed 12 people and wounded 58 others did not move opinion on gun rights, where 49 percent oppose gun control measures and 43 percent said limits on gun ownership would not infringe on the constitutional right to bear arms.

Retired Army Col. Glenn Werther, 62, called the Colorado shootings a "horrible thing," but said gun control is not the answer to curbing violence. "There are crazy people out there. How you moni-

tor that, I have no idea," said Werther, a resident of Broad Brook, Conn., and a member of the National Rifle Association. "People are going to get guns that should not have them."

The National Constitution Center is a nonpartisan, nonprofit organization that operates a Philadelphia museum and other educational programs about the Constitution.

The AP-NCC Poll was conducted by GfK Roper Public Affairs & Corporate Communications from Aug. 16-20, using landline and cellphone interviews with 1,006 randomly chosen adults. The margin of sampling error was plus or minus 3.9 percentage points.

**DAILY NEWS**

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