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### FREQUENTLY REQUESTED PHONE NUMBERS

#### MERCED CAMPUS

- **(209 AREA CODE)**
  - Merced College Switchboard ........................................ 384-6000
  - Admissions and Records ............................................. 384-6187
  - Agriculture ................................................................ 384-6250
  - Allied Health ............................................................ 384-6371
  - Arts ........................................................................ 386-6644
  - Bookstore ................................................................ 384-6280
  - Bookstore Annex ...................................................... 386-6758
  - Bookstore Online Pick-up Center ................................ 384-6326
  - Business ................................................................ 384-6120
  - CalWORKs Program .................................................... 381-6515
  - Child Care ............................................................... 384-6245
  - Community Services ................................................ 384-6224
  - Continuing Education (Non-credit Program) ............... 381-6540
  - Counseling ................................................................ 381-6478
  - Disabled Students Program & Services (DSP&S) (voice) .. 384-6155
  - Disabled Students Program & Services (T.D.D.) .......... 384-6311
  - EOPS ....................................................................... 381-6596
  - Financial Aid ............................................................ 384-6031
  - Humanities ............................................................... 384-6150
  - Industrial Technology ................................................. 384-6250
  - Library .................................................................. 384-6080
  - Life Fitness and Health ............................................... 384-6021
  - Los Banos Campus ..................................................... 826-3495 or 381-6411
  - Police .................................................................... 384-6054
  - Science, Math and Engineering .................................... 384-6293
  - Social Science .......................................................... 384-6073
  - Student Help Desk* .................................................... 381-6565
  - Student Fees Office .................................................. 384-6219 or 384-6212
  - Student Success Office ............................................. 384-6177
  - Tri-College Center ..................................................... 384-6545
  - Tutorial Center .......................................................... 384-6529
  - Veterans’ Resource Center ......................................... 384-6118

#### LOS BANOS CAMPUS

- **(209 AREA CODE)**
  - Los Banos Campus Switchboard ................................. 826-3495 or 381-6411
  - Bookstore ................................................................ 381-6424
  - CallWORKs Program .................................................... 381-6428
  - Computer Lab ............................................................ 381-6421
  - Continuing Education (Non-credit Program) ............... 381-6419
  - Counseling ................................................................ 381-6411
  - Disabled Students Program & Services (DSP&S) ........... 381-6423
  - EOPS ....................................................................... 381-6521
  - Financial Aid ............................................................ 381-6435
  - Library .................................................................. 381-6427
  - Police .................................................................... 381-6425
  - Student Fees Office .................................................. 381-6419
  - Student Help Desk* .................................................... 381-6565
  - Veterans’ Services ...................................................... 826-3495 or 381-6432

*For technical assistance using online resources. Also refer to page 63 of this class schedule.
# Registration Information

## Registration Guide

New (including graduating high school seniors in their Spring term) and returning students please follow these steps in order to ensure that you are prepared to register by your registration date.

<table>
<thead>
<tr>
<th>Steps</th>
<th>Recommended way to complete step</th>
<th>Other ways to complete step</th>
<th>Who needs to complete this step</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) New and Returning Students</td>
<td></td>
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<tr>
<td>A) Application</td>
<td>At <a href="http://www.mccd.edu">www.mccd.edu</a> click on Welcome Students Get Started Here. Next, click on Apply Today.</td>
<td>Come to the Lesher Student Services Building, Room 102, during an Open Lab session. To view a schedule of Open Labs, go to <a href="http://www.mccd.edu">www.mccd.edu</a> and click on New and Returning Students. Click on calendar links. Los Banos Students: LB Student Services Building A</td>
<td>New &amp; Returning students</td>
</tr>
<tr>
<td>B) Orientation</td>
<td>Complete online orientation at <a href="http://www.mccd.edu">www.mccd.edu</a>. To access the orientation click on Welcome Students Get Started Here and then click on Apply Today. Complete step 2.</td>
<td>You may complete orientation on campus during the Open Lab session.</td>
<td>New &amp; Returning students</td>
</tr>
<tr>
<td>C) Set up MC4me Student portal account</td>
<td>At <a href="http://www.mccd.edu">www.mccd.edu</a>, click on Welcome Students Get Started Here. Click on Apply Today and choose your student type.</td>
<td>You may set up your student portal account when you come to campus for an Open Lab Session.</td>
<td>New &amp; Returning students</td>
</tr>
<tr>
<td>D) Obtain ID card</td>
<td>Available at the Admissions and Records Office on the 2nd floor of the Lesher Student Services Center. Allow one hour after submitting your application. Los Banos Students: LB Student Services Building A (Picture ID required).</td>
<td></td>
<td>New &amp; Returning students who do not have a yellow Merced College ID card</td>
</tr>
<tr>
<td>E) Assessment</td>
<td>On campus at the Lesher Student Services Center, 1st Floor Room 102 (Merced College ID card required) during Assessment times only. No appointments. First come, first served. To view schedule of assessment times, go to <a href="http://www.mccd.edu">www.mccd.edu</a> and click on Welcome Students Get Started Here. Next click on Apply Today. Then Select step 3. To prepare for ACCUPLACER test go to <a href="http://www.mccd.edu">www.mccd.edu</a>. Click on Welcome Students Get Started Here then choose the Prep2Test link located in the column to the left listed under Related Links.</td>
<td>If you are a graduating high school senior from a Merced County high school, you may be able to assess on your high school campus. Please check with your high school counselor. To prepare for the test, go to <a href="http://www.mccd.edu">www.mccd.edu</a> and click on New and Returning Students. Scroll to step 3 for links to downloadable resources.</td>
<td>New &amp; Returning students</td>
</tr>
<tr>
<td>F) New Student Planning Session</td>
<td>At <a href="http://www.mccd.edu">www.mccd.edu</a> click on Welcome New Students Get Started Here and then click on Apply Today.</td>
<td>Call Merced College at (209) 384-6000-select option 8. Call Los Banos at (209) 826-3495 or 301-6411.</td>
<td>New &amp; Returning students</td>
</tr>
<tr>
<td>2) Register for Classes</td>
<td>Online through your MC4me portal account. For technical help, call Student Help Desk at 209-381-6565. A helpful resource on how to register online and the Merced College English and Math Course Sequence charts are available at <a href="http://www.mccd.edu">www.mccd.edu</a>. Click on New and Returning Students and scroll to step 4 for the links.</td>
<td>In person at the Lesher Student Services Center, Admissions and Records Office, 2nd Floor or the Los Banos Campus, Building A Student Services window.</td>
<td>All students</td>
</tr>
<tr>
<td>3) Pay Fees</td>
<td>Online through your MC4me student portal account</td>
<td>In person at the Lesher Student Services Center, Student Fees Office, 3rd floor or the Los Banos Campus, Student Services window.</td>
<td>All registered students</td>
</tr>
</tbody>
</table>
FALL 2016
WWW.MCCD.EDU
INFORMATION

IMPORTANT ALERT!

Effective Summer 2012, students will be allowed to enroll in most courses for a maximum of three times, including “w’s,” repeats, and pass/no pass grades. This change is retroactive to a student’s original enrollment at Merced College. Students are strongly encouraged to seek additional information about their individual situations from counseling and/or the Admissions and Records Office. These regulations have been established by the Board of Governors of the California Community Colleges.

CONTINUING STUDENTS

The date you may begin Fall or Summer/Fall 2016 registration depends upon the registration group you are assigned (the registration group dates may be found below). Students will be notified of their registration group through Merced College student e-mail. If you did not receive an e-mail notification or disagree with the registration group assigned to you, please come to the Admissions & Records office.

For all students your priority registration window typically begins on a Monday or a Wednesday. You may take advantage of this start date by accessing WebAdvisor Registration or WebAdvisor Student Planning through the Merced College Portal. These planning and registration tools allow you to add (register for) any class that does not require a counselor’s signature or other special permission (e.g., honors, nursing, choir, and other performance courses). A counselor’s signature is required if you are trying to register in a course which has a prerequisite and you either are not currently enrolled in the prerequisite or you have not successfully completed the prerequisite at Merced College. Students on academic or progress probation will be permitted to register online once they have met with a counselor to clear their current probation restriction. Concurrently enrolling (K-12) students are not allowed to register online.

Note 1: Successful completion of a course means you received a grade of “C” or better or a “P” (Pass).

Note 2: If you want to register in a course which has a prerequisite, you must file a Prerequisite Challenge Form and supporting documentation at the time of registration. Counselors can assist in this process if you need help.

Note 3: Telephone registration is no longer available.

NEW AND FORMER STUDENTS

New and former students must complete the Student Success and Support Program (SSSP) process prior to any enrollment at Merced College. SSSP includes application, orientation, assessment and a counselor appointment to begin educational planning. To see information about SSSP, go to http://www.mccd.edu/ar/students_new_returning.html. Students may register for classes after completing these steps. New and former students will be issued a Merced College student e-mail account and WebAdvisor sign on access within one business day of applying to Merced College.

New students, who have completed all required SSSP components may register online within your priority group registration time (the registration group dates may be found on the next page). Follow the Registration Guide for New Students on page 2.

STUDENT PRINT SERVICE

Some computer labs/facilities on campus provide print service for students. Students who would like to print copies in computer labs must purchase a print card.

Print cards can be purchased at the campus bookstore or at the campus student fees office at the cost of $2.00 per 50 pages.

LIBRARY PRINT SERVICES

Print cards may be purchased in the Merced campus library for printing and photocopying services in the library. Each pages costs $.15; color photocopies cost $.60.

IMPORTANT ALERT!

Effective Summer 2012, students will be allowed to enroll in most courses for a maximum of three times, including “w’s,” repeats, and pass/no pass grades. This change is retroactive to a student’s original enrollment at Merced College. Students are strongly encouraged to seek additional information about their individual situations from counseling and/or the Admissions and Records Office. These regulations have been established by the Board of Governors of the California Community Colleges.
All students are required to complete 5 easy steps to be eligible for a priority registration group assignment. To see information about the steps to registration go to [http://www.mccd.edu/getstarted/apply.html](http://www.mccd.edu/getstarted/apply.html). Students who have not completed the required registration steps may register for classes, but will have to wait for the open enrollment period which is the last registration window to open (Group 5).

| GROUP 1 | Registration begins | Wednesday April 13, 2016 | Students who are qualifying Foster Youth or former Foster Youth¹ at Merced College OR Students who are qualifying Veterans, receiving services from EOPS, DSPS or CalWORKs and who:  
- have completed orientation, assessment, and developed a student education plan (abbreviated education plan if less than 15 units completed and comprehensive education plan if 15 units or more completed) at Merced College  
- have completed less than 100 degree applicable units at Merced College  
- do not have 2 or more continuous semesters of probation at Merced College immediately prior to semester enrolling |
| --- | --- | --- | --- |
| GROUP 2 | Registration begins | Monday April 18, 2016 | Athletes, International Students, students with a 3.5 GPA or better and all continuing students who have completed or are in-progress of completing 30 - 75 units at Merced College prior to semester enrolling and who:  
- have completed orientation, assessment, and developed a student comprehensive education plan at Merced College  
- have completed less than 100 degree applicable units at Merced College  
- do not have 2 or more continuous semesters of probation at Merced College immediately prior to semester enrolling |
| GROUP 3 | Registration begins | Monday April 25, 2016 | New students, including graduating high school seniors, who:  
- have completed orientation, assessment and developed a student education plan (abbreviated education plan if less than 15 units completed and comprehensive education plan if 15 units or more completed) at Merced College |
| GROUP 4 | Registration begins | Monday May 2, 2016 | Returning students and all other continuing students at Merced College prior to semester enrolling and who:  
- have completed orientation, assessment, and developed a student education plan (abbreviated education plan if less than 15 units completed and comprehensive education plan if 15 units or more completed) at Merced College  
- have completed less than 100 degree applicable units at Merced College  
- do not have 2 or more continuous semesters of probation at Merced College immediately prior to semester enrolling |
| GROUP 5 | Registration begins | Monday May 16, 2016 | All other students (i.e. Special Admit K-12 students, students who have completed 100 or more degree applicable units, academic enrichment, students not completing orientation, assessment and/or education plans, etc.) |

¹For purposes of this section, “foster youth” means a person who is currently in foster care, and “former foster youth” means a person who is an emancipated foster youth and who is up to 24 years of age.
FALL 2016 FEES

Enrollment fees are due at the time of registration. Payments can be made online through the Merced College student portal at www.mccd.edu/makepayment or in person at the campus Student Fees office. The Student Fees office is located on the 3rd floor of the Lesher Student Services Center in Merced and at the Fees Counter at Los Banos Campus Building A. Before registering, students who owe money must pay in full or have a payment plan in place. If you owe money or need a payment plan, please contact the Student Fees office in person or by telephone at (209) 384-6219 or (209) 384-6212.

Fees are subject to change.

<table>
<thead>
<tr>
<th>Fee Description</th>
<th>Amount</th>
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</thead>
<tbody>
<tr>
<td>Enrollment Fee</td>
<td>$46 per unit</td>
</tr>
<tr>
<td>Health Fee*</td>
<td>$17.00</td>
</tr>
<tr>
<td>Parking Fee</td>
<td>auto $20.00; or $1.00 per day</td>
</tr>
<tr>
<td>Student Rep Fee**</td>
<td>$1.00</td>
</tr>
<tr>
<td>Student Body Fee***</td>
<td>$5.00</td>
</tr>
<tr>
<td>Non-Resident Tuition</td>
<td>$208 per unit, plus enrollment fee</td>
</tr>
</tbody>
</table>

*Ed Code Section 76355 allows exemption from the Health Fee solely to those students meeting the following criteria:
1. Indentured apprentice enrolled in apprenticeship classes only
2. Those who depend exclusively on prayer for healing (appropriate documentation must be filed)
3. Those who are surviving spouse of members of the California National Guard who were killed or prematurely disabled while in the active service of the United States (appropriate documentation must be filed).

This form must be submitted by the end of the second week of the semester. Please contact the Student Fees Office for more information.

**Ed. Code Section 76060.5 allows the Students to request a waiver of this fee for religious, political, moral, or financial reasons.
1. Fee is used to support student advocacy at the local, state and national levels. No fee for summer session.
2. Student Representation Fee Waiver forms are available at the Student Fees Office or ASMC. This form must be submitted by the end of the first week of the semester.

***Per California Community College Student Fee Handbook section 4.3 states that this fee is optional to students:
1. Fee is used for the following: events, club activities, student conferences, student lounge, student professional organization memberships, student emergency book loans and bus passes, college campus tours, scholarships
2. Student Body Fee Waiver forms are available at the Student Fees Office or ASMC. This form must be submitted by the end of the first week of the semester.

FALL 2016 BUSINESS HOURS

MERCED CAMPUS  3600 M Street; Merced, CA  95348  (209) 384-6000
LOS BANOS CAMPUS  22240 Highway 152; Los Banos, CA  93635  (209) 826-3495 or (209) 381-6411

MERCED COLLEGE STUDENT SERVICES & COUNSELING
MERCED CAMPUS AND LOS BANOS CAMPUS
Hours are subject to change

AUGUST 15, 2016 - DECEMBER 16, 2016
Monday, Tuesday, Thursday, Friday .......... 08:00a-04:30p
Wednesday ........................................... 08:00a-07:00p

FALL 2016 EXCEPTIONS:
AUGUST 10-11, 2016
Wednesday, Thursday ............................ 08:00a-07:00p
AUGUST 15-18, 2016
Monday, Tuesday, Wednesday, Thursday      08:00a-07:00p
AUGUST 29 - OCTOBER 7, 2016
Daily (no Wednesday nights) .................... 08:00a-04:30p
NOVEMBER 23, 2016
Wednesday ........................................... 08:00a-04:30p
DECEMBER 21, 2016
Wednesday ........................................... 08:00a-04:30p

MERCED COLLEGE STUDENT FEES
MERCED CAMPUS AND LOS BANOS CAMPUS
Hours are subject to change

AUGUST 15, 2016 - DECEMBER 16, 2016
Monday, Tuesday, Thursday, Friday .......... 08:00a-04:00p
Wednesday ........................................... 08:00a-06:30p

FALL 2016 EXCEPTIONS:
AUGUST 10-11, 2016
Wednesday, Thursday ............................ 08:00a-06:30p
AUGUST 15-18, 2016
Monday, Tuesday, Wednesday, Thursday      08:00a-06:30p
AUGUST 29 - OCTOBER 7, 2016
Daily (no Wednesday nights) .................... 08:00a-04:00p
NOVEMBER 23, 2016
Wednesday ........................................... 08:00a-04:00p
DECEMBER 21, 2016
Wednesday ........................................... 08:00a-04:00p
FALL 2016 CALENDAR and IMPORTANT DATES

AUGUST 2016

<table>
<thead>
<tr>
<th>S</th>
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FALL 2016 SEMESTER BEGINS, AUG 11
FLEX DAY, AUG 11-12
FALL 2015 INSTRUCTION BEGINS, AUG 15

SEPTEMBER 2016

<table>
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NO SATURDAY CLASSES, SEPT 3
LABOR DAY, SEPT 5
CENSUS DAY, SEPT 6

OCTOBER 2016

<table>
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MID-SESSION BEGINS, OCT 17

FALL 2016 Semester registration begins
FALL 2016 SEMESTER INSTRUCTION BEGINS
Adds require instructor’s signature (for 18 week classes)
Refund deadline for 18 week classes
For all other classes, you must drop the day before 10% of the class meetings.
Graduation and Certificate of Completion applications accepted
Last chance to drop with no entry on transcripts for 18 week classes in person
OR online
For all other classes, you must drop the day before 20% of the class meetings.
Instructional Dean’s signature required on adds if effective date is after 3rd week
Pass/No Pass Option deadline
FALL 2016 Mid-Session begins
Adds require instructor’s signature beginning first day of the term.
Last chance to drop with a “W” for 18 week classes in person
OR online
For all other classes, you must drop the day before 75% of the class meetings.
Final Exams
End of FALL 2016 Semester

Calendar dates are subject to revision.
### Accounting

**ACTG-31 Computerized Accounting**

- **Student Units and Class Hours**: 2 units: 1 hour lecture, 3 hours lab.
- **Prerequisites/Corequisites**: Prerequisite: ACTG-04A or ACTG-51. Advisories: CPSC-30; ENGL-85.
- **Course Description**: This course provides instruction in computer-assisted accounting. Topics include general ledger setup, accounts receivable setup, accounts payable setup, transactions and reports, financial statement analysis, depreciation, and payroll.

<table>
<thead>
<tr>
<th>Campus Location</th>
<th>Course Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
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<td>Wesson O</td>
<td>IAC-124</td>
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</table>

Section 1986 will require field trips.

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### Building Abbreviations

<table>
<thead>
<tr>
<th>Merced Campus</th>
<th>Los Banos Campus</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG-Agriculture</td>
<td>LB-A-Los Banos, Bldg A</td>
</tr>
<tr>
<td>AHC-Allied Health Complex</td>
<td>LB-B-Los Banos, Bldg B</td>
</tr>
<tr>
<td>ART-Art Building</td>
<td></td>
</tr>
<tr>
<td>COM-Communications</td>
<td>Off Campus Sites</td>
</tr>
<tr>
<td>GYM-Gymnasium</td>
<td>CCWF-Central California Women's Facility</td>
</tr>
<tr>
<td>IAC-Interdisciplinary Academic</td>
<td>DELH-Delhi</td>
</tr>
<tr>
<td>IT-Industrial Technology</td>
<td>DPHS-Dos Palos High School</td>
</tr>
<tr>
<td>LESH-Lesher Building</td>
<td>LBHS-Los Banos High School</td>
</tr>
<tr>
<td>MUS-Music</td>
<td>LIVIN-Livingston</td>
</tr>
<tr>
<td>MA-Mech Ag</td>
<td>MARI-Mariposa</td>
</tr>
<tr>
<td>PS-Plant Science</td>
<td>PACHS-Pacheco High School</td>
</tr>
<tr>
<td>SCI-Science</td>
<td>VSP-Valley State Prison</td>
</tr>
<tr>
<td>STAGE-Theatre</td>
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</tr>
<tr>
<td>SU-Student Union</td>
<td></td>
</tr>
<tr>
<td>TCC-Tri-College Center</td>
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</tr>
<tr>
<td>THTR-Theatre</td>
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<tr>
<td>VOC-Vocational</td>
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### Session Minutes

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<td>4</td>
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<tr>
<td>350-360</td>
<td>5</td>
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Classes will begin and end at the published times. The number of breaks per class is determined by the table.
ACCOUNTING (ACTG)

ACTG-04A FINANCIAL ACCOUNTING
(C-ID ACCT 110)
4 units: 4 hours lecture.
Advisories: ACTG-51; ENGL-85.
This course provides the student with the knowledge of corporate financial statement reporting and the ability to analyze the reports of a corporation.

MERCED
1162 § MW 12:00p-01:50p Vilhauer C VOC-37
1923 § TTh 02:00p-03:50p Staff AHC-124
1163 § TTh 10:00a-11:50a Vilhauer C AHC-128
6180 § W 05:30p-09:20p Stapleton I VOC-37

LOS BANOS
4001 § TTh 05:00p-06:50p Snipes LB-B-137

ACTG-04B MANAGERIAL ACCOUNTING
(C-ID ACCT 120)
4 units: 4 hours lecture.
This course provides students with instruction in managerial accounting.

MERCED
1164 § MW 10:00a-11:50a Vilhauer C VOC-38
6110 § T 05:30p-09:20p Vilhauer C AHC-124

ACTG-31 COMPUTERIZED ACCOUNTING
2 units: 1 hour lecture, 3 hours lab.
Prerequisite: ACTG-04A or ACTG-51. Advisories: CPSC-30; ENGL-85.
This course provides instruction in computer-assisted accounting. Topics include general ledger setup, accounts receivable setup, accounts payable setup, transactions and reports, financial statement analysis, depreciation, and payroll.

MERCED
6113 § Th 05:30p-09:20p Kekahuna P VOC-114

ACTG-51 APPLIED ACCOUNTING
4 units: 4 hours lecture.
Prerequisite: MATH-80. Advisories: MATH-81; READ-81.
This course is an entry-level accounting course emphasizing a preparer approach using manual accounting methods, and comparing them to current computerized accounting.

MERCED
1165 § MW 12:00p-01:50p Stapleton I AHC-124
1969 § TTh 12:00p-01:50p Stapleton I AHC-123

ACTG-52 PAYROLL RECORDS AND ACCOUNTING
3 units: 3 hours lecture.
This course acquaints the student with various phases of the Fair Labor Standards Act (FLSA), Social Security Act, and other laws relating to the payment of wages and salaries.

MERCED
6035 § M 07:00p-09:50p Stapleton I AHC-125

ACTG-53 FUNDAMENTALS OF INCOME TAX ACCOUNTING
3 units: 3 hours lecture.
Advisories: ACTG-51 or ACTG-04A; ENGL-85.
This course provides the student with the knowledge of tax laws, accounting procedures, and preparation of required returns for federal income taxes.

LOS BANOS
8009 § W 07:00p-09:50p Staff LB-B-137

ADMINISTRATIVE OFFICE MANAGEMENT (AOM)

AOM-30 COMPUTER APPLICATIONS (ALSO: CPSC-30)
3 units: 2 hours lecture, 3 hours lab.
Advisories: AOM-50A or AOM-50B (keyboard at a minimum of 20 GWAM); READ-81; ENGL-84; MATH-80.
This course is intended for students seeking an introduction to application software used in the workplace with emphasis on business situations.

ONLINE/HYBRID
2550 ONLINE Pirtle T
CONTACT: toni.pirtle@mccd.edu.
2560 ONLINE Garcia Martinez J
CONTACT: juan.garcia955@mccd.edu
COMMENTS: Microsoft Office 2013 Professional is required to include ACCESS.
2567 ONLINE Robinson D
CONTACT: robinson.d@mccd.edu
COMMENTS: Microsoft Office 2013 Professional is required to include ACCESS. Students must CHECK COLLEGE EMAIL account BY THE FIRST DAY of the semester for important instructions on getting started with this course.

MERCED
1020 § MW 08:00a-10:15a Ahmadi A VOC-113
1023 § MW 08:00a-10:15a Kline S VOC-115
1042 § MW 01:00p-03:15p Kline S VOC-115
1029 § TTh 08:00a-10:15a Hoover L VOC-115
1030 § TTh 08:00a-10:15a Ahmadi A VOC-113
1032 § TTh 01:00p-03:15p Kline S VOC-113
6003 § W 05:10p-10:00p Cadden K VOC-113
6009 § Th 05:10p-10:00p Zdanowski M VOC-115
6017 § MW 05:30p-07:45p Kekahuna P VOC-114

LOS BANOS
4254 WC TTh 08:00a-10:15a Robinson D LB-A-109
COMMENTS: Microsoft Office 2013 Professional software is required (to include ACCESS).
8254 MW 07:00p-09:15p Staff LB-A-108
Section 8254 requires Microsoft Office 2013 Professional is required to include ACCESS.

DELHI
7702 TTh 06:30p-08:45p Abbott D DELH-MC7
Section 7702 is held at Delhi Center of Merced College; 9384 Merced Avenue, Delhi.

AOM-50B KEYBOARDING AND DOCUMENT FORMATTING
3 units: 2 hours lecture, 3 hours lab.
Advisories: READ-81, ENGL-84.
Students will learn the (1) development of basic computerized keyboarding techniques and (2) fundamental knowledge of word processing software to properly format memorandums, letters, envelopes, tables, and reports.

MERCED
1236 § MW 01:00p-03:15p Carroll C VOC-113
1384 § TTh 01:00p-03:15p Downing S VOC-115
AOM-51 KEYBOARDING/WORD PROCESSING
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: AOM-50B (30 wpm, 95% accuracy). Advisories: READ-81, ENGL-84.
This course provides instruction and review of computerized keyboarding using word processing software; emphasis is placed on formatting memorandums, business letters, business forms, legal and medical documents, tables, and reports, as well as keyboarding with speed and accuracy.

ONLINE/HYBRID
2533 M 05:30p-07:20p Carvalho S VOC-115
CONTACT: carvalho.s@mccd.edu.
ORIENTATION: MANDATORY - Monday, August 15, 2016; 05:30p-07:20p; VOC-115;
IN-CLASS SESSIONS: Lecture; Mondays; 05:30p-07:20p; VOC-115.
COMMENTS: 3 hours lab per week will be ONLINE.

AOM-52A KEYBOARDING SPEED AND ACCURACY
1 unit: 5 hour lecture, 1.5 hours lab.
Advisories: Know the qwerty enhanced keyboard and be able to key at least 22 wpm with 85% accuracy; READ-81, ENGL-84.
This course is designed to increase keyboarding speed and accuracy through the use of individualized evaluation.

MERCED
9037 WC TTh 02:00p-03:50p Blackmore C VOC-114
Section 9037 is held from 10/17/16 to 12/16/16.

AOM-53 ADVANCED COMPUTER APPLICATIONS
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: AOM-30 or CPSC-30.
The student will learn the advanced features of the word processor, spreadsheet, database, and presentations applications.

ONLINE/HYBRID
2527 ONLINE Blackmore C
CONTACT: For course-specific questions contact the professor of the class cynthia.blackmore@mccd.edu.
ORIENTATION: MANDATORY; Wednesday, August 17, 2016; 05:30p-07:20p; COM-2.

AOM-56 OFFICE PROCEDURES
3 units: 3 hours lecture.
Advisories: READ-81, ENGL-84.
Students will learn the skills, strategies, and techniques needed to perform the common office procedures employed in any business.

MERCED
6004 $ T 05:30p-08:20p Downing S VOC-115

AOM-58 WEB SITE DEVELOPMENT
[CILC area B,F]
1 unit: 1 hour lecture.
Advisories: CPSC-30.
This is an introductory course in the planning, design and creation of a web site.

MERCED
9109 WC MW 08:00a-09:20a Carroll C VOC-114
Section 9109 is held from 08/15/16 to 09/23/16.

AOM-60A BUSINESS ENGLISH
3 units: 3 hours lecture.
Advisories: READ-81, ENGL-84; AOM-50B or type 25 wpm.
This course covers the mechanics of English as specifically applied to the field of business.

MERCED
1181 $ MW 11:00a-12:15p Kline S VOC-115

AOM-60B BUSINESS COMMUNICATION ESSENTIALS
3 units: 3 hours lecture.
Prerequisite: AOM-60A. Advisories: AOM-30 or CPSC-30 or AOM-50B.
This course covers the business writing patterns of routine, persuasive, and negative messages. Students learn the basic training in listening, speaking, and non-verbal communication in order to develop the skills needed in everyday communication in business.

MERCED
6111 $ W 05:30p-08:20p Abbots D VOC-115

AGRICULTURE (AGRI)

AGRI-10 AGRICULTURE, ENVIRONMENT, AND SOCIETY
(CSU breadth area D)
3 units: 3 hours lecture.
Advisories: AGBS-18; ENGL-85; LRNR-30.
This course involves an international view of the sociology of agriculture presented through an examination of relationships between societies and their environments, economics, and agriculture.

MERCED
1996 WC MWF 11:00a-11:50a Staff AG-11

AGRICULTURE BUSINESS (AGBS)

AGBS-10 INTRODUCTION TO AGRICULTURE BUSINESS
(C-ID AG - AB 104)
3 units: 3 hours lecture.
Advisories: ENGL-85; MATH-80.
This course is a survey of the broad scope of agriculture business. It serves as an introduction to economic, accounting, management, sales, leadership, and marketing aspects of agriculture and their impact on producers and consumers.

MERCED
1011 WC MWF 11:00a-11:50a Donaher K AG-10

AGBS-11 AGRICULTURAL ECONOMICS
(CSU breadth area D) (IGETC area 4)
3 units: 3 hours lecture.
Advisories: ENGL-85; MATH-81.
This course includes the analysis of the microeconomic principles of supply and demand and the affects on producers and consumers.

MERCED
1995 WC MWF 09:00a-09:50a Donaher K AG-11

AGBS-13 AGRICULTURAL MARKETING
3 units: 3 hours lecture.
Advisories: ENGL-85; MATH-80.
This course includes a survey of the marketing aspects of the agriculture industry and an overview of the structure and institutional aspects of the marketing system.

MERCED
1910 WC MWF 10:00a-10:50a Donaher K AG-11

AGBS-18 AGRICULTURAL COMPUTER APPLICATIONS
(C-ID AG - AB 108) [CILC areas A,B,C,D,E,F,G]
3 units: 2 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-81.
This course explores computer use in the workplace with emphasis on agribusiness situations.

MERCED
1994 WC TTh 10:30a-12:45p Donaher K VOC-114

AGBS-31A AGRICULTURAL AMBASSADORS - INTRODUCTION
2 units: 2 hours lecture.
Advisories: ENGL-84; READ-81.
The purpose of this course is to introduce students to the Agricultural Ambassador program.

MERCED
1911 WC M 03:15p-05:05p Donaher K AG-11
### FALL 2016 CLASSES

#### ALLIED HEALTH (ALLH)

**ALLH-60 NURSE ASSISTANT**

5.5 units; 3 hours lecture, 7.5 hours lab.
Limitation on enrollment: Orientation workshop; CPR card - Module A/C; negative TB screening test within past 6 months or negative chest x-ray within past year; DOJ fingerprint clearance; Penal Code Violations clearance. Advisories: READ-80, ENGL-84.

The course provides clinical instruction and practice of basic nursing skills required of nursing assistants employed in skilled nursing facilities and extended care facilities.

**ALLH-60 requires a mandatory orientation.**

Go to [http://www.mccd.edu/alliedhealth](http://www.mccd.edu/alliedhealth) for complete information.

#### MERCED

**ALLH-60**

<table>
<thead>
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<th>Days</th>
<th>Time</th>
<th>Instructor</th>
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Section 6006 is held at Merced Nursing & Rehab, 510 W. 26th St., Merced or La Sierra Care Center, 2424 M St., Merced and includes a 30 minute lunch break.

<table>
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<td>Dickens A</td>
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</tbody>
</table>

Section 6019 is held at Merced Nursing & Rehab, 510 W. 26th St., Merced or La Sierra Care Center, 2424 M St., Merced and includes a 30 minute lunch break.

#### LOS BANOS

**ALLH-60**

<table>
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<tbody>
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<td>4031</td>
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<td>Lima B</td>
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<td>&amp; S</td>
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Section 4031 Lab includes a 30 minute lunch break.

Section 4031 Lab will meet from 08/15/16 to 09/03/16 in LB-B-138. Beginning 09/04/16 this section will meet at the New Bethany Skilled Nursing Facility: 1441 Berkeley Dr.; Los Banos. Section 4031 Lab includes a 30 minute lunch break.

#### LOS BANOS

**ALLH-67 MEDICAL TERMINOLOGY**

3 units; 3 hours lecture.
Advisory: ENGL-85.
This course is a study of general medical terminology -- diagnostic, operative, and symptomatic terms related to body systems -- with emphasis on proper spelling and pronunciation.

#### ONLINE/HYBRID

<table>
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**ORIENTATION:** August 16, 2016; 05:00p-06:45p; COM-2

**In-Class Sessions:** September 6, 20; October 18; November 8, 29; December 13; 05:00p-06:45p; AHC-130

#### MERCED

**ALLH-67**

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<td>Barber R</td>
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#### LOS BANOS

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<td>Fragasso G</td>
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#### AMERICAN SIGN LANGUAGE (ASLG)

**ASLG-01 BEGINNING AMERICAN SIGN LANGUAGE**

3 units; 3 hours lecture.
Prerequisite/Advisory: None.
This course is an introduction to understanding and signing American Sign Language and appreciating the basic elements of the deaf culture.

#### MERCED

<table>
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<td>03:30p-04:45p</td>
<td>Young Pfeiffer S</td>
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**ASLG-02 INTERMEDIATE AMERICAN SIGN LANGUAGE**

3 units; 3 hours lecture.
Prerequisite: ASLG-01.
This course provides intermediate practice understanding and signing American Sign Language and appreciating the basic elements of the deaf culture.

#### LOS BANOS

<table>
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<td>LB-B-136</td>
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</table>

#### ANIMAL SCIENCE (ANSC)

**ANSC-10 ELEMENTS OF ANIMAL SCIENCE**

3 units; 3 hours lecture.
Advisory: ENGL-85.
This course is a survey of the livestock industry, supply of animal products, and their uses in animal production. There is a special emphasis on the origin, characteristics, adaptation, and contributions of farm animals to the agriculture industry. Field trips will be required.

#### MERCED

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>1017</td>
<td>WC</td>
<td>09:00a-09:50a</td>
<td>Staff</td>
<td>AG-10</td>
</tr>
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**ANSC-13 ANIMAL DISEASE AND PARASITE CONTROL**

3 units; 3 hours lecture.
Advisory: ENGL-85.
This course of animal health and sanitation will provide instruction to the student on common livestock diseases and fundamentals of immunity.

#### MERCED

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<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
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<td>1018</td>
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**ANSC-18 SHEEP AND MEAT GOAT SCIENCE**

3 units; 2 hours lecture, 3 hours lab.
Advisory: ENGL-85.
This course is a survey of the sheep and meat goat industry including management of commercial, purebred and small farm flocks; selecting, feeding, breeding and basic care of the herd animals plus the marketing and economics of lambs, wool, and kids.

#### MERCED

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<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<tr>
<td>&amp; T</td>
<td>01:00p-03:50p</td>
<td>Staff</td>
<td>AG-11</td>
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</table>

**ANSC-30 FITTING, SHOWING, AND MERCHANDISING LIVESTOCK**

1.5 units; 1 hours lecture, 1.5 hours lab.
Advisory: ENGL-85.
This course is designed for students to develop skills in preparing and marketing beef cattle, sheep, swine, dairy cattle, and goats for competition at intercollegiate livestock competitions. Lessons in exhibiting the animals are given. The course may be repeated three times.

#### MERCED

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
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#### ANTHROPOLOGY (ANTH)

**ANTH-01 INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY**

(CSU breadth area B2/B3) (IGETC area 5B/5C)
4 units; 3 hours lecture, 3 hours lab.
Advisory: ENGL-01A.
This survey of physical anthropology deals with the study of man’s biological heritage and physical variability. The fossil evidence and theories of early man’s development will be covered.

#### MERCED

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<tr>
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<td>Buechler J</td>
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<td>6173</td>
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<td>07:00p-09:50p</td>
<td>Buechler J</td>
<td>IAC-110</td>
<td></td>
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</tbody>
</table>
ANTH-02 SOCIOCULTURAL ANTHROPOLOGY
(C-ID ANTH 120) (CSU breadth area D) (IGETC area 4)
3 units: 3 hours lecture.
Advisories: ENGL-85.
This course is an introduction to the study of human culture and the concepts, theories, and methods used in the comparative study of socio-cultural systems.

MERCED
1782 TTh 09:30a-10:45a Gaugler C IAC-110
6040 W 07:00p-09:50p Arguelles M IAC-110

ANTH-10 SOUTHEAST ASIAN CULTURE: HMONG
(CSU breadth area D) (IGETC area 4)
3 units: 3 hours lecture.
Advisories: ENGL-85.
This course surveys the basic ideas and social constructs of Southeast Asian Cultures, especially the cultures of the new Southeast Asian groups of people in California: Hmong, Mien, Lue, Lao, Cambodian, and Vietnamese.

MERCED
6333 Th 07:00p-09:50p Vangay J VOC-8

ART (ART)

ART-01 ART HISTORY: ANCIENT THROUGH GOTHIC
(CSU breadth area C1) (IGETC area 3A)
3 units: 3 hours lecture.
Prerequisite: ENGL-85. Advisory: ENGL-01A.
This course is a survey that examines the historical contexts of humanity through the development of art, architecture, painting, sculpture, and the minor arts, from pre-history through the Gothic period.

MERCED
1463 MW 03:30p-04:45p Salmon L ART-1
6482 T 07:00p-09:50p Serpa B ART-1

LOS BANOS
4081 F 09:00a-11:50a Staff LB-B-106

ART-02 ART HISTORY: RENAISSANCE THROUGH 20TH CENTURY
(CSU breadth area C1) (IGETC area 3A)
3 units: 3 hours lecture.
Prerequisite: ENGL-85. Advisory: ENGL-01A.
This course is a survey that examines the historical context of humanity through the development of art, architecture, sculpture, painting and the applied arts from the Renaissance to the 20th Century.

MERCED
1015 MW 11:00a-12:15p Disch S ART-1
1036 TTh 03:30p-04:45p Benhissen L ART-1

ART-06 SURVEY OF MODERN ART
(CSU breadth area C1)
3 units: 3 hours lecture.
Prerequisite: ENGL-85. Advisory: ENGL-01A.
This course is a survey of the prominent artists and art movements from the 19th and 20th centuries to today.

MERCED
1441 TTh 11:00a-12:15p Barnett C ART-1

ART-12A SCULPTURE: 3-D FOUNDATIONS
(C-ID ARTS 101)
3 units: 2 hours lecture, 3 hours lab.
Advisory: ENGL-85.
This course is an introduction to the fundamentals of the sculpting process and the study of a variety of materials related to sculpture. 

MERCED
1085 MW 01:00p-03:15p Barnett C ART-4
6665 W 05:10p-10:00p Barnett C ART-4

ART-12B INTERMEDIATE SCULPTURE
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: ART-12A.
Students will explore sculpture materials, methods, techniques, and create three-dimensional design projects related to intermediate-level course work. 

ART-12B requires a $40 material fee.

MERCED
1086 MW 01:00p-03:15p Barnett C ART-4
6666 W 05:10p-10:00p Barnett C ART-4

ART-15 DESIGN: 2-D FOUNDATIONS
3 units: 2 hours lecture, 3 hours lab.
Advisory: ENGL-01A.
This studio survey class is a required foundation course for the study of the Visual Arts.

MERCED
1088 TTh 01:00p-03:15p Barnett C ART-4

LOS BANOS
4093 TTh 10:00a-12:15p Donovan M LB-B-106

ART-17A INTRODUCTION TO CERAMICS
3 units: 2 hours lecture, 3 hours lab.
Advisory: ENGL-85.
This course is an introduction to ceramic materials, concepts, and processes including basic design elements and principles, creative development, hand-building, throwing, glaze techniques, firing and ceramic terminology. 

ART-17A requires a materials fee of $10. Additionally, students will need to purchase an estimated minimum two bags of clay at a cost of $10/bag. Students provide their own clay tools, available at the bookstore at an estimated cost of $10.

MERCED
1089 TTh 01:00p-03:15p French S ART-5
6028 T 05:10p-10:00p French S ART-5

ART-17B INTERMEDIATE CERAMICS
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: ART-17A. Advisory: ENGL-85.
This is an intermediate course in ceramic pottery and sculpture design and construction, non-technical glaze composition, and kiln firing. 

ART-17B requires a materials fee of $10. Additionally, students will need to purchase an estimated minimum two bags of clay at a cost of $10/bag. Students provide their own clay tools, available at the bookstore at an estimated cost of $10.

MERCED
1554 TTh 01:00p-03:15p French S ART-5
6032 T 05:10p-10:00p French S ART-5

ART-23A INTRODUCTION TO PAINTING
(C-ID ARTS 210)
3 units: 2 hours lecture, 3 hours lab.
Advisory: ENGL-85.
This course is an introduction to the principles, elements, and practices of painting in oil and acrylic mediums.

MERCED
1100 MW 10:30a-12:45p Benhissen L ART-6
6026 TTh 07:30p-09:45p Kirksey R ART-6

ART-23B INTERMEDIATE PAINTING
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: ART-23A. Advisory: ENGL-85.
This course is an exploration of artistic concepts, styles, and creative expression related to intermediate-level painting, focusing on complex subject matter and concepts using a variety of subjects, techniques, and methodologies.

MERCED
1101 MW 10:30a-12:45p Benhissen L ART-6
6027 TTh 07:30p-09:45p Kirksey R ART-6
ART-24A DRAWING I
(C-ID ARTS 110)
3 units: 2 hours lecture, 3 hours lab.
Prerequisite/Advisory: None.
This course is an introduction to the principles, theories, and techniques of drawing and composition.
MERCED
1094 MW 08:00a-10:15a Disch S ART-6
1090 MW 01:00p-03:15p Salmon L ART-6
1889 TTh 10:30a-12:45p Serpa B ART-6
1458 TTh 01:00p-03:15p Benhissen L ART-6
1858 S 09:00a-01:50p Whatley L ART-6
6024 TTh 05:00p-07:15p Kirksey R ART-6
LOS BANOS
4105 TTh 02:00p-04:15p Donovan M LB-B-101
ART-24B INTERMEDIATE DRAWING
(C-ID ARTS 205)
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: ART-24A.
This course is an exploration of artistic concepts, styles, and creative expression related to intermediate-level drawing, focusing on complex subject matter and concepts using a variety of drawing mediums, techniques, and methodologies.
MERCED
1038 MW 08:00a-10:15a Disch S ART-6
1091 MW 01:00p-03:15p Salmon L ART-6
1890 TTh 10:30a-12:45p Serpa B ART-6
1043 TTh 01:00p-03:15p Benhissen L ART-6
1860 S 09:00a-01:50p Whatley L ART-6
6029 TTh 05:00p-07:15p Kirksey R ART-6
LOS BANOS
4107 TTh 02:00p-04:15p Donovan M LB-B-101
ART-26A INTRODUCTION TO FIGURE DRAWING
(C-ID ARTS 200)
3 units: 2 hours lecture, 3 hours lab.
Advisory: ENGL-85.
This course is an introduction to drawing the human figure from observation using a wide variety of drawing media and techniques.
MERCED
6048 W 05:10p-10:00p Benhissen L ART-6
ART-26B INTERMEDIATE FIGURE DRAWING
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: ART-26A. Advisory: ENGL-85.
Exploration of artistic concepts, styles, and creative expression related to intermediate-level figure drawing, focusing on complex composition and concepts using a variety of color drawing mediums, techniques, and methodologies.
MERCED
6050 W 05:10p-10:00p Benhissen L ART-6
ART, DIGITAL (ARTD)
ARTD-40A INTRODUCTION TO DIGITAL ART
(CSU breadth area C1) (IGETC area 3A) [CILC area A,B,D,E,G]
3 units: 2 hours lecture, 3 hours lab.
Advisory: AOM-50A; ENGL-85.
The studio survey course introduces fundamental raster and vector artwork concepts and manipulation processes.
ARTD-40A requires that students provide their own DSLR camera or point and shoot digital camera and pay a $40 materials fee.
MERCED
1841 MW 01:00p-03:15p Perlin A ART-8
6025 T 05:10p-10:00p Perlin A ART-8
ARTD-40B INTERMEDIATE DIGITAL ART
(CSU breadth area C1) (IGETC area 3A) [CILC area A,B,D,E,G]
3 units: 2 hours lecture, 3 hours lab.
Advisories: AOM-50A; ART-15, ARTD-40A; ENGL-85.
This studio course continues to inculcate creative thinking ability, the exploration of design elements & composition, and imaginative technical ability through the use of bitmap and vector software programs.
ARTD-40B requires that students provide their own DSLR camera or point and shoot digital camera and pay a $40 materials fee.
MERCED
1888 TTh 01:00p-03:15p Perlin A ART-8
ARTD-41A INTRODUCTION TO VISUAL COMMUNICATION
[CILC area A,B,D,E,G]
3 units: 2 hours lecture, 3 hours lab.
Advisory: AOM-50A; ENGL-85.
This course provides an introduction to graphic design and the visual communication arts.
ARTD-41A requires that students provide their own DSLR camera or point and shoot digital camera and pay a $40 materials fee.
MERCED
1888 TTh 01:00p-03:15p Perlin A ART-8
ARTD-41B INTERMEDIATE VISUAL COMMUNICATION
[CILC area A,B,D,E,G]
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: ARTD-41A. Advisory: AOM-50A; ENGL-85.
This course provides an intermediate-level framework for understanding graphic design and the visual communication arts.
ARTD-41B requires that students provide their own DSLR camera or point and shoot digital camera and pay a $40 materials fee.
MERCED
1888 TTh 01:00p-03:15p Perlin A ART-8
ARTD-42A INTRODUCTION TO MOTION GRAPHICS
[CILC area A,B,D,E,G]
3 units: 2 hours lecture, 3 hours lab.
Advisory: AOM-50A; ART-24A; ENGL-85.
This course involves innovative thinking in introductory graphics on a timeline.
MERCED
1888 TTh 01:00p-03:15p Perlin A ART-8
ARTD-45A MULTIMEDIA I: INTRODUCTION TO WEB DESIGN AND ANIMATION
3 units: 2 hours lecture, 3 hours lab.
Advisories: AOM-50A; ART-15, ARTD-40A; ENGL-85.
This course provides an intermediate-level framework for understanding graphic design and the visual communication arts.
ARTD-45A requires that students provide their own DSLR camera or point and shoot digital camera and pay a $40 materials fee.
MERCED
1853 MW 10:30a-12:45p Perlin A ART-8
ASTRONOMY (ASTR)
ASTR-01 PRINCIPLES OF ASTRONOMY
(CSU breadth area B1) (IGETC area 5A)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This is a basic course studying the principles of astronomy beginning with the solar system and continuing through the Milky Way Galaxy and the galaxies beyond.
MERCED
1426 MWF 01:00p-01:50p Pourtaviridi Z SCI-110
1558 S 09:00a-11:50a Pourtaviridi Z SCI-110
1642 TTh 11:00a-12:15p Davies R SCI-110
6290 W 07:00p-09:50p Davies R SCI-110
LOS BANOS
8117 S Th 07:00p-09:50p Fan S LB-B-106
ATHLETICS (ATHL)

ATHL-01A INTERCOLLEGIATE ASTRONOMY LABORATORY
(CSU breadth area B1/B3) (IGETC area 5C)
1 unit: 3 hours lab.
One-way corequisite: ASTR-01. Advisories: ENGL-85; MATH-81.
This is a basic course in astronomy providing laboratory experience and
opportunity for observation of the night sky.

ATHL-01B INTERCOLLEGIATE BASKETBALL
1.5-3 units: 5-10 hours lab.
Limitation on enrollment: This is a varsity team sport requiring coach’s
or academic athletic advisor’s approval. Advisory: KINE-13.
This course teaches theory, practice and game performance of competitive
athletics. This course may be repeated three times.

ATHL-01C INTERCOLLEGIATE FOOTBALL
3 units: 10 hours lab.
Limitation on enrollment: This is a varsity team sport requiring coach’s
or academic athletic advisor’s approval.
This course offers the student the opportunity to develop and improve the
fundamental skills involved in football, such as passing, receiving, kicking,
blocking (with the aid of blocking dummies), team play and strategy. Rules
and class competition will also be included. This class may be repeated
three times.

ATHL-01D INTERCOLLEGIATE WATER POLO
3 units: 10 hours lab.
Limitation on enrollment: This is a varsity team sport requiring coach’s
or academic athletic advisor’s approval.
This is a course teaching theory, practice and game performance of the
sport of water polo.

ATHL-01E INTERCOLLEGIATE VOLLEYBALL
3 units: 10 hours lab.
Limitation on enrollment: This is a varsity team sport requiring coach’s
or academic athletic advisor’s approval.
This course teaches theory, practice and game performance of the
sport of volleyball. This course may be repeated three times. (5/10)

ATHL-02A OFF-SEASON CONDITIONING FOR BASEBALL
(CSU breadth area E)
1-3 units: 3-9 hours lab.
Limitation on enrollment: This is a varsity team off-season conditioning
course that requires coach’s or academic athletic advisor’s signature.
This course is designed to optimize sports performance and reduce risk of
injury for the off-season intercollegiate athlete in the sport of baseball.

ATHL-02B OFF-SEASON CONDITIONING FOR SOFTBALL
(CSU breadth area E)
1-3 units: 3-9 hours lab.
Limitation on enrollment: This is a varsity team off-season conditioning
course that requires coach’s or academic athletic advisor’s signature.
This course is designed to optimize sports performance and reduce risk of
injury for the off-season intercollegiate athlete in the sport of softball.

ATHL-03 ATHLETIC CONDITIONING
.5-2 units: 1.5-6 hours lab.
Limitation on enrollment: This is varsity athletic team conditioning
course that requires coach’s or academic athletic advisor’s signature.
Advisory: Good general health; absence of medical conditions that
would prevent planned physical activity.
This class is designed to prepare athletes for athletic competition. Different
training techniques will be used including: functional training, core training,
plyometrics, and strength training.

ATHL-04 ADVANCED BASEBALL
.5-1 units: 1.5-3 hours lab.
Limitation on enrollment: This is a varsity team off-season conditioning
course that requires coach’s or academic athletic advisor’s signature.
This course offers the more advanced student the opportunity to develop and
improve fundamental skills involved in baseball, such as, ball handling,
shooting, defensive and offensive tactics, and physical endurance. It also covers
team strategy and play.

ATHL-05 ADVANCED WATER POLO
1-3 units: 3-9 hours lab.
Limitation on enrollment: This is a varsity team off-season conditioning
course that requires coach’s or academic athletic advisor’s signature.
This course offers the more advanced student the opportunity to develop and
improve fundamental skills involved in water polo.

ATHL-06 ADVANCED VOLLEYBALL
1-3 units: 3-9 hours lab.
Limitation on enrollment: This is a varsity team off-season conditioning
course that requires coach’s or academic athletic advisor’s signature.
This course offers the more advanced student the opportunity to develop and
improve fundamental skills involved in volleyball.

ATHL-07A THEORY AND ANALYSIS OF BASEBALL
1 unit: 1 hour lecture.
Advisory: ENGL-85.
This course presents the fundamental knowledge of baseball through
lecture and discussions. This course is recommended for varsity baseball
players.

ATHL-07B THEORY AND ANALYSIS OF SOFTBALL
1 unit: 1 hour lecture.
Advisory: ENGL-85.
This course presents the fundamental knowledge of softball through
lecture and discussions. This course is recommended for varsity softball
players.
AUTOMOTIVE TECHNOLOGY (AUTO)

AUTO-04 AUTOMOTIVE MECHANICS
3 units: 3 hours lecture.
Advisories: ENGL-85; MATH-80 or MATH-85.
This class is designed for students without prior experience in automotive mechanics.

MERCED
6002 WC M 05:30p-08:20p Staff IT-4A
6005 WC W 05:30p-08:20p Staff IT-4A
9033 WC MTWTh 08:00a-09:15a Gregory A IT-4A
LC Section 9033 is held from 08/15/16 to 10/13/16.

AUTO-32 WHEEL ALIGNMENT AND SUSPENSION
4 units: 3 hours lecture, 3 hours lab.
Advisories: AUTO-04, AUTO-63; ENGL-85; MATH-80, MATH-85.
This course is designed to provide the technical knowledge and experience required for aligning and servicing suspension systems on modern automobiles.

MERCED
9137 WC MTWTh 01:30p-04:20p Weepers M IT-4A
LC Section 9137 is held from 08/15/16 to 10/13/16.
9427 WC MTWTh 01:30p-04:20p Weepers M IT-4A
Section 9427 is held from 08/15/16 to 10/13/16.

AUTO-33 AUTOMOTIVE BRAKE SYSTEMS
4 units: 3 hours lecture, 3 hours lab.
Advisories: AUTO-04, AUTO-63; ENGL-85; MATH-80 or MATH-85.
This course is designed for students without prior experience in automotive brake repair. The course will cover theory, service and repair of conventional, Antilock Brake Systems (ABS) and related brake systems.

MERCED
9136 WC MTWTh 08:00a-11:50a Weepers M IT-4B
LC Section 9136 is held from 10/17/16 to 12/01/16.
Section 9136 requires a $10 lab manual.
9426 WC MTWTh 08:00a-11:50a Weepers M IT-4B
Section 9426 is held from 10/17/16 to 12/01/16.
Section 9426 requires a $10 lab manual.

AUTO-41 AUTOMOTIVE ENGINES
4 units: 2 hours lecture, 6 hours lab.
One-way corequisite: AUTO-04. Advisories: ENGL-85; MATH-80 or MATH-85.
This is a class in the principles and theory of engine repair and rebuilding including the disassembly and assembly of engines. There will be emphasis on inspection, measuring, and comparing worn and rebuilt parts.

MERCED
9120 WC MTWTh 08:00a-12:20p Gregory A IT-4A
Section 9120 is held from 10/17/16 to 12/08/16.

AUTO-42 AUTOMOTIVE ELECTRICAL SYSTEMS
4 units: 3 hours lecture, 3 hours lab.
Prerequisite: AUTO-04. Advisories: AUTO-04; ENGL-85; MATH-80 or MATH-85.
This course covers automotive electrical systems and includes a review of electron theory, magnetism, and semiconductors.

MERCED
9134 WC MTWTh 01:00p-04:50p Gregory A IT-4B
LC Section 9134 is held from 10/17/16 to 12/01/16.
Section 9134 requires a $10 lab manual.
9425 WC MTWTh 01:00p-04:50p Gregory A IT-4B
Section 9425 is held from 10/17/16 to 12/01/16.
Section 9425 requires a $10 lab manual.

AUTO-44 AUTOMOTIVE AIR CONDITIONING, HEATING SYSTEM, COOLING SYSTEM
4 units: 3 hours lecture, 3 hours lab.
Advisories: AUTO-04; ENGL-85; MATH-80, MATH-85.
This is a basic course in the principles of operation of automotive air conditioning, heating system, and cooling system.

MERCED
9049 WC MTWTh 09:30a-12:10p Gregory A IT-4A
Section 9049 is held from 08/15/16 to 10/13/16.

AUTO-48B SPECIAL PROBLEMS IN ENGINE PERFORMANCE
2 units: 6 hours lab.
Prerequisite: AUTO-47. Advisories: ENGL-85.
This course is designed to permit the student to gain additional hands on experience in areas covered in the objectives of AUTO-47.

MERCED
9138 WC MTWTh 01:00p-04:50p Weepers M IT-4A
Section 9138 is held from 10/17/16 to 12/01/16.

AUTO-48F SPECIAL PROBLEMS IN AUTO BODY REPAIR AND PAINTING
1.5-2.0 units: 4.5-6 hours lab.
Prerequisite: AUTO-50. Advisories: WELD/MECH-06, ENGL-85; MATH-80 or MATH-85.
The course will provide the student additional time to develop and complete techniques, concepts and skills learned in AUTO 50 (Auto Body Repair and Painting).

MERCED
6424 WC MW 05:30p-08:20p Hiser R AG-11

AUTO-50 AUTO BODY REPAIR AND PAINTING
4 units: 2 hours lecture, 6 hours lab.
Advisories: ENGL-85; MATH-80 or MATH-85; WELD-06/MECH-06.
This course is an introduction to auto body repair and painting. Methods of metal repair will include shrinking, stretching, contouring, and plastic filling.

MERCED
6008 WC TTh 05:30p-09:20p Hiser R AG-11

AUTO-63 BASIC AUTOMOTIVE ELECTRONICS FOR TECHNICIANS
4 units: 3 hours lecture, 3 hours lab.
Advisories: MATH-80 or MATH-85; ENGL-85.
This course is designed to provide the automotive students with a strong background in basic electrical concepts.

MERCED
6078 WC TTh 05:30p-08:20p Maxwell G IT-4B
Section 6078 requires a $10 lab manual.
9135 WC MTWTh 09:30a-12:20p Weepers M IT-4B
LC Section 9135 is held from 08/15/16 to 10/13/16.
Section 9135 requires a $10 lab manual.

AUTO-66 AUTOMOTIVE PARTS AND SERVICE ADVISING
3 units: 2.5 hours lecture, 1.5 hours lab.
Advisories: ENGL-85; MATH-80 or MATH-85.
This course will cover the duties and responsibilities of automotive parts and service advisors working at independent and dealership-based stores.

MERCED
6021 WC T 05:30p-09:20p Woodall D IT-4A
Biology (BIOL)

**BIOL-01 GENERAL BIOLOGY FOR NON-MAJORS**  
(CSU breadth area B2/B3) (IGETC area 5B/5C)  
4 units: 3 hours lecture, 3 hours lab.  
Limitation on enrollment: This course is not open to students having a C or better in BIOL-04A. Prerequisite: ENGL-85.  
This is an introductory-level course designed for non-majors. Areas stressed include the origin of life, structure and function of cells, basic processes of life, reproduction, ecology, microbiology, evolution, classification, genetics, and metabolic processes.

### MERCED

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<td>MWF</td>
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<td>Macias M</td>
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### LOS BANOS

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<th>Instructor</th>
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<td>4131 WC</td>
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<td>Schroeder K</td>
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<td>02:00p-04:50p</td>
<td>Schroeder K</td>
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</table>

Biology (BIOL)

**BIOL-02 HUMAN BIOLOGY**  
(CSU breadth area B2/B3) (IGETC area 5B/5C)  
4 units: 3 hours lecture, 3 hours lab.  
Limitation on enrollment: This course is not open to students having a C or better in BIOL-04A. Prerequisite: ENGL-85.  
This course is an introduction to the principles of biology with an emphasis on humans.

<table>
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<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>1258 $ SI</td>
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<td>Bergman R</td>
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<td>SCI-202</td>
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<td>Th</td>
<td>07:00p-09:50p</td>
<td>Bergman R</td>
<td>SCI-115</td>
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</tbody>
</table>

**BIOL-04A FUNDAMENTALS OF BIOLOGY: THE CELL AND EVOLUTION**  
(CSU breadth area B2/B3) (IGETC area 5B/5C)  
4 units: 3 hours lecture, 3 hours lab.  
Prerequisites: CHEM-04A; MATH-C. Advisories: BIOL-01 or BIOL-02; ENGL-85.  
This course is a study of the principles of biology. Areas of study will include aspects of the philosophy of science, the chemistry of life, the cell and cellular organization, biological membranes, energy transfer including photosynthesis and cellular metabolism, mitosis/meiosis, and molecular biology.

### MERCED

<table>
<thead>
<tr>
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<td>SCI-113</td>
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</table>

**BIOL-04B DIVERSITY OF LIFE: MORPHOLOGY AND PHYSIOLOGY**  
(CSU breadth area B2/B3) (IGETC area 5B/5C)  
5 units: 3 hours lecture, 6 hours lab.  
Prerequisite: BIOL-04A.  
This course is the second semester of a two-semester sequence of general biology for biology majors.

### MERCED

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<td>1399 $</td>
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<tr>
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<td>&amp; TTh</td>
<td>08:00a-10:50a</td>
<td>Estrella C</td>
<td>SCI-113</td>
</tr>
</tbody>
</table>

Section 1399 includes two required field trips. Transportation will be provided. Should you choose to drive yourself, parking and entrance fees may apply up to $20.00. Meals on field trips are the student's responsibility.

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LC - Learning Community class. See page 57 for details.
$ - Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.
Si - Supplemental Instruction class. See page 83 for details.
Online/Hybrid Classes. See page 64 for details.
WC - Web Component which will require you to have internet access.
### FALL 2016 CLASSES

**BIOL-06 ENVIRONMENTAL SCIENCE**
(CSU breadth area B2) (IGETC area 5B)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This introductory course examines Earth as an ecosystem composed of biological, chemical, and physical processes with emphasis on man's impact on the planet.

**ONLINE/HYBRID**

<table>
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</thead>
<tbody>
<tr>
<td>2590</td>
<td><a href="mailto:latham.r@mccd.edu">latham.r@mccd.edu</a></td>
<td>ONLINE</td>
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<td>2590</td>
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**MERCED**

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<td>6319</td>
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**DELHI**

<table>
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<tr>
<td>7721</td>
<td>M 06:00p-08:50p</td>
<td>Menke B</td>
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</tbody>
</table>

Section 7721 is held at Delhi High School; Build K, Room 1; 16881 West Schendel Avenue; Delhi.

**BIOL-09 INTRODUCTION TO GENETICS**
(CSU breadth area B2)
3 units: 3 hours lecture.
Prerequisite: BIOL-01 or BIOL-02 or BIOL-04A. Advisory: ENGL-85.
This course is an introductory study of genetic principles, inheritance, variation, and evolution in plants and animals.

**MERCED**

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**BIOL-16 GENERAL HUMAN ANATOMY**
(C-ID BIOL 110B) (CSU breadth area B2/B3) (IGETC area 5B/5C)
4 units: 2 hours lecture, 6 hours lab.
Prerequisite: BIOL-01 or BIOL-02 or BIOL-04A; ENGL-85.
This course is an intensive study of the structure of the human body.

**MERCED**

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**LOS BANOS**

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**BIOL-18 PRINCIPLES OF PHYSIOLOGY**
(CSU breadth area B2/B3) (IGETC area 5B/5C)
4 units: 3 hours lecture, 3 hours lab.
Prerequisites: BIOL-01 or BIOL-02 or BIOL-04A or BIOL-16; CHEM-02A; ENGL-85;
This course is a general lecture and laboratory course in human physiology, including a study of blood and circulation, respiration, muscle activity, endocrine glands, digestion, excretion, and the functions and activities of the brain, nerves, and sense organs.

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**BIOL-20 MICROBIOLOGY**
(CSU breadth area B2/B3) (IGETC area 5B/5C)
4 units: 2 hours lecture, 6 hours lab.
Prerequisite: BIOL-01 or BIOL-02 or BIOL-04A; CHEM-02A; ENGL-85.
This is an introductory course familiarizing students with basic laboratory techniques and fundamental topics of microbiology.

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**BIOL-32 INTRODUCTION TO BIOTECHNOLOGY**
(CSU breadth area B2/B3) [CILC areas C,F]
4 units: 4 hours lecture.
Advisories: ENGL-01A; MATH-81.
This is an introductory course in the theory and principles of biotechnology and how the field applies to meeting the needs of today’s world.

**MERCED**

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</table>

**BIOL-32L INTRODUCTION TO BIOTECHNOLOGY LAB**
2 units: 6 hours lab.
This lab is the required partner to BIOL-32 for students pursuing the Biotechnology A.S. or certificate degrees.

**MERCED**

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<td>Albano V</td>
<td>SCI-115</td>
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</tbody>
</table>
Biol-50 Survey of Anatomy and Physiology
3 units: 3 hours lecture.
Prerequisite: ENGL-85.
This is a course in basic anatomy and physiology of the human body. It is designed as an elementary course for students with limited background in science or biology.

Merced
1545 TTh 09:30a-10:45a Keller S VOC-112
6288 Th 07:00p-09:50p Fragaas G SCI-110

Business (Bus)

Bus-10 Introduction to Business
3 units: 3 hours lecture.
Advisory: CPSC-30; ENGL-85.
This survey course is an overview of all aspects involved in business. It covers economic foundations; types of business organizations; marketing; money and banking; and finance.

Online/Hybrid

2521 $ ONLINE Haugen A
Comments: Students must log into the course or contact the instructor at haugen.a@mccd.edu within the first four days of the semester to avoid being dropped.
Orientation: Required for first-time ONLINE students enrolled in this class. Monday, August 15, 2016; 11:00a-12:30p; COM-02. Orientation not required for students already familiar with Blackboard and Connect.

Merced
1050 $ MW 09:30a-10:45a Pistoresi J VOC-37
1178 $ TTh 09:30a-10:45a Haugen A VOC-37
6121 $ Th 05:30p-08:20p Verrinder J VOC-37

Los Banos
8171 M 07:00p-09:50p Staff LB-B-107

Bus-18a Business Law
(C-ID BUS 125)
4 units: 4 hours lecture.
Prerequisite: BUS-10; ENGL-85.
This course is a study of legal principles that govern the conduct of business. Included are surveys of the essential elements of legal history and jurisprudence; judicial, administrative, and alternative dispute resolution.

Merced
1072 $ TTh 10:00a-11:50a Staff VOC-38
1180 $ MW 02:00p-03:50p Staff AHC-128
6122 $ M 05:30p-09:20p Staff VOC-37

Bus-35 Money Management
3 units: 3 hours lecture.
Advisories: ENGL-85; MATH-80.
This course offers instruction in basic financial, career and life planning. Areas of study include income distribution; occupational earnings; wise buying; credit and borrowing; insurance; housing; savings and investments; taxes; and retirement and planning.

2542 $ ONLINE Haugen A
Comments: Students must log into the course or contact the instructor at haugen.a@mccd.edu within the first four days of the semester to avoid being dropped.
Orientation/Inclass Session: Mandatory attendance; Monday, August 15, 2016; 05:30p-08:20p; COM-02.

Merced
1908 $ TTh 11:00a-12:15p Haugen A VOC-37
6125 $ M 05:30p-08:20p Thompson S AHC-130

Delhi
7737 T 06:00p-08:50p Staff DELH-H1
Section 7737 is held at Delhi High School; Build H, Room 1; 16881 West Schendel Avenue, Delhi.

Bus-56a Ceo Leadership-a
3 units: 3 hours lecture.
Advisory: BUS-10; MGMT-37.
This course is a hands-on class designed to increase students' skills in business leadership and management through real-life examples and experiential activities.

1924 TTh 12:30p-01:45p Haugen A VOC-37
Section 1924 will require outside/off-campus group activities.

Chemistry (Chem)

Chem-02a Introductory Chemistry
(CSU breadth area B1/B3) (IGETC area 5A/5C)
4 units: 3 hours lecture. 3 hours lab.
Prerequisite: MATH-C. Advisories: ENGL-85.
This is an introduction to the general principles of inorganic chemistry, atomic and molecular structure, states of matter, solutions, and radioactivity. The class is designed for students majoring in liberal studies; nursing or agriculture.

Merced
1028 $ MWF 08:00a-08:50a Tenn B SCI-110
W 11:00a-11:50a Tenn B SCI-109
1099 $ MWF 08:00a-08:50a Tenn B SCI-110
T 08:00a-09:00a Beuerman SCI-110
1157 $ MWF 08:00a-08:50a Tenn B SCI-110
Th 08:00a-09:00a Staff SCI-109
1188 $ MWF 09:00a-09:50a Tenn B SCI-110
M 11:00a-11:50a Tenn B SCI-109
1215 $ MWF 09:00a-09:50a Tenn B SCI-110
M 02:00p-03:00p Tenn B SCI-109
1580 $ MWF 09:00a-09:50a Tenn B SCI-110
Th 02:00p-04:00p Issavi H SCI-109
1581 $ MWF 12:00p-12:50p Lair D SCI-110
T 02:00p-03:00p Lair D SCI-109
1582 $ MWF 12:00p-12:50p Lair D SCI-110
W 08:00a-09:00a Staff SCI-109
1583 $ MWF 12:00p-12:50p Lair D SCI-110
W 02:00p-04:00p Tenn B SCI-109
1584 $ Th 09:30a-10:45a Issavi H SCI-110
T 11:00a-11:50a Issavi H SCI-109
1587 $ TTh 09:30a-10:45a Issavi H SCI-110
Th 11:00a-11:50a Issavi H SCI-109
6145 $ MW 05:30p-06:45p Burgess L SCI-110
M 07:00p-08:50p Burgess L SCI-109
6146 $ MW 05:30p-06:45p Burgess L SCI-110
W 07:00p-08:50p Burgess L SCI-109
6297 $ TTh 05:30p-06:45p Giagou T SCI-110
T 07:00p-09:00p Giagou T SCI-109
6298 $ TTh 05:30p-06:45p Giagou T SCI-110
Th 07:00p-09:00p Giagou T SCI-109

Los Banos
8191 $ W 02:00p-04:50p Sigismond D LB-B-105
M 05:30p-08:20p Sigismond D LB-B-106
8193 $ W 05:30p-08:20p Sigismond D LB-B-106
CHEM-02B  INTRODUCTORY CHEMISTRY: INTRODUCTION TO ORGANIC AND BIOCHEMISTRY
(CSU breadth area B1/B3) (IGETC area 5A/5C)  (C-ID CHEM 120S)
5 units: 3 hours lecture, 6 hours lab.
Prerequisite: CHEM-02A; MATH-C. Advisory: ENGL-85; LRNR-30.
This is a continuation of CHEM-02A with emphasis on organic and biochemistry.

ONLINE/HYBRID
2571 $ M 11:00a-10:50a Weathers A SCI-107
CONTACT: april.weathers@mccd.edu
IN-CLASS SESSIONS: Lab; Mondays; 11:00a-10:50p; SCI-107.
COMMENTS: 3 Lecture hours per week will be held ONLINE.
2573 $ W 02:00p-04:50p Weathers A SCI-107
CONTACT: april.weathers@mccd.edu
IN-CLASS SESSIONS: Lab; Wednesdays; 02:00p-04:50p; SCI-107.
COMMENTS: 3 Lecture hours per week will be held ONLINE.

CHEM-04A  GENERAL CHEMISTRY I
(CSU breadth area B1/B3) (IGETC area 5A/5C)  (C-ID CHEM 120S)
5 units: 3 hours lecture, 6 hours lab.
Prerequisites: CHEM-02A; MATH-C. Advisory: ENGL-85.
This course is designed to teach general principles of chemistry emphasizing nomenclature, chemical equations, stoichiometry, concentration, gas laws, atomic structure, bonding, intermolecular forces, and crystalline solids.

MERCED
1572 $ SI MWF 10:00a-10:50a Weathers A SCI-208
WF 11:00a-01:50p Weathers A SCI-107
1573 $ SI MWF 10:00a-10:50a Weathers A SCI-208
TTh 02:00p-04:50p Weathers A SCI-107
1576 $ MWF 11:00a-11:50a Wilson K SCI-110
TTh 11:00a-01:50p Wilson K SCI-107
1577 $ MWF 11:00a-11:50a Wilson K SCI-110
WF 08:00a-10:50a Wilson K SCI-107
1579 $ MWF 11:00a-11:50a Wilson K SCI-110
TTh 08:00a-10:50a Wilson K SCI-107

LOS BANOS
4197 $ TTh 12:30p-01:45p Sigismond D LB-A-105
TTh 02:00p-04:50p Sigismond D LB-B-105

CHEM-04B  GENERAL CHEMISTRY II
(CSU breadth areas B1/B3) (IGETC area 5A/5C)  (C-ID 120S)
5 units: 3 hours lecture, 6 hours lab.
Prerequisite: CHEM-04A. Advisory: ENGL-85.
This is a continuation of the general principles of chemistry, with emphasis on kinetics, chemical equilibria, thermodynamics, electrochemistry, nuclear chemistry and transition metal complexes.

MERCED
1578 $ MWF 10:00a-10:50a Dawson D SCI-110
TTh 08:00a-10:50a Dawson D SCI-104
1598 $ MWF 10:00a-10:50a Dawson D SCI-110
MW 11:00a-10:50p Dawson D SCI-104
1599 $ MWF 10:00a-10:50a Dawson D SCI-110
MW 02:00p-04:50p Dawson D SCI-104

CHEM-12A  ORGANIC CHEMISTRY I
(C-ID CHEM 150)
5 units: 3 hours lecture, 6 hours lab.
Prerequisite: CHEM-04B. Advisory: ENGL-85.
This course is a study of the theory and practice of organic chemistry examining bonding, structure, stereochemistry, nomenclature, properties, and reactions of the hydrocarbons and organic halides.

MERCED
1561 $ MW 02:00p-03:15p Fregene P SCI-110
TTh 05:30p-08:20p Fregene P SCI-104
1812 $ MW 02:00p-03:15p Fregene P SCI-110
TTh 02:00p-04:50p Fregene P SCI-104
1840 $ MW 02:00p-03:15p Fregene P SCI-110
TTh 11:00a-01:50p Fregene P SCI-104

CHILD DEVELOPMENT (CLDV)

CLDV-01  CHILD GROWTH AND DEVELOPMENT
(C-ID CDEV 100) (CSU breadth area D/E) (IGETC area 4)
3 units: 3 hours lecture.
Prerequisite: ENGL-85.
This introductory course examines the major physical, psychosocial, and cognitive/language developmental milestones for children, both typical and atypical, from conception through adolescence.

ONLINE/HYBRID
2529 ONLINE Roduner S
CONTACT: For course-specific questions contact roduner.s@mccd.edu.

MERCED
1207 MWF 10:00a-10:50a Staff VOC-138
6075 WC Th 05:30p-08:20p Staff VOC-139

LOS BANOS
8221 WC T 05:30p-08:20p Oks O LB-B-111

CLDV-02  CHILD, FAMILY AND COMMUNITY
(C-ID CDEV 110) (CSU breadth area D/E) (IGETC area 4)
3 units: 3 hours lecture.
Prerequisite: ENGL-85.
This course studies the importance of the socialization of children and how society supports and empowers families.

ONLINE/HYBRID
2528 ONLINE Roduner S
CONTACT: For course-specific questions contact roduner.s@mccd.edu.

MERCED
1141 WC MW 02:00p-03:15p Roduner S VOC-138
1142 WC TTh 09:30a-10:45a Roduner S VOC-138

CLDV-03  PRINCIPLES AND PRACTICES OF TEACHING YOUNG CHILDREN
(C-ID ECE 120)
3 units: 3 hours lecture.
One-way corequisite: CLDV-01.
An examination of the underlying theoretical principles of developmentally appropriate practices applied to programs, environments, emphasizing the key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, creative and intellectual development for all young children.

ONLINE/HYBRID
2568 ONLINE Marquez-Ramirez M
CONTACT: For course-specific questions contact martina.marquez@mccd.edu.

MERCED
6067 WC T 05:30p-08:20p Garza M VOC-138
CLDV-04 Observation and Assessment  
(C-ID ECE 200)  
3 units: 2 hours lecture, 3 hours lab.  
Limitation on enrollment: students must have a negative result on a TB test within the past 4 years. Prerequisite: CLDV-01. One-way corequisite: CLDV-03. Advisory: ENGL-01A.  
This course focuses on the appropriate use of a variety of assessment and observation strategies to document child development and behavior. Child observations will be conducted and analyzed.  

MERCED  
6030 WC  
M 05:30p-07:20p  
Cruthird A  
CDCM-16  
Section 6030 will also meet for 3 hours of lab time by arrangement.  
6206 WC  
M 05:30p-07:20p  
Brace K  
VOC-138  
Section 6026 will also meet for 3 hours of lab time by arrangement.  

CLDV-05 Health, Safety and Nutrition  
(C-ID ECE 220)  
3 units: 3 hours lecture.  
Advisory: ENGL-01A.  
This course is an introduction to laws, regulations, standards, policies and procedures as related to early childhood curriculum.  

ONLINE/HYBRID  
2570 ONLINE  
Penney B  
CONTACT: For course-specific questions contact penney.b@mccd.edu.  

MERCED  
1464 WC  
TTh 12:30p-01:45p  
Staff  
VOC-138  
LOS BANOS  
8231  
Th 05:30p-08:20p  
Staff  
LB-B-111  

CLDV-06 Teaching in a Diverse Society  
(C-ID ECE 230)  
3 units: 3 hours lecture.  
Advisory: ENGL-01A.  
This course examines societal and personal attitudes, beliefs, values, assumptions and biases about culture, language, identity, family structures, ability, and socioeconomic status.  

ONLINE/HYBRID  
2540 ONLINE  
Staff  
CONTACT: For course-specific questions contact the professor of the class. For technology problems contact help desk at www.mccd.edu/myhelp/ or (209) 381-6565.  

MERCED  
1150 WC  
TTh 11:00a-12:15p  
Roduner S  
VOC-138  

CLDV-07 Introduction to Curriculum for the Young Child  
(C-ID ECE 130)  
3 units: 3 hours lecture.  
One-way corequisite: CLDV-03. Advisory: ENGL-01A.  
This course presents an overview of knowledge and skills related to providing appropriate curriculum and environments for young children.  

MERCED  
1377 WC  
Th 12:30p-03:20p  
Brace K  
CDCM-16  
1864 WC  
W 09:00a-11:50a  
Heft A  
CDCM-16  

CLDV-07L Practicum  
(C-ID ECE 210)  
3 units: 1 hour lecture, 6 hours lab.  
Limitation on enrollment: Students must have a negative result on a TB test within the past four years. Prerequisite: CLDV-01; CLDV-02; CLDV-03; CLDV-07.  
In this course the student will practice and demonstrate developmentally appropriate early childhood program planning and teaching competencies under the supervision of ECE/CD faculty and other qualified early education professionals.  

MERCED  
1600 WC  
TTh 09:00a-12:20p  
Brace K  
CDCM-16  
6208 WC  
Th 05:30p-08:20p  
Heft A  
CDCM-16  
Section 6208 meets on August 18, September 15, October 20, November 17 and December 15, 2016; 05:30-08:20p; CDCM-16.  
Section 6208 requires six hours per week of lab.  

CLDV-09 Human Development (Also: PSYC-09)  
(CSU breadth area E)  
3 units: 3 hours lecture.  
Advisory: ENGL-85.  
This course is an introduction to the scientific study of human development from conception through death.  

ONLINE/HYBRID  
2502 ONLINE  
Williamson L  
CONTACT: For course-specific questions contact linda.williamson@mccd.edu.  
2506 ONLINE  
Clifford J  
CONTACT: For course-specific questions contact clifford.j@mccd.edu.  
2508 ONLINE  
Marquez-Ramirez M  
CONTACT: For course-specific questions contact maritina.marquez@mccd.edu.  

MERCED  
1359 WC  
MW 12:30p-01:45p  
Williamson L  
VOC-138  
1232 WC  
TTh 02:00p-03:15p  
Williamson L  
VOC-138  
LOS BANOS  
8293  
MW 05:30p-06:45p  
Coahran S  
LB-A-103  

CLDV-30C Infant/Toddler Curriculum  
2 units: 2 hours lecture.  
Advisories: CLDV-35; ENGL-85.  
This course is designed to help students guide children’s learning by providing developmentally appropriate environment for infants and toddlers that invites play and active exploration.  

MERCED  
1669 WC  
T 01:00p-02:50p  
Marquez-Ramirez M  
CDCM-16  

CLDV-34A Administration and Supervision of ECE Programs: Part A  
3 units: 3 hours lecture.  
Advisory: ENGL-01A.  
This class is designed to introduce students to the basic skills necessary to become administrators in child development centers.  

MERCED  
6357 WC  
T 05:30p-08:20p  
Cruthird A  
VOC-110  

CLDV-35 Infant and Toddler Development  
2 units: 2 hours lecture.  
Advisory: ENGL-85.  
This course is the study of the development of children from birth to age three. This will include growth and development, health and nutrition needs, social and emotional needs, and cognitive and language development.  

MERCED  
6105 WC  
W 05:30p-07:20p  
Marquez-Ramirez M  
CDCM-16
FALL 2016 CLASSES

COMMUNICATION STUDIES (COMM)

COMM-01 FUNDAMENTALS OF SPEECH
(C-ID COMM 110) (CSU breadth area A1)
(IGETC area 1C - CSU only)
3 units: 3 hours lecture.
Prerequisite: ENGL-85.
This course is designed to instruct students in the fundamentals of composing, preparing and presenting speeches in front of audiences. The focus will be on researched speeches to inform and persuade.

COMM-01H HONORS FUNDAMENTALS OF SPEECH
(C-ID COMM 110) (CSU breadth area A1)
(IGETC area 1C - CSU only)
3 units: 3 hours lecture.
Limitation on enrollment: Enrollment in the Honors Program. See the college catalog for a description of admission requirements. Prerequisite: ENGL-85.
This course is designed to instruct students in the fundamentals of composing, preparing and presenting speeches in front of audiences.

COMM-04 SMALL GROUP DISCUSSION AND PROBLEM SOLVING
(C-ID COMM 140) (CSU breadth area A1) (IGETC area 1C - CSU only)
3 units: 3 hours lecture.
Prerequisite: ENGL-85.
This is a course designed to help students develop critical thinking and oral presentation skills for communicating and working together on small group tasks.

COMM-05 INTERPERSONAL COMMUNICATION
(C-ID COMM 130) (CSU breadth area A1)
3 units: 3 hours lecture.
The focus of this course is to examine successful verbal and nonverbal communication in interpersonal relationships.

OTHER CLASSES

SI—Supplemental Instruction class. See page 83 for details.
WC—Web Component which will require you to have internet access.

LC—Learning Community class. See page 57 for details.

$—Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

CLDV-35L INFANT AND TODDLER PRACTICUM
2 units: 6 hours lab.
Limitation on enrollment: Students must have a negative result on a TB test within the past four years. One-way corequisite: CLDV-35. This laboratory experience offers students the opportunity to work with infants and toddlers in programs in a supervised early childhood program with children from birth up to three years.

MERCED
6085 WC 6 hours lab per week Marquez-Ramirez M CDCM-16 Section 6085 requires 6 hours per week of Lab.
IN-CLASS SESSIONS: MANDATORY- August 16, 2016; 06:00p-07:30p; CDCM-16. Final – December 13, 2016; 06:00p-07:30p; CDCM-16.

CLDV-37 ADULT SUPERVISION AND MENTORING IN EARLY CARE AND EDUCATION
2 units: 2 hours lecture.
Advisory: ENGL-85.
This course is a study of the methods and principles of supervising student teachers, volunteers, staff, and other adults in early care and education settings.

ONLINE/HYBRID

2555 ONLINE ONLINE Heft A
CONTACT: For course-specific questions contact april.heft@mccd.edu.

CLDV-38 CHILDREN WITH SPECIAL NEEDS
3 units: 3 hours lecture.
Advisories: CLDV-01; ENGL-85.
This course provides teachers the knowledge and skills to work with children with special needs.

ONLINE/HYBRID

2559 ONLINE ONLINE Brace K
CONTACT: For course-specific questions, contact kirsty.brace@mccd.edu.

CLDV-56 SCHOOL-AGE DEVELOPMENT
2 units: 2 hours lecture.
Prerequisite: CLDV-03
This introductory course on school-age development covers an overview of school-age care; the school-age professional; school-age theory and development ages 5-13.

MERCED
1866 WC M 09:00a-10:50a Patton M CDCM-16

CLDV-56L SCHOOL-AGE DEVELOPMENT LAB
2 units: 6 hours lab.
Limitation on Enrollment: Students must have a negative result on a TB test within the past four years. One-way corequisite: CLDV-56. School-age programs will be studied for purposes of planning experiences which encourage physical, mental, social and emotional growth.

MERCED
1041 WC W 04:00p-06:50p Patton M IAC-120 Section 1041 includes 6 hrs by arrangement. IN-CLASS SESSIONS: MANDATORY- August 19, 2015; 04:00p-06:50p; IAC-120, December 9th, 2015; 04:00p-06:50p; IAC-120.

COMM-01  FUNDAMENTALS OF SPEECH
(C-ID COMM 110) (CSU breadth area A1)
(IGETC area 1C - CSU only)
3 units: 3 hours lecture.
Prerequisite: ENGL-85.
This course is designed to instruct students in the fundamentals of composing, preparing and presenting speeches in front of audiences. The focus will be on researched speeches to inform and persuade.

MERCED
1431 MWF 10:00a-10:50a Bonstein J IAC-109
1548 MWF 12:00p-12:50p Bonstein J IAC-145
1436 MW 12:30p-01:45p Young J IAC-121
1961 MW 03:30p-04:45p Bonstein J IAC-121
1432 TTh 11:00a-12:15p Bonstein J IAC-121
1980 TTh 12:30p-01:45p Young J IAC-121
6219 W 05:30p-08:20p Bonstein J IAC-121

LOS BANOS
4241 MW 11:00a-12:15p Rigby K LB-B-101
8241 T 05:30p-08:20p Rigby K LB-B-101

COMM-01H HONORS FUNDAMENTALS OF SPEECH
(C-ID COMM 110) (CSU breadth area A1)
(IGETC area 1C - CSU only)
3 units: 3 hours lecture.
Limitation on enrollment: Enrollment in the Honors Program. See the college catalog for a description of admission requirements. Prerequisite: ENGL-85.
This course is designed to instruct students in the fundamentals of composing, preparing and presenting speeches in front of audiences.

MERCED
1772 MWF 10:00a-10:50a Bonstein J IAC-109
COMM-01H is offered only in the Fall semester.

COMM-04 SMALL GROUP DISCUSSION AND PROBLEM SOLVING
(C-ID COMM 140) (CSU breadth area A1) (IGETC area 1C - CSU only)
3 units: 3 hours lecture.
Prerequisite: ENGL-85.
This is a course designed to help students develop critical thinking and oral presentation skills for communicating and working together on small group tasks.

MERCED
1425 TTh 11:00a-12:15p Hobbs L IAC-145
1434 MW 11:00a-12:15p Young J IAC-121
1552 TTh 02:00p-03:15p Young J IAC-121
1712 TTh 09:30a-10:45a Bonstein J IAC-121

LOS BANOS
4245 MW 02:00p-03:15p Rigby K LB-B-101

COMM-05 INTERPERSONAL COMMUNICATION
(C-ID COMM 130) (CSU breadth area A1)
3 units: 3 hours lecture.
The focus of this course is to examine successful verbal and nonverbal communication in interpersonal relationships.

MERCED
1069 LC TTh 12:30p-01:45p Hobbs L IAC-145
Section 1069 is a Learning Community with ENGL-01A-1382
1429 MWF 10:00a-10:50a Hobbs L IAC-121
1438 MWF 12:00p-12:50p Hobbs L IAC-109
1440 MW 02:00p-03:15p Young J IAC-121
1689 TTh 02:00p-03:15p Bubenchik J IAC-106
1917 TTh 03:30p-04:45p Bubenchik J IAC-106

LOS BANOS
4247 MW 09:30a-10:45a Rigby K LB-B-101
4249 TTh 02:00p-03:15p Rigby K LB-B-135
COMM-30 INTRODUCTION TO INTERCULTURAL COMMUNICATION
(C-ID COMM 150) (CSU breadth area D) (IGETC area 4) [CILC areas D]
3 units: 3 hours lecture.
Prerequisite: ENGL-85.
This course is designed to examine the basic concepts, principles, and their application to communication between persons from different minority, ethnic, and co-cultural backgrounds within the United States and in the international arena through the scope of interpersonal communication skills.

MERCED
1443 MWF 09:00a-09:50a Hobbs L IAC-121

COMPUTER SCIENCE (CPSC)

CPSC-01 INTRODUCTION TO COMPUTER INFORMATION SYSTEMS
(C-ID ITIS 120) [CILC areas A,B,C,D,E,F,G] 4 units: 3 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-C.
An introduction to the basics of computing systems, impact of computers on our society, and the future of computing.

ONLINE/HYBRID

CPSC-06 PROGRAMMING CONCEPTS AND METHODOLOGY I
(C-ID COMP 122) 3 units: 2 hours lecture, 3 hours lab.
Prerequisite: MATH C. Advisories: CPSC-01; ENGL-01A.
This course introduces the discipline of computer science using a high level language; provides an overview of computer organization and an introduction to software engineering.

ONLINE/HYBRID

CPSC-14 C++ PROGRAMMING (ALSO: ENGR-14)
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: MATH-C. Advisory: CPSC-01; ENGL-01A.
This is the entry-level comprehensive concepts course for computer science majors and recommended for science and math majors.

MERCED
1928 $ TTh 10:30a-12:45p Kanemoto K VOC-113

CPSC-30 COMPUTER APPLICATIONS (ALSO: AOM-30)
(C-ID areas A,B,C,D,E,F,G)
3 units: 2 hours lecture, 3 hours lab.
Advisories: AOM-50A or AOM-50B (keyboard at a minimum of 20 GWAM); READ-81, ENGL-84; MATH-80.
This course is intended for students seeking an introduction to application software used in the workplace with emphasis on business situations.

ONLINE/HYBRID

CPSC-39 PROGRAMMING CONCEPTS AND METHODOLOGY II
(C-ID COMP 132) 4 units: 3 hours lecture, 3 hours lab.
Prerequisite: CPSC-06 or ENGR-14 or CPSC-14. Advisory: ENGL-01A.
This course is a continuation course in Computer Science which introduces further aspects of software design and implementation.

ONLINE/HYBRID

FALL 2016 CLASSES

WWW.MCCD.EDU
### CRIMINAL JUSTICE (CRIM)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Units</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
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</thead>
</table>
| CRIM-01    | CRIMINOLOGY  
(CSU breadth area D) | 3 units: 3 hours lecture.  
Prerequisite: ENGL-85.  
This course is an analysis of the nature and patterning of criminality and theories of criminal behavior. | | | | |
| MERGED  | 1198  | TTh 02:00p-03:15p  
Noblett D  
VOC-141 | 1964  | MW 11:00a-12:15p  
Gregory B  
VOC-141 |
| CRIM-02    | INTRODUCTION TO CRIMINAL JUSTICE  
(C-ID AJ 110) | 3 units: 3 hours lecture.  
Prerequisite: ENGL-85.  
The course will emphasize the three major components of the system: court, corrections, and law enforcement, and will then examine the role of each. | | | | |
| MERGED  | 1166  | MW 09:30a-10:45a  
Noblett D  
VOC-141 | 6010  | W 05:30p-08:20p  
Norris S  
VOC-141 | 9146  | MTWTh 12:30p-01:45p  
Johnson M  
VOC-141 | Section 9146 is held from 08/15/16 to 10/14/16. | |
| LOS BANOS | 8273  | Th 05:30p-08:20p  
Staff  
LB-B-134 |
| CRIM-03    | CRIMINAL PROCEDURES  
(C-ID AJ 122) | 3 units: 3 hours lecture.  
Prerequisite: CRIM-02, ENGL-85.  
This course covers the examination of due process from pre-arrest through trial and appeal. | | | | |
| MERGED  | 1167  | TTh 11:00a-12:15p  
Gregory B  
VOC-141 |

### MERCED COLLEGE  
209.384.6000

### FALL 2016 CLASSES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
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<th>Days</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
</table>
| CPSC-42    | COMPUTER ARCHITECTURE AND ORGANIZATION  
(C-ID COMP 142)  
[CIIC areas A,B] | 3 units: 2 hours lecture, 3 hours lab.  
Prerequisites: CPSC-06 or ENGR-14 or CPSC-14.  
Advisories: ENGL-85.  
The organization and behavior of real computer systems at the assembly-language level. | | | | |
| MERGED  | 1737  | $ TTh 08:00a-10:15a  
Kanemoto K  
VOC-114 |
| COOPERATIVE EDUCATION (COOP)  
Merced Campus  
Students enroll in Cooperative Education by going to the Cooperative Education Office in the Lester Student Services Center. Call (209) 384-6068 for more information.  
Students enroll in Cooperative Education by meeting with a counselor in Student Services located in Building A. Call (209) 826-3495 or (209) 826-6432 for more information.  
COOP-41A COOPERATIVE EDUCATION IN (SUBJECT)  
1-4 units: 1-4 hours weekly.  
Advisory: ENGL-85.  
Cooperative work experience education is a process of education that combines work experience with regular college instruction as an integral part of the community college curriculum.  
See COOP-41A above. | | | | |
| CRIM-04    | CRIMINAL LAW  
(C-ID AJ 120) | 3 units: 3 hours lecture.  
Prerequisite: ENGL-85.  
One-way corequisite: CRIM-02.  
This course offers an analysis of the doctrines of criminal liability in the United States and the classification of crimes against persons, property, morals, and public welfare. | | | | |
| MERGED  | 1851  | TTh 03:30p-04:45p  
Noblett D  
VOC-141 | 9147  | MTWTh 12:30p-01:45p  
Johnson M  
VOC-141 | Section 9147 is held from 10/17/16 to 12/16/16. |
| CRIM-05    | COMMUNITY AND HUMAN RELATIONS  
(C-ID AJ 160) | 3 units: 3 hours lecture.  
Prerequisite: ENGL-85.  
One-way corequisite: CRIM-02.  
This course covers the relationship of criminal justice agents and the community; causal and symptomatic aspects of community understanding; lack of cooperation and mistrust; study of behavioral causes; and ways to develop and maintain amicable relationships within a diverse multicultural population. | | | | |
| MERGED  | 1174  | TTh 08:00a-09:15a  
Norris S  
VOC-141 |
| CRIM-06    | INTRODUCTION TO EVIDENCE  
(C-ID AJ 124) | 3 units: 3 hours lecture.  
Prerequisite: ENGL-85.  
One-way corequisite: CRIM-02.  
This course is a study of the origin, development, philosophy, and constitutional basis of evidence; constitutional and procedural considerations affecting arrest; search and seizure. | | | | |
| MERGED  | 1834  | MW 02:00p-03:15p  
Norris S  
VOC-141 |
| CRIM-08    | INTRODUCTION TO INVESTIGATION  
(C-ID AJ 140) | 3 units: 3 hours lecture.  
Advisory: ENGL-85.  
This course covers the fundamentals of investigation; techniques procedures, and ethical issues of investigation of crime. | | | | |
| MERGED  | 1921  | MW 12:30p-01:45p  
Noblett D  
VOC-39 |
| CRIM-10    | WRITING FOR CRIMINAL JUSTICE | 3 units: 3 hours lecture.  
Prerequisite: CRIM-02, CRIM-04.  
This course covers the techniques of communicating facts, information, and ideas effectively in a simple, clear, and logical manner in the various types of criminal justice system reports: letters, memoranda, directives, and administrative reports. | | | | |
| MERGED  | 1171  | TTh 03:30p-04:45p  
Gregory B  
VOC-39 |
| CRIM-11    | INTRODUCTION TO CORRECTIONS  
(C-ID AJ 200) | 3 units: 3 hours lecture.  
Advisory: ENGL-85.  
This course provides a critical analysis of punishment, the various types of punishment, alternatives to punishment, and the impact of punishment on the Criminal Justice System. | | | | |
| MERGED  | 6051  | M 05:30p-08:20p  
Johnson M  
VOC-141 |

**LC-** Learning Community class. See page 57 for details.  
**SI-** Supplemental Instruction class. See page 83 for details.  
**SC-** Online/Hybrid Classes. See page 64 for details.  
**WC-** Web Component which will require you to have internet access.  
**$-** Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.
CRIM-30  JUVENILE PROCEDURES  
(C-ID AJ 220)  
3 units: 3 hours lecture.  
Prerequisite: ENGL-85. One-way corequisite: CRIM-01 or CRIM-02 or CRIM-11.  
This course is an examination of the origin, development, and organization of the Juvenile Justice System as it evolved in the American Justice System.  
MERCED  
6058  TTh 05:30p-06:45p Johnson M VOC-39

CRIM-37  COMMUNICATION AND ETHICS IN LAW ENFORCEMENT  
3 units: 3 hours lecture.  
Advisories: ENGL-85; CRIM-02 or current employment as a law enforcement officer.  
This course covers the ethical issues created by the congruent and incongruent match of criminal justice philosophy and law enforcement practice.  
MERCED  
1856  MW 03:30p-04:45p Norris S VOC-141

CRIM-42C  RESERVE OFFICER MODULE LEVEL 3  
[CILC area D]  
7 units: 108 total hours lecture, 54 total hours lab.  
Limitation on enrollment: Students must be cleared by the California Department of Justice (DOJ) to participate. DOJ clearance is evaluated through the LiveScan fingerprint process. This clearance will reveal a qualifying/disqualifying criminal history background. In addition, there must be an absence of medical conditions that would prevent strenuous physical training during arrest and control methods training, use of force, and crimes in progress. A physician’s clearance indicating good physical health must be presented to the instructor at the first class meeting. Students must possess a California Driver’s License. Advisory: ENGL-85. This course meets the requirements of the State of California, Commission on Peace Officers Standards and Training (POST).  
MERCED  
9182  TTh 06:00p-09:50p Gregory B/Noblett D VOC-141 & SSU 08:00a-03:50p Gregory B/Noblett D VOC-141  
Section 9182 is held from 08/15/16 to 11/04/16.  
IN-CLASS SESSIONS: In addition to the TTh scheduled meets, this class will meet on Saturdays and Sundays September 04, 2016 to October 17, 2016, dates to be announced, 08:00a-03:50p to include a 60 minute lunch.  
Section 9182 requires a $105 fee for materials.

CRIM-51  PROBATION AND PAROLE  
3 units: 3 hours lecture.  
Advisories: CRIM-11 or CRIM-02; ENGL-85. This course encompasses the background structure and procedures of probation, parole, and the criminal court process.  
1838  MW 03:30p-04:45p Johnson M VOC-39

DRAFTING TECHNOLOGY (DRFT)  
DRFT-04A  FUNDAMENTALS OF COMPUTER-AIDED DRAFTING  
3 units: 2 hours lecture, 3 hours lab.  
Advisories: INDT-38I; MATH-80 or MATH-85; ENGL-84 or READ-81. This course uses AutoCAD. The student will progress through the fundamental and some intermediate commands.  
MERCED  
6020  WC M 05:10p-10:00p Post T VOC-40

DRFT-04B  INTRODUCTION TO 3D  
3 units: 2 hours lecture, 3 hours lab.  
Advisory: INDT-38I. This course is an introduction to direct 3D modeling. Students will gain an understanding of how 3D modeling works, and how it can be used with other applications.  
MERCED  
9141  WC MTWTh 08:00a-11:35a Thornburgh J  
LC Section 9141 is held from 08/15/16 to 09/22/16.

9405  WC MTWTh 08:00a-11:35a Thornburgh J  
Section 9405 is held from 08/15/16 to 09/22/16.

DRFT-04C  INTRODUCTION TO PARAMETRIC MODELING  
3 units: 2 hours lecture, 3 hours lab.  
Advisory: INDT-38I. This course uses Inventor. Students will use basic, and intermediate commands to create and modify solid models. The models will be used to create Small Assemblies (less than 10 parts), 2D drawings, and Renderings.  
MERCED  
9387  WC MTWTh 08:00a-11:30a Thornburgh J  
LC Section 9387 is held from 09/26/16 to 11/03/16.

9406  WC MTWTh 08:00a-11:30a Thornburgh J  
Section 9406 is held from 09/26/16 to 11/03/16.

DRFT-06  PRODUCTION METHODS  
3 units: 2 hours lecture, 3 hours lab.  
Prerequisite: DRFT-05 or DRFT-44 or DRFT-59. This course covers different production methods and materials. Students will learn how the production method influences the design of a product.  
MERCED  
9125  WC MTWTh 08:00a-11:35a Thornburgh J  
LC Section 9125 is held from 11/07/16 to 12/15/16.

9407  WC MTWTh 08:00a-11:35a Thornburgh J  
Section 9407 is held from 11/07/16 to 12/15/16.

DRFT-44  PRINT READING AND SKETCHING  
3 units: 2 hours lecture, 3 hours lab.  
Advisories: READ-81, ENGL-84; MATH-80 or MATH-85. This course is for technical students and other personnel who must be skilled in reading industrial prints.  
MERCED  
9119  WC MTWTh 01:00p-04:35p Russell C  
LC Section 9119 is held from 08/15/16 to 09/22/16.

9408  WC MTWTh 01:00p-04:35p Russell C  
Section 9408 is held from 08/15/16 to 09/22/16.

9386  WC MTWTh 12:30p-04:00p Thornburgh J  
LC Section 9386 is held from 09/26/16 to 11/03/16.

9409  WC MTWTh 12:30p-04:00p Thornburgh J  
Section 9409 is held from 09/26/16 to 11/03/16.

DRAMA (DRAM)  
DRAM-01  INTRODUCTION TO THEATER  
(C-ID THTR 111) (CSU breadth area C1/C2) (IGETC area 3B)  
3 units: 3 hours lecture.  
Advisory: ENGL-85. This course is an introduction to the art of theater that delves into the nature of theatrical presentation, elements of dramatic structure, and the contributions of the playwright, actor, director, designer, technician, and audience.  
DRAM-01 requires theater attendance at the student’s expense.  
MERCED  
1026  TTh 02:00p-03:15p Heidelbach C IAC-146

1886  MW 09:00a-10:15a Heidelbach C IAC-145

LOS BANOS  
4297  TTh 11:00a-12:15p Morriston J LB-B-107
FALL 2016 CLASSES

DRAM-02 REHEARSAL AND PERFORMANCE
(C-ID THTR 191)
2 units: 1 hour lecture, 3 hours lab.
Limitation on enrollment: Enrollment by audition or interview, instructor signature required. One-way corequisite: DRAM-02L.
Advisory: ENGL-85.
This course focuses on preparing students for the practical application of rehearsal techniques, play promotion, and production towards public performance using a different work or genre for each subsequent offering. Because a different work or genre is explored in each subsequent offering, the course may be repeated three times.

MERCEDES
9023 MTWTh 05:00p-09:30p Souza J THTR-STG
Section 9023 is held from 09/15/16 to 09/08/16.
Auditions will be held August 15, 2016; 05:00p-09:30p; THTR-STG. Registration NOT allowed after first night of class. Students registering from DRAM-02-9023 must also register for DRAM-02L-9024.
9388 TWTh 05:00p-09:30p Heidelbach C THTR-STG
Section 9388 is held from 9/27/16 to 10/27/16.
Auditions will be held September 27, 2016; 05:00p-09:30p; THTR-STG. Registration NOT allowed before first night of class. Students registering from DRAM-02-9388 must also register for DRAM-02L-9389.

DRAM-02L REHEARSAL AND PERFORMANCE LAB
(C-ID THTR 192)
1 unit: 54 hours lab by arrangement.
Limitation on enrollment: Enrollment by audition or interview, instructor signature required. Advisory: ENGL-85.
This course is the lab only portion of Rehearsal and Performance in which students put into practice learned technical skills in technical rehearsal and public performance of a college production.

DRAM-02L Auditions/Interviews will be held the first night of class during the required mandatory orientation. Registration NOT allowed before first night.

MERCEDES
9024 MTWTh 05:00p-09:30p Souza J THTR-STG
Section 9024 is held from 09/12/16 to 10/02/16.
MANDATORY ORIENTATION: September 12, 2016; 05:00p-09:30p; THTR-STG.
9389 MTWTh 05:00p-09:30p Heidelbach C THTR-STG
Section 9389 is held from 10/31/16 to 11/20/16.
MANDATORY ORIENTATION: October 31, 2016; 05:00p-09:30p; THTR-STG.

DRAM-13 ACTING II
(C-ID THTR 152)
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: DRAM-12. Advisory: ENGL-01A.
This course follows Acting I and continues the exploration of theories and techniques used in preparation for the interpretation of drama through acting.

MERCEDES
1027 MW 01:00p-03:15p Heidelbach C THTR-13

DRAM-14 ACTING III: ADVANCED SCENE STUDY
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: DRAM-13.
This course is a continuation of Acting II and offers the advanced student of acting additional material, and additional artistic challenges and opportunities to improve their acting flexibility.

MERCEDES
1048 MW 01:00p-03:15p Heidelbach C THTR-13

DRAM-15 STAGECRAFT
(C-ID THTR 171)
3 units: 2 hours lecture, 3 hours lab.
Advisory: ENGL-01A.
This course is a study of the physical aspects of stagecraft, including makeup, set construction, scenic artistry, lighting, clothing, and sound production.

MERCEDES
1604 TTh 01:00p-03:15p Sousa J THTR-13

ECONOMICS (ECON)

ECON-01 INTRODUCTION TO MICROECONOMICS
(CSU breadth area D) (IGETC area 4) (C-ID ECON 201)
3 units: 3 hours lecture.
Prerequisite: ENGL-85; MATH-81. Advisories: ENGL-01A.
ECON-01 is an introductory course in microeconomic theories including maximization, benefit versus cost, rational choice, the analysis of demand and supply, the role of price in free markets, consumer behavior, market structure, production cost, competitive business models, and resource pricing.

ONLINE/HYBRID
2524 ONLINE Carter J CONTACT: john.carter1767@mccd.edu
2539 ONLINE Carter J CONTACT: john.carter1767@mccd.edu

MERCEDES
1110 WC TTh 11:00a-12:15p Serpa C VOC-9
1684 WC MWF 12:00p-12:50p Serpa C VOC-8
1685 WC MWF 01:00p-01:50p Serpa C VOC-8

LOS BANOS
8311 WC MW 05:30p-06:45p McNally T LB-B-107

ECON-02 INTRODUCTION TO MACROECONOMICS
(CSU breadth area D) (IGETC area 4) (C-ID ECON 202)
3 units: 3 hours lecture.
Prerequisite: AGBS-11 or ECON-01; ENGL-85; MATH-81. Advisories: ENGL-01A.
ECON-02 is an introductory course in macroeconomic theories including the determination of income, output, employment, and prices in the economy; the monetary system; governmental fiscal, monetary, and income policies; economic growth; international trade; and economic development.

MERCEDES
1899 WC TTh 09:30a-10:45a Serpa C VOC-9
6334 WC M 07:00p-09:50p Serpa C VOC-8

ELECTRICITY -- ELECTRONICS (ELCT)

ELCT-30 EXPLORING THE WORLD OF ELECTRICITY AND ELECTRONICS
3 units: 3 hours lecture.
Prerequisite: AGBS-11 or ECON-01; ENGL-85; MATH-81. Advisories: ENGL-01A; MATH-81 or MATH-85.
This is an overview of electricity and electronics presented in the context of the principles of science.

MERCEDES
1859 WC TTh 02:30p-03:45p Hamilton A AG-10

ELCT-31 FOUNDATIONS OF ELECTRONICS - DC AND AC CIRCUITS
5 units: 3 hours lecture, 6 hours lab.
Advisories: ENGL-85, MATH-85.
This course is an introduction to the fundamentals of electricity and electronics including basic direct and alternating current circuits, passive components, measuring instruments, circuit testing and troubleshooting.

MERCEDES
9038 WC MTWTh 01:00p-05:05p Walls W VOC-42
Section 9038 is held from 08/15/16 to 10/20/16.
9410 WC MTWTh 01:00p-05:05p Walls W VOC-42
Section 9410 is held from 08/15/16 to 10/20/16.
ELCT-34  DIGITAL LOGIC, CIRCUITS, AND SYSTEMS  
(Foundations of Electronics)  
3 units: 2 hours lecture, 3 hours lab.  
Advisories: ELCT-30, ELCT-31; READ-81, ENGL-84; MATH-85.  
The aim of this course is to provide the student with an introduction to basic digital electronic devices (logic gates, flip-flops, seven-segment displays, counters, shift registers) and their applications in modern computing, mechatronics and automated systems.  

**MERCED**  
6012 WC W 05:10p-10:00p Coate D VOC-42  

ELCT-40A NETWORKING FOR HOME AND SMALL BUSINESSES  
(ALSO: CPSC-40A)  
[CILC areas A,C,E]  
3 units: 2 hours lecture, 3 hours lab.  
Advisories: ELCT-51A; ENGL-85; MATH-80 or MATH-85.  
This curriculum helps students develop the skills needed to obtain entry-level networking jobs.  

**MERCED**  
9039 WC MTWTh 08:00a-12:05p Walls W  
9411 WC MTWTh 08:00a-12:05p Walls W  
Section 9411 is held from 08/15/16 to 10/27/16.  

ELCT-40B WORKING AT A SMALL-TO-MEDIUM BUSINESS OR ISP  
(ALSO: CPSC-40B)  
[CILC areas A,C,E]  
3 units: 2 hours lecture, 3 hours lab.  
Prerequisite: CPSC-40A or ELCT-40A.  
This course prepares students for jobs as network technicians. Students develop soft skills required for computer and help desk technicians.  

**MERCED**  
9080 WC MTWTh 08:00a-12:15p Walls W  
9412 WC MTWTh 08:00a-12:15p Walls W  
Section 9412 is held from 09/26/16 to 10/27/16.  

ELCT-41 INDUSTRIAL MOTOR AND EQUIPMENT CONTROL  
(APPLICATIONS OF ELECTRONICS)  
3 units: 2 hours lecture, 3 hours lab.  
Advisories: ELCT-31; ENGL-85.  
This course is designed to present the principles and applications of electrical motor and equipment control techniques used in industry.  

**MERCED**  
9108 WC MTWTh 08:00a-12:00p Hamilton A  
9413 WC MTWTh 08:00a-12:00p Hamilton A  
Section 9413 is held from 09/26/16 to 10/31/16.  

ELCT-42A PRINCIPLES AND APPLICATIONS OF PROGRAMMABLE  
LOGIC CONTROLLERS  
2 units: 1 hour lecture, 3 hours lab.  
Advisories: ELCT 34; ENGL-85.  
This course provides instruction in industrial type of computers called “Programmable Logic Controllers” (PLCs).  

**MERCED**  
9094 WC MTWTh 12:45p-03:50p Nagano J  
9414 WC MTWTh 12:45p-03:50p Nagano J  
Section 9414 is held from 11/07/16 to 12/15/16.  

ELCT-42B ADVANCED TOPICS IN PLC CONFIGURATION AND  
PROGRAMMING  
2 unit: 1 hour lecture, 3 hours lab.  
Prerequisite: ELCT-42A. Advisory: ELCT-31, ELCT-32, ELCT-34.  
The course introduces students to a mid-size Programmable Logic Controller (Allen-Bradley SLC-500) hardware configuration, set-up and programming.  

**MERCED**  
9140 WC MW 01:00p-04:50p Hamilton A  
Section 9140 is held from 08/15/16 to 10/12/16.  

ELCT-44 ELECTRONICS PROJECT DESIGN, FABRICATION AND  
REPAIR  
3 units: 2 hours lecture, 3 hours lab.  
Prerequisites: ELCT-30 or ELCT-31. Advisories: ENGL-85.  
The aim of this course is to provide the student with an introduction to basic digital electronic devices (logic gates, flip-flops, seven-segment displays, counters, shift registers) and their applications in modern computing, mechatronics and automated systems.  

**MERCED**  
9086 WC MTWTh 08:00a-11:50a Walls W  
9415 WC MTWTh 08:00a-11:50a Walls W  
Section 9415 is held from 10/31/16 to 12/08/16.  

ELCT-47 ELECTRICAL MOTORS, GENERATORS, TRANSFORMERS,  
AND AC DISTRIBUTION  
3 units: 2 hours lecture, 3 hours lab.  
Advisories: ELCT-31; ENGL-85; MATH-80 or MATH-85.  
This course covers principles of AC and DC motors, generators, transformers, three-phase generation, and AC distribution systems.  

**MERCED**  
9095 WC MTWTh 12:45p-04:15p Nagano J  
9416 WC MTWTh 12:45p-04:15p Nagano J  
Section 9416 is held from 09/26/16 to 11/03/16.  

ELCT-51A PERSONAL COMPUTER CONFIGURATION, ASSEMBLY  
AND REPAIR  
[CILC area A]  
3 units: 2 hours lecture, 3 hours lab.  
Advisories: ENGL-85; MATH-80 or MATH-85.  
This is a course addressed to students without any previous knowledge of personal computers (PC). The course introduces students to the fundamentals of desktop computer installation through simple, step-by-step instruction based on the most recent CompTIA A+ exam objectives.  

**MERCED**  
9087 WC MTWTh 01:00p-04:50p Walls W  
9417 WC MTWTh 01:00p-04:50p Walls W  
Section 9417 is held from 10/31/16 to 12/08/16.  

ELCT-52 INTRODUCTION TO ELECTRICITY AND ELECTRONICS  
3 units: 2.5 hours lecture, 1.5 hours lab.  
Advisories: READ-81, ENGL-84; MATH-80 or MATH-85.  
This is an introductory course to basic electronics/electricity theory and applications including resistance, inductance, capacitance in the series, parallel, and series-parallel circuits with DC and AC power sources.  

**MERCED**  
9111 WC MTWTh 08:30a-11:40a Hamilton A  
Section 9111 is held from 08/15/16 to 09/20/16.  
9418 WC MTWTh 08:30a-11:40a Hamilton A  
Section 9418 is held from 08/15/16 to 09/20/16.
FALL 2016 CLASSES

ELCT-55  ELECTRICAL CONDUIT BENDING THEORY AND TECHNIQUES
1 unit: 0.5 hour lecture, 1.5 hours lab.
Advisories: READ-81, ENGL-84; MATH-80 or MATH-85.
This course provides a comprehensive overview of conduit bending, fabrication procedures and methods. It will develop basic competencies in electrical apprentices and beginning learners.

MERCED
9112 WC MTWTh 08:00a-12:15p Hamilton A IT-3
LC Section 9112 is held from 12/09/16 to 12/15/16.

9419 WC MTWTh 08:00a-12:15p Hamilton A IT-3
Section 9419 is held from 12/09/16 to 12/15/16.

EMERGENCY MEDICAL CARE (EMER)

EMER-50A  EMERGENCY MEDICAL TECHNICIAN 1, MODULE A
2.5 units: 2.25 hours lecture, 75 hours lab.
Limitation on enrollment: Negative TB skin test or negative chest x-ray for TB within 1 year; A CPR course based on American Red Cross Professional Rescuer or American Heart Association Healthcare Provider. Advisory: ALLH-67; ENGL-85.
This is the first of two modules designed to teach basic emergency medical procedures and responsibilities, including stabilization of the sick and injured for transportation to medical facilities, care during transport, communication with base-hospital personnel, and transfer of the injured to the base-hospital emergency room.

If you are interested in obtaining more information regarding enrolling into the EMER 50A/B classes, please call (209)384-6058 or stop by the Vocational Building Room 18. A registration voucher will be required for registration and will be issued by the Business Division secretary when proof of requirements are presented in person.

MERCED
9169 TTh 09:30a-03:05p Donnelly B VOC-39
Section 9169 is held from 11/01/16 to 12/08/16. The class includes a 60 minute lunch break.

9170 MW 05:30p-09:20p Aanstad J VOC-39
Section 9170 is held from 08/15/16 to 09/28/16.

EMER-50B  EMERGENCY MEDICAL TECHNICIAN 1, MODULE B
4.5 units: 3.75 hours lecture, 2.25 hours lab.
Limitation on enrollment: Negative TB skin test or negative chest x-ray for TB within 1 year; A CPR course based on American Red Cross Professional Rescuer or American Heart Association Healthcare Provider. Prerequisite: EMER-50A. Advisories: ALLH-67; ENGL-85.
This course meets the requirements of Title 22, Division of California Administrative Code. Students successfully completing EMER-50A and EMER-50B are eligible to take the EMT 1 certifying exam from the National Registry of Emergency Medical Technicians.
If you are interested in obtaining more information regarding enrolling into the EMER 50A/B classes, please call (209)384-6058 or stop by the Vocational Building Room 18. A registration voucher will be required for registration and will be issued by the Business Division secretary when proof of requirements are presented in person.

MERCED
9171 MW 05:30p-09:20p Aanstad J VOC-39
Section 9171 is held from 10/03/16 to 12/16/16.

EMER-52  EMERGENCY MEDICAL TECHNICIAN 1 REFRESHER
1.5 units: 24 hours total lecture.
Limitation on enrollment: Current EMT Certification and Current CPR course based on American Red Cross Professional Rescuer or American Heart Association Healthcare Provider or Successful completion of an approved EMT 1 course and current CPR course based on American Red Cross Professional Rescuer or American Heart Association Healthcare Provider.
The course is for currently certified Emergency Medical Technician 1’s and for those that have successfully completed an approved EMT 1 course.

MERCED
9025 TTh 09:00a-11:50a McCall T VOC-39
Section 9025 is held from 08/15/16 to 09/09/16.

ENGINEERING (ENGR)

ENGR-14  C++ PROGRAMMING (ALSO: CPSC-14)
(C-ID COMP 122)
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: MATH-C. Advisory: CPSC-01; ENGL-01A. This is the entry-level comprehensive concepts course for computer science majors, and recommended for science and math majors.

MERCED
1624 $ TTh 10:30a-12:45p Kanemoto K VOC-113

ENGR-15  ELEMENTARY MECHANICS (STATICS)
3 units: 3 hours lecture.
Prerequisite: PHYS-04A. One-way corequisite: MATH-04C. Advisory: ENGL-85.
This course is the study of rigid bodies when acted upon by forces and couples in 2-D and 3-D space. Included are trusses, frames, machines, beams, friction, centroids, centers of mass, and moments of inertia.

MERCED
1592 MWF 12:00p-12:50p Gargova S SCI-206

ENGR-30  INTRODUCTION TO ENGINEERING
[CILC area C, D] 2 units: 1 hour lecture, 3 hours lab.
Prerequisites: CHEM-04A; MATH-04A; PHYS-04A. Advisory: ENGL-85.
This course is an introduction to the atomic and microscopic structure of modern engineering materials.

MERCED
1992 MW 02:00p-03:50p Gargova S SCI-105

ENGR-45  ENGINEERING MATERIALS
4 units: 3 hours lecture, 3 hours lab.
Prerequisites: CHEM-04A; MATH-04A; PHYS-04A. Advisory: ENGL-85.
This course is intended to provide an introduction to the atomic and microscopic structure of modern engineering materials.

MERCED
1265 MWF 10:00a-11:50a T & T 02:00p-04:50p Gargova S SCI-105

ENGR-46  FOUNDATIONS OF ENGINEERING
3 units: 2.75 hours lecture, 2.25 hours lab.
Prerequisites: CHEM-04A; MATH-C; PHYS-04A. Advisory: ENGL-85.
This course is designed for students preparing for the multiple choice portion of the basic science sections of the national professional engineering licensing examination. It includes a discussion of the academic skills required to earn an engineering degree.

MERCED
1575 MWF 12:00p-12:50p Gargova S SCI-105
### ENGLISH (ENGL)

#### ENGL-01A COLLEGE COMPOSITION AND READING

(C-ID ENGL 100) (CSU breadth area A2) (IGETC area 1A) (CILC area G)

4 units: 4 hours lecture.

Prerequisite: ENGL-85. Advisory: LRNR-30.

This course focuses on critical reading and thinking, research strategies, and scholarly composition with proper documentation at the college transfer level.

**ONLINE/HYBRID**

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<tr>
<th>Section</th>
<th>ONLINE</th>
<th>Instructor</th>
<th>CONTACT: For course specific questions</th>
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<tbody>
<tr>
<td>2507</td>
<td>ONLINE</td>
<td>Ortiz K</td>
<td><a href="mailto:keri.ortiz@mccd.edu">keri.ortiz@mccd.edu</a></td>
</tr>
<tr>
<td>2514</td>
<td>ONLINE</td>
<td>Huntington P</td>
<td><a href="mailto:pamelahuntington@mccd.edu">pamelahuntington@mccd.edu</a></td>
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<td>2531</td>
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<td>Porter S</td>
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<td>ONLINE</td>
<td>Hundley A</td>
<td><a href="mailto:hundleya@smccd.edu">hundleya@smccd.edu</a></td>
</tr>
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</table>

**COMMENT:** Students will be expected to log into the course on BlackBoard and complete a mandatory assignment within the first week of classes or risk being dropped.

**ONLINE**

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<td>2561</td>
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<td>Mumford J</td>
<td><a href="mailto:mumford.j@mccd.edu">mumford.j@mccd.edu</a></td>
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<tr>
<td>2564</td>
<td>ONLINE</td>
<td>Piro V</td>
<td><a href="mailto:piro.v@mccd.edu">piro.v@mccd.edu</a></td>
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</table>

**COMMENT:** Students should check their Merced College student email for instructions from the instructor on the first day of classes. Students will be expected to log into the course on BlackBoard and complete a mandatory assignment within the first week of classes or risk being dropped.

**ONLINE/HYBRID**

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<td>2569</td>
<td>MW</td>
<td>Huntington P</td>
<td><a href="mailto:denise.rempel@mccd.edu">denise.rempel@mccd.edu</a></td>
</tr>
</tbody>
</table>

**IN-CLASS SESSIONS:** Lecture - Mondays and Wednesdays; 02:00p-03:15p; IAC-120.

**COMMENTS:** 1 1/2 hours lecture will be ONLINE.

#### MERCED

<table>
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#### ENGL-01B INTRODUCTION TO LITERATURE

(C-ID ENGL 120) (CSU breadth area C2) (IGETC area 3B)

3 units: 3 hours lecture.

Prerequisite: ENGL-01A.

This course introduces representative works from four major genres: short story, novel, drama, and poetry.

**ONLINE/HYBRID**

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<th>Instructor</th>
<th>CONTACT: For course specific questions</th>
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<td>Rempel D</td>
<td><a href="mailto:denise.rempel@mccd.edu">denise.rempel@mccd.edu</a></td>
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**COMMENT:** The Literature selections in this course will focus on Native American Studies. Students will be expected to log onto the course in BlackBoard and complete two mandatory assignments within the first week of class or risk being dropped.

#### MERCED

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#### ENGL-06A MAJOR ENGLISH WRITERS TO THE LATE 18TH CENTURY

(C-ID ENGL 160) (CSU breadth area C2) (IGETC area 3B)

3 units: 3 hours lecture.

Prerequisite: ENGL-01A. Advisory: ENGL-01B.

This course introduces students to the history and variety of English literature from its beginnings to the late eighteenth century.

**MERCED**

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FALL 2016 CLASSES

ENGL-13 CRITICAL READING AND WRITING (ALSO: PHIL-13)  
(CSU breadth area A3) [ICLC area G] (C-ID ENGL 105)  
(IGETC area 1B)  
3 units: 3 hours lecture.  
Prerequisite: ENGL-01A.  
This course offers instruction in argumentative and critical writing, 
critical thinking, research strategies, information literacy, and proper 
documentation.  

MERCED  
1013 WC TTh 08:00a-09:15a Fries M VOC-139  
1393 WC TTh 09:30a-10:45a Daughdrill J ART-2  
1396 WC TTh 09:30a-10:45a Rempel D VOC-110  
1693 WC SI TTh 11:00a-12:15p McBride J VOC-110  
1694 WC TTh 02:00p-03:15p Rempel D VOC-110  
1392 WC MWF 08:00a-08:50a Epstein-Corbin S VOC-110  
1421 WC MWF 11:00a-11:50a Barba M VOC-110  
1395 WC MWF 02:00p-02:50p Fries M ART-2  
1673 WC MWF 03:30p-04:45p Law K IAC-109  
6352 WC M 05:30p-08:20p White M VOC-110  
6425 W 07:00p-09:50p Law K IAC-109  

LOS BANOSOS  
4359 WC MW 12:30p-01:45p Chavez C LB-B-134  
4361 WC F 09:00a-11:50a Barnes L LB-B-110  

ENGL-14 INTRODUCTION TO FILM  
(CSU breadth area C1) (IGETC area 3A)  
3 units: 2 hours lecture, 3 hours lab.  
Prerequisite: ENGL-01A.  
This course includes critical and popular approaches to film. Students will 
study film form, genre, style, criticism, and history.  

LOS BANOSOS  
8365 WC T 07:00p-08:50p Chavez C LB-B-135 & Th 07:00p-09:50p Chavez C LB-B-135  

ENGL-15 HISTORY OF DRAMATIC LITERATURE  
(CSU breadth area C1)  
3 units: 3 hours lecture.  
Prerequisite: ENGL-01A.  
This course traces origins and development of drama from classic to 
contemporary periods. It examines drama as a literary genre, including 
analysis of theme, style, character, and dramatic sub-genres.  

MERCED  
1692 WC MWF 08:00a-08:50a McBride J IAC-122  

ENGL-18 AFRICAN AND AFRICAN AMERICAN LITERATURE  
(CSU breadth area C2) (IGETC area 3B)  
3 units: 3 hours lecture.  
Prerequisite: ENGL-01A.  
This is an introductory course in African literature written in English or 
translated from African languages or French into English.  

MERCED  
1370 WC MWF 12:00p-12:50p Baker W VOC-10  

ENGL-83 FOUNDATIONS IN WRITING II  
5 units: 5 hours lecture.  
Prerequisite: ENGL-90.  
This course focuses on developing short, unified written compositions  
single to multi paragraph), basic English grammar, and sentence 
construction.  

MERCED  
1189 WC MWF 11:00a-12:25p Mumford J VOC-138  
1279 WC MWF 07:55a-09:20a Flatt S VOC-138  
1281 WC MWF 12:45p-02:10p Lankford T AG-11  
1861 WC TTh 01:00p-03:15p Toconis M VOC-139  

LOS BANOSOS  
4367 WC MTWTh 08:00a-09:05a Long J LB-B-137  

ENGL-84 FOUNDATIONS IN WRITING III  
5 units: 5 hours lecture.  
Prerequisite: ENGL-83.  
Advisory: Concurrent enrollment in READ-81.  
This course focuses on developing short, unified essays through intensive 
practice in writing, including composition structure and paragraph 
development, application of English grammar and usage in conjunction 
with written work, as well as analysis of and response to relevant texts.  

MERCED  
1209 DAILY 11:00a-11:50a Strand M VOC-139  
1286 DAILY 12:00p-12:50p Strand M VOC-139  
1288 WC MTWTh 04:00p-05:05p Smith V VOC-138  
1292 MTWTh 03:30p-04:35p Chambers S VOC-139  
1293 MWF 07:55a-09:20a Lankford T VOC-139  
1295 MWF 09:30a-10:55a Lankford T VOC-139  
1297 WC MW 01:00p-03:15p Rempel D VOC-38  
1298 MW 01:00p-03:15p Taylor C AG-10  
1821 TTh 01:00p-03:15p Kahler S IAC-120  
1939 TTh 12:00p-02:15p Taylor C AG-10  
6072 MTW 05:30p-06:55p Staff VOC-139  

LOS BANOSOS  
4369 WC MW 08:00a-10:15a Kimoto S LB-B-125  
4371 WC MW 12:30p-02:45p Staff LB-B-111  
4375 WC TTh 09:30a-11:45a Kimoto S LB-B-111  
8373 WC MW 05:30p-07:45p McNally P LB-B-135  

ENGL-85 FOUNDATIONS IN ACADEMIC LITERACY  
5 units: 4 hours lecture, 3 hours lab.  
Prerequisite: READ-81 and ENGL-84  
This course focuses on a process-based approach to writing essays, 
including an introduction to argumentation, and offers a review of grammar 
and English usage in conjunction with composition assignments.  

MERCED  
1158 WC MTWTh 08:00a-08:50a Toth R IAC-123  
MTW 09:00a-09:50a Toth R IAC-140  
1323 WC MTWTh 09:00a-09:50a Mumford J IAC-123  
MTW 10:00a-10:50a Mumford J IAC-139  
1391 WC MTWTh 12:00p-12:50p Toth R IAC-123  
MTW 11:00a-11:50a Toth R IAC-139  
1398 MTWTh 04:00p-04:50p Staff IAC-123  
MW 05:00p-06:15p Staff IAC-140  
1636 WC MWF 02:15p-03:20p White M IAC-123  
MW 03:30p-04:45p White M IAC-140  
1683 WC TTh 08:00a-09:50a Piro V IAC-120  
LC MWF 08:00a-08:50a Piro V IAC-140  
Section 1683 is a Learning Community with ATHL-03-6024.  
1762 MWF 08:00a-09:05a Gonzalez H VOC-111  
MW 09:15a-10:30a Gonzalez H IAC-139  
1763 WC MWF 09:15a-10:20a Piro V VOC-111  
LC SI MWF 10:30a-11:20a Piro V IAC-140  
Section 1763 is a Puente Learning Project with GUID-30-1867.  
1764 MWF 10:30a-11:35a De la Cruz Y VOC-111  
MF 12:00p-01:15p De la Cruz Y IAC-139  
1766 WC MWF 11:45a-12:50p Martin Ward S VOC-111  
MW 01:00p-01:50p Martin Ward S IAC-139  
1767 MWF 01:00p-02:05p Gonzalez H IAC-123  
MWF 02:15p-03:05p Gonzalez H IAC-140  
1768 MTWTh 07:00a-07:50a Staff IAC-123  
TTh 08:00a-09:15a Staff IAC-139  
1769 WC MW 10:00a-11:50a Daughdrill J IAC-123  
MW 12:00p-01:15p Daughdrill J IAC-140  
1771 WC MW 12:00p-01:50p Taber J ART-2  
MW 02:00p-03:15p Taber J IAC-139  

LC̶Learning Community class. See page 57 for details.  
SI̶Supplemental Instruction class. See page 83 for details.  
$̶Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.  
WC̶Web Component which will require you to have internet access.
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**ENGLISH AS A SECOND LANGUAGE (ESL)**

**ESL-92 ESL READING AND WRITING**

5 units: 5 hours lecture.

Advisory: Upon entering the course it is recommended that the student be able to: Completion of Non Credit ESL Level 5 or at least three years of the study of ESL/ELD in high school or adult school programs or use complete sentences in Standard American English to carry on a conversation with a native speaker while using the telephone and read English magazines and newspapers and write complete sentences that may have some grammatical errors.

This is an intermediate writing and reading course for students whose native language is not English (ESL). This course focuses on reading strategies to improve fluency, vocabulary, and comprehensions.

**MERCED**

1201 TTh 01:00p-03:15p Lankford T AHC-124

**FIRE TECHNOLOGY (FIRE)**

**FIRE-30 FIRE PROTECTION ORGANIZATION**

3 units: 3 hours lecture.

Advisory: ENGL-85.

This course provides an introduction to fire protection; career opportunities in fire protection and related fields.

**MERCED**

6137 T 07:00p-09:50p McCall T VOC-39

**FIRE-31 FIRE BEHAVIOR AND COMBUSTION**

3 units: 3 hours lecture.

Prerequisite: FIRE-30. Advisory: ENGL-85.

This course presents the theory and fundamentals of how and why fires start, spread, and are controlled; an in-depth study of fire chemistry and physics; fire characteristics of materials; extinguishing agents; and fire control techniques.

**MERCED**

6138 Th 07:00p-09:50p Donnelly B VOC-39

**FIRE-32 FIRE PREVENTION TECHNOLOGY**

3 units: 3 hours lecture.

Prerequisite: FIRE-30. Advisory: ENGL-85.

This course provides fundamental information regarding the history and philosophy of fire prevention, organization and operation of a fire prevention bureau, use of fire codes, identification and correction of fire safety education and suppression systems.

**MERCED**

1109 MW 02:00p-03:15p McCall T VOC-39

**FIRE-33 FIRE PROTECTION EQUIPMENT AND SYSTEMS**

3 units: 3 hours lecture.

Prerequisite: FIRE-30. Advisory: ENGL-85.

This course provides information relating to features of design and operation of fire detection and alarm systems, heat and smoke control systems, special protection and sprinkler systems, water supply for fire protection, and portable fire extinguishers.

**MERCED**

1947 MW 11:00a-12:15p McCall T VOC-39

**FIRE-35 FIREFIGHTING TACTICS AND STRATEGY**

3 units: 3 hours lecture.

Prerequisite: FIRE-30. Advisory: ENGL-85.

This course relates basic fire chemistry, equipment , and manpower, to firefighting tactics and strategy, methods of attack, and pre-planning.

**MERCED**

1289 MW 09:30a-10:45a Donnelly B VOC-39
### FRENCH (FREN)

**FREN-01 ELEMENTARY FRENCH I**  
(CSU breadth area C2) (IGETC area 6)  
5 units: 5 hours lecture.  
Advisory: READ-81, ENGL-84.  
This is a beginner’s course. The course will focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency.

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**FREN-03 INTERMEDIATE FRENCH I**  
(CSU breadth area C2) (IGETC area 3B/6)  
5 units: 5 hours lecture.  
Prerequisite: FREN-02 or two years of high school French. Advisory: LRNR-30.  
FREN-03 is a continuation of FREN-02. This course reviews and further develops grammatical concepts introduced in FREN 01 and FREN 02, as well as introduces the student to new concepts.

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### FRUIT PRODUCTION (FPRO)

**FPRO-13 FRUIT TREE MAINTENANCE**  
3 units: 2 hours lecture, 3 hours lab.  
Advisories: ENGL-85; MATH-80 or MATH-85.  
This course is designed to evaluate management decisions for fruit and nut trees.

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### GEOGRAPHY (GEOG)

**GEOG-01 PHYSICAL GEOGRAPHY**  
(CSU breadth area B1) (IGETC area 5A)  
3 units: 3 hours lecture.  
Advisory: ENGL-85.  
This course is a spatial study of the Earth’s dynamic physical systems and processes. Topics include: Earth-sun geometry, weather, climate, water, landforms, soil, and the biosphere.

**ONLINE/HYBRID**  
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<td>ONLINE</td>
<td>Morimoto D</td>
<td><a href="mailto:morimoto.d@mccd.edu">morimoto.d@mccd.edu</a> or (209) 384-6349</td>
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**COMMENTS:** Access code AND login to both Blackboard AND Wiley Plus required within the first week of instruction.

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**GEOG-02 WORLD GEOGRAPHY**  
(C-ID GEOG 125) (CSU breadth area D) (IGETC area 4)  
3 units: 3 hours lecture.  
Advisory: ENGL-85.  
GEOG-02 is a survey of the geography of the world’s regions. The study includes the ways in which environmental resources are utilized to satisfy the needs of mankind.

**ONLINE/HYBRID**  
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<tr>
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<td>Morimoto D</td>
<td><a href="mailto:morimoto.d@mccd.edu">morimoto.d@mccd.edu</a> or (209) 384-6349</td>
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**COMMENTS:** Access code AND login to both Blackboard AND Wiley Plus required within the first week of instruction.

**MERCED**  
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<td>T</td>
<td>05:30p-08:20p</td>
<td>Phillips S</td>
<td>IAC-106</td>
</tr>
</tbody>
</table>

### GEOLOGY (GEOL)

**GEOL-01 PHYSICAL GEOLOGY**  
(C-ID GEOG 101) (CSU breadth area B1/B3) (IGETC area 5A/5C)  
4 units: 3 hours lecture, 3 hours lab.  
Advisory: ENGL-85; MATH-C.  
This is a beginning course in geology stressing the beneficial and destructive forces of nature and their causes. A field trip is required for this class.

**MERCED**  
6305 $  
<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
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<tbody>
<tr>
<td>TTh</td>
<td>05:30p-06:45p</td>
<td>Davies R</td>
<td>SCI-105</td>
</tr>
<tr>
<td>&amp; T</td>
<td>07:00p-09:50p</td>
<td>Davies R</td>
<td>SCI-105</td>
</tr>
</tbody>
</table>

Section 6305 requires participation in a one-day, 8-hour long field trip to Yosemite National Park with transportation in Merced College vans. There is no associated cost to the student.

**GEOL-03 EARTH SCIENCE**  
(C-ID GEOG 121) (CSU breadth area B1/B3)  
4 units: 3 hours lecture, 3 hours lab.  
Advisory: ENGL-85.  
An introduction to the essentials of Earth Science including the geosphere, atmosphere, hydrosphere, and solar system.

**MERCED**  
1585  
<table>
<thead>
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<th>Location</th>
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<td>MW</td>
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<td>Davies R</td>
<td>SCI-208</td>
</tr>
<tr>
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<td>02:00p-04:50p</td>
<td>Davies R</td>
<td>SCI-105</td>
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</table>

### GERMAN (GERM)

**GERM-01 ELEMENTARY GERMAN**  
(CSU breadth area C2) (IGETC area 6)  
5 units: 5 hours lecture.  
Advisory: ENGL-84.  
This is a beginner’s course. The course will focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency.

**MERCED**  
1902 WC  
<table>
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<th>Day</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>DAILY</td>
<td>09:00a-09:50a</td>
<td>Kreide C</td>
<td>ART-4</td>
</tr>
</tbody>
</table>
GUIDANCE (GUID)

GUID-30 FOUNDATIONS AND STRATEGIES FOR COLLEGE SUCCESS
(CSU breadth area E)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This comprehensive course integrates the cultivation of skills, values, and attitudes indicative of confident, capable students/individuals with problem solving and critical/creative thinking.

GUID-30 requires the purchase of the MBTI assessment for approximately $13.20 and the Strong Interest Inventory for about $8.55. Additional information will be provided in class.

ONLINE/HYBRID

- 2511 $ ONLINE Yang N
  CONTACT: gina.vang1@mccd.edu
- 2563 $ ONLINE Cambridge I
  CONTACT: cambridge.i@mccd.edu
- 2912 $ ONLINE Smith D
  CONTACT: dennell.smith@mccd.edu
Section 2912 is held from 10/17/16 to 12/16/16.

MERCED

1107 $ MWF 07:00a-07:50a Hardcastle C VOC-138
1200 $ LC MWF 02:15p-03:05p Maples I VOC-139
1863 $ TTh 08:00a-09:15a Ochoa L VOC-110
1867 $ LC TTh 09:30a-10:45a Renteria E VOC-139
Section 1867 is a Puente Learning Project with ENGL-85-1763.
6358 $ M 07:00p-09:50p Clark K VOC-139
6359 $ T 07:00p-09:50p Molina M VOC-139

LOS BANOS

4479 $ F 09:00a-11:50a Aalgaard K LB-B-107
4485 $ LC TTh 09:30a-10:45a Rodriguez L LB-B-136
Section 4485 is a Learning Community with ENGL-85-4385.
9907 $ MW 10:00a-11:50a Aalgaard K LB-B-106
Section 9907 is held from 09/07/16 to 12/14/16.

LIVINGSTON

7024 $ M 04:00p-06:50p Tovar E LIVN-905
Section 7024 is held at Livingston High School; 1617 Main Street; Livingston.

GUID-48 LIFE AND CAREER PLANNING
3 units: 3 hours lecture.
Advisory: ENGL-65.
This is a structured sequential course in life and career planning.

ONLINE/HYBRID

- 2537 ONLINE Garcia C
  CONTACT: garcia.c@g.mccd.edu
- 2582 ONLINE Frias S
  CONTACT: sabrina.frias@mccd.edu

MERCED

1364 MWF 08:00a-08:50a Souza J IAC-110
Section 1364 requires the purchase of the MBTI assessment for approximately $13.20 and the Strong Interest Inventory for about $8.55. Additional information will be provided in class.

GUID-53 PRACTICAL STRATEGIES FOR COLLEGE SUCCESS
1 unit: 1 hour lecture.
Advisory: ENGL-83; READ-80.
The course is designed to introduce practical strategies for college success. Topics addressed will include: orientation, assessment and awareness of values, choices and behaviors that impact college success, understanding the college catalog, college policies, and campus resources, choosing a major and understanding graduation and transfer requirements, goal setting, study strategies, and educational planning.

MERCED

9040 TTh 12:30p-01:45p Cambridge I VOC-110
Section 9040 is held from 08/15/16 to 09/22/16.
9041 TTh 12:30p-01:45p Cambridge I VOC-110
Section 9041 is held from 09/27/16 to 11/03/16.
9042 TTh 12:30p-01:45p Cambridge I VOC-110
Section 9042 is held from 11/08/16 to 12/15/16.

GUID-54 FOUNDATIONS AND STRATEGIES FOR ACADEMIC RECOVERY
3 units: 3 hours lecture.
Advisories: READ-81, ENGL-84.
This course is appropriate for students wishing to improve their academic standing.

ONLINE/HYBRID

- 2538 ONLINE Soto G
  CONTACT: soto.g@mccd.edu
- 2552 ONLINE Clark S
  CONTACT: clark.s@mccd.edu
- 2568 ONLINE Soto G
  CONTACT: soto.g@mccd.edu
- 2588 ONLINE Vang N
  CONTACT: gina.vang1@mccd.edu
- 2911 ONLINE Clark S
  CONTACT: clark.s@mccd.edu
Section 2911 is held from 10/17/16 to 12/16/16.

MERCED

1147 MWF 09:00a-09:50a Souza J VOC-110
Section 1147 requires the purchase of the MBTI assessment for approximately $13.20 and the Strong Interest Inventory for about $8.55. Additional information will be provided in class.
1149 MWF 12:00p-12:50p Yang Y VOC-110
1868 TTh 08:00a-09:15a Alcala R VOC-138
6360 Th 07:00p-09:50p Renteria E IAC-122

LOS BANOS

4481 WC MW 12:30p-01:45p Aalgaard K LB-B-136
Section 4481 requires the purchase of the MBTI assessment for approximately $13.20 and the Strong Interest Inventory for about $8.55. Additional information will be provided in class.
### HEALTH (HLTH)

**HLTH-10 CONTEMPORARY HEALTH**  
(CSU breadth area E)  
3 units: 3 hours lecture.  
Advisory: ENGL-85.  
This course surveys the human condition from birth to death. Emphasis is placed on the impact of personal choice throughout life.

**ONLINE/HYBRID**  
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<tbody>
<tr>
<td>2519</td>
<td>ONLINE Devine N</td>
<td></td>
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</tbody>
</table>

**CONTACT:** For course-specific questions contact the professor of the class at devine.n@mccd.edu. For technology problems contact the help desk at www.mccd.edu or 209-381-6565.

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### MERCED

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<td>Severo S</td>
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</tr>
<tr>
<td>1485 WC</td>
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<td>Casey R</td>
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<td>1486 WC</td>
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<td>Casey J</td>
<td>GYM-2</td>
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<tr>
<td>1487 WC</td>
<td>MWF</td>
<td>12:00p-12:50p</td>
<td>Casey J</td>
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<tr>
<td>1488 WC</td>
<td>MWF</td>
<td>01:00p-01:50p</td>
<td>Huddleston A</td>
<td>GYM-2</td>
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<td>Severo S</td>
<td>GYM-2</td>
</tr>
<tr>
<td>1490 WC</td>
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<td>TTh</td>
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<td>Russell W</td>
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<tr>
<td>1492 WC</td>
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**LIVINGSTON**

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Section 7020 is held at Livingston High School; 1617 Main Street; Livingston.

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### LOS BANOS

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<tr>
<td>8487</td>
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<td>07:00p-08:15p</td>
<td>Ballinger R</td>
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### HLTH-15 DRUGS, ALCOHOL, AND TOBACCO

3 units: 3 hours lecture.  
Advisory: ENGL-85.  
This course will give students a basic understanding of the psycho-physiological effects of drugs, alcohol, and tobacco.

**MERCED**

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<td>Severo S</td>
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### HISTORY (HIST)

**HIST-04A HISTORY OF CIVILIZATION: PART I**  
(C-ID HIST 150) (CSU breadth area C2/D) (IGETC area 3B)  
3 units: 3 hours lecture.  
Advisory: ENGL-85.  
This course provides a broad historical survey of humanity’s social, political, economic, and intellectual experiences for all major world civilizations from pre-history through approximately 1650.

**ONLINE/HYBRID**  
<table>
<thead>
<tr>
<th>Code</th>
<th>Type</th>
<th>Lecture Time</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>2535</td>
<td>ONLINE Harvey E</td>
<td></td>
<td></td>
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</tbody>
</table>

**CONTACT:** For course-specific questions, contact the professor of the class, harvey.e@mccd.edu.

**MERCED**

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<thead>
<tr>
<th>Code</th>
<th>Type</th>
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<th>Instructor</th>
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<td>09:00a-09:50a</td>
<td>Lorenz M</td>
<td>VOC-9</td>
</tr>
<tr>
<td>8497 WC</td>
<td>T</td>
<td>07:00p-09:50p</td>
<td>Cook J</td>
<td>LB-B-134</td>
</tr>
</tbody>
</table>

### HIST-04B HISTORY OF CIVILIZATION: PART II**  
(C-ID HIST 180) (CSU breadth area C2/D) (IGETC area 3B)  
3 units: 3 hours lecture.  
Advisory: ENGL-85.  
This course provides a broad historical survey of humanity’s social, political, economic and intellectual experiences for all major world civilizations from the 17th century to the present.

**MERCED**

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<th>Code</th>
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<th>Location</th>
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<tbody>
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<td>1715</td>
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<td>Seymour D</td>
<td>IAC-145</td>
</tr>
<tr>
<td>1751</td>
<td>TTh</td>
<td>12:30p-01:45p</td>
<td>Lorenz M</td>
<td>AHC-129</td>
</tr>
<tr>
<td>1854</td>
<td>TTh</td>
<td>02:00p-03:15p</td>
<td>Fong A</td>
<td>ART-1</td>
</tr>
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</table>

### HIST-05 HISTORY OF EUROPE FROM 1901 TO THE PRESENT

(CSU breadth area C2/D) (IGETC area 4)  
3 units: 3 hours lecture.  
Advisory: ENGL-85.  
HIST-05 is a one-semester survey course on 20th century and early 21st century European history (1901 to the present). The political, economic, cultural, and social development of 20th century and recent European history will be covered.

**MERCED**

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<tr>
<td>1936</td>
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<td>12:30p-01:45p</td>
<td>Fong A</td>
<td>ART-1</td>
</tr>
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### HIST-17A UNITED STATES HISTORY AND UNITED STATES CONSTITUTION

(CSU breadth area C2/F/F1/F2) (IGETC area 3B/4)  
3 units: 3 hours lecture.  
Advisories: ENGL-01A.  
This is an extensive survey course of United States history from the period of exploration to the Reconstruction Period.

**ONLINE/HYBRID**  
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<tr>
<td>2594</td>
<td>ONLINE Cook J</td>
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</table>

**CONTACT:** james.cook@mccd.edu  
**COMMENTS:** Students need to log in within the first two days of class.

**MERCED**

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<td>1716</td>
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<td>Purcell C</td>
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<tr>
<td>1799</td>
<td>MWF</td>
<td>09:00a-09:50a</td>
<td>Purcell C</td>
<td>AHC-129</td>
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<tr>
<td>1065</td>
<td>MWF</td>
<td>10:00a-10:50a</td>
<td>Lorenz M</td>
<td>VOC-9</td>
</tr>
<tr>
<td>1937</td>
<td>MWF</td>
<td>11:00a-11:50a</td>
<td>Steele J</td>
<td>IAC-142</td>
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<tr>
<td>1696</td>
<td>MWF</td>
<td>03:00p-03:50p</td>
<td>Seymour D</td>
<td>IAC-145</td>
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<tr>
<td>1929</td>
<td>MW</td>
<td>02:00p-03:15p</td>
<td>Kocolas T</td>
<td>IAC-146</td>
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<td>1930</td>
<td>MW</td>
<td>03:30p-04:45p</td>
<td>Cowell D</td>
<td>AHC-129</td>
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<tr>
<td>1698</td>
<td>TTh</td>
<td>09:30a-10:45a</td>
<td>Lorenz M</td>
<td>AHC-129</td>
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<tr>
<td>6348</td>
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<td>05:30p-06:45p</td>
<td>Harvey E</td>
<td>IAC-146</td>
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<tr>
<td>6339</td>
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<td>Morris R</td>
<td>VOC-9</td>
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<tr>
<td>6341</td>
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<td>Kocolas T</td>
<td>VOC-9</td>
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<tr>
<td>6225</td>
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<td>VOC-9</td>
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### LOS BANOS

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<tr>
<td>4501 WC</td>
<td>MW</td>
<td>08:00a-09:15a</td>
<td>Gardner J</td>
<td>LB-B-107</td>
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### DELHI

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<tbody>
<tr>
<td>7736</td>
<td>M</td>
<td>06:00p-08:50p</td>
<td>Roberts K</td>
<td>DELH-H1</td>
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</tbody>
</table>

Section 7736 is held at Delhi High School; Building H, Room 1, 16881 West Schendel Avenue; Delhi.

### DOS PALOS

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<th>Code</th>
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<tr>
<td>7935</td>
<td>T</td>
<td>06:00p-08:50p</td>
<td>Staff</td>
<td>DPHS</td>
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</tbody>
</table>

Section 7935 is held at Dos Palos High School; 1701 E. Blossom St. Room 14; Dos Palos

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**LC-** Learning Community class. See page 57 for details.  
**$**-Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.  
**SI-** Supplemental Instruction class. See page 83 for details.  
**WC-** Web Component which will require you to have internet access.  
**ONLINE/HYBRID Classes.** See page 64 for details.
HIST-17AH HONORS UNITED STATES HISTORY AND UNITED STATES CONSTITUTION
(CSU breadth area C2/D/F1/F2) (IGETC area 3B/4)
3 units: 3 hours lecture.
Limitation on enrollment: Enrollment in the Honors Program. (See the college catalog for a description of enrollment requirements.)
Advisories: ENGL-01A; ENGL-13/13H or PHIL-13/13H.
This course covers the social, political, economic and constitutional development of the nation.
MERCED
1914 TTh 09:30a-10:45a Lorenz M AHC-129
HIST-17AH is offered only in the Fall semester.

HIST-17B UNITED STATES HISTORY AND CALIFORNIA STATE AND LOCAL GOVERNMENT
(CSU breadth area C2/D/F1/F2) (IGETC area 3B/4)
3 units: 3 hours lecture.
Advisories: ENGL-01A.
This course is a continuation of HIST-17A from the end of the Reconstruction Period in 1877 to the present.
ONLINE/HYBRID
2518 ONLINE Steeley J
CONTACT: steeley.j@mccd.edu
COMMENTS: Students need to log in within the first two days of class.
2572 T 08:00a-09:15a Steeley J IAC-146
CONTACT: steeley.j@mccd.edu.
IN-CLASS SESSIONS: Lecture - Tuesdays; 08:00a-09:15a;
IAC-146
COMMENTS: 27 lecture hours will be online.
2595 ONLINE Cook J
CONTACT: james.cook@mccd.edu
COMMENTS: Students need to log in within the first two days of class.

MERCED
1706 MWF 11:00a-11:50a Fong A IAC-146
1953 MWF 12:00p-12:50p Fong A VOC-9
1725 MWF 01:00p-01:50p Fong A VOC-9
1710 MW 02:00p-03:15p Steeley J AHC-129
1970 MW 03:30p-04:45p Kocotas T IAC-142
1711 TTh 12:30p-01:45p Wheeler J IAC-106
1836 TTh 02:00p-03:15p Purcell C VOC-9
1805 TTh 03:30p-04:45p Purcell C VOC-9
6086 MW 05:30p-06:45p Cowell D AHC-129
6346 T 07:00p-09:00p Wheeler J IAC-145

LOS BANOS
4503 WC MW 09:30a-10:45a Gardner J LB-B-107

HIST-19 WOMEN IN AMERICAN HISTORY
3 units: 3 hours lecture.
Advisories: ENGL-01A.
This course is a review of the history of women in America covering the period from 1600 to the present.
MERCED
1789 MWF 09:00a-09:50a Steeley J IAC-106

HIST-20 SOCIAL WELFARE & SOCIAL WORK
3 units: 3 hours lecture.
Advisories: ENGL-01A.
A practical and general study of theoretical concepts and institutional frameworks that guide social welfare policy and practice.
MERCED
1730 TTh 09:30a-10:45a Saich E IAC-142

HIST-22 HISTORY OF MINORITIES -- BLACK EMPHASIS
(CSU breadth area D/F2) (IGETC area 4)
3 units: 3 hours lecture.
Advisories: ENGL-01A.
This course is a political and social history of American society and culture as seen from the Black perspective.
MERCED
1759 TTh 11:00a-12:15p Lorenz M AHC-129

HIST-23 THE HISTORY OF HISPANIC-AMERICANS IN THE SOUTHWEST U.S.
(CSU breadth area D) (IGETC area 4)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course is an introduction to the history of the Mexican-American, and is designed to examine the contributions of Hispanics to the U.S.
MERCED
1790 MW 02:00p-03:15p Cowell D VOC-8

HIST-29 HISTORY OF CALIFORNIA
(CSU breadth area D)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course is a survey of the early history of California through to the present, starting with the original peoples of California, the discovery and settlement of the area by the Spanish, the Mexican period, American conquest and occupation, and the gold rush.
ONLINE/HYBRID
2526 ONLINE Steeley J
CONTACT: steeley.j@mccd.edu;
COMMENTS: Students need to log in within the first two days of class.

HMONG (HMNG)
HMNG-01 ELEMENTARY HMONG I
(CSU breadth area C2) (IGETC area 6)
5 units: 5 hours lecture.
Advisory: ENGL-84.
This course is a study of the fundamentals of pronunciation, audio-lingual training, and phonology; syllabication; appreciation of basic elements of the Hmong culture.
MERCED
1687 MWF 02:00p-03:25p Ly C IAC-109
6143 MW 05:30p-07:45p Ly C IAC-108

HUMAN SERVICES (HMSV)
HMSV-20 SOCIAL WELFARE & SOCIAL WORK
3 units: 3 hours lecture.
Advisories: ENGL-01A.
A practical and general study of theoretical concepts and institutional frameworks that guide social welfare policy and practice.
MERCED
1730 TTh 09:30a-10:45a Saich E IAC-142

HMSV-21 HUMAN BEHAVIOR AND THE HELPING PROCESS
3 units: 3 hours lecture.
Advisories: ENGL-01A.
This course examines the history and philosophies of human services; identifies what constitutes genuine and empathic relationships; analyzes the role of conflict in individual and societal systems.
MERCED
6038 T 07:00p-09:50p Holmes D IAC-146
HMSV-41 CASE MANAGEMENT
3 units: 3 hours lecture.
Advisories: ENGL-85.
This course is designed to give the student an introduction to case management skills, including screening, assessment, treatment planning, and referral support.
MERCED
6114 Th 07:00p-09:50p Richardson C AHC-129

HMSV-42 INTRODUCTION TO COUNSELING SKILLS
3 units: 3 hours lecture.
Advisories: ENGL-85.
This course is oriented to counseling clients within the field of human services.
MERCED
6087 W 07:00p-09:50p Riley J IAC-145

HUMANITIES (HUM)

HUM-01 STUDIES IN HUMANITIES -- ANCIENT THROUGH RENAISSANCE
(CSU breadth area C2) (IGETC area 3B)
3 units: 3 hours lecture.
Prerequisite: ENGL-85. Advisory: ENGL-01A.
The principal aims of this course are to examine human existence and cultural endeavors from earliest ancient civilizations through the Renaissance.
MERCED
1953 MW 02:00p-03:15p Kahlert S IAC-106

HUM-01H HONORS STUDIES IN HUMANITIES -- ANCIENT THROUGH RENAISSANCE
(CSU breadth area C2) (IGETC area 3B)
3 units: 3 hours lecture.
Limitation on enrollment: Enrollment in the Honors Program. See the college catalog for a description of enrollment requirements.
Prerequisite: ENGL-85. Advisory ENGL-01A.
The principal aim of this course is to examine human existence and cultural endeavor from the earliest ancient civilizations through the Renaissance.
MERCED
1997 MW 02:00p-03:15p Kahlert S IAC-106

HUM-15 COMPARATIVE CULTURES
(CSU breadth area C2/D) (IGETC area 3B/4)
3 units: 3 hours lecture.
Advisory: ENGL-01A.
This course surveys the historical development and social structures of several different cultures in the United States.
MERCED
1145 TTh 09:30a-10:45a Hallman M IAC-109

INDUSTRIAL TECHNOLOGY (INDT)

INDT-25 FLUID POWER
3 units: 2 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-80 or MATH-85.
This course covers the operational theory and practical applications of hydraulics, pneumatics and vacuum components and systems.
MERCED
9139 WC MTWTh 12:30p-04:05p Nagano J IT-3
Section 9139 is held from 08/15/16 to 09/22/16.
9420 WC MTWTh 12:30p-04:05p Nagano J IT-3
Section 9420 is held from 08/15/16 to 09/22/16.

INDT-38I INDUSTRIAL TECHNOLOGY COMPUTER APPLICATIONS AND LITERACY
[CSIC area A,B,C,D,E,F]
3 units: 2 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-80 or MATH-85.
This course explores usage in the workplace with emphasis on industrial technology (IT) situations and applications.
MERCED
9088 WC MTWTh 12:30p-04:05p Thomburgh J VOC-40
LC Section 9088 is held from 08/15/16 to 09/22/16.
9421 WC MTWTh 12:30p-04:05p Thomburgh J VOC-40
Section 9421 is held from 08/15/16 to 09/22/16.

INDT-40 COMMERCIAL REFRIGERATION SYSTEMS
3 units: 2 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-80 or MATH-85.
This course presents Commercial Refrigeration Systems to students. Systems studied will range from fractional to large tonnage refrigeration systems.
MERCED
6092 WC Th 05:10p-10:00p Nagano J IT-3

INDT-49 ELECTRICAL CODES AND ORDINANCES
3 units: 3 hours lecture.
Advisories: ENGL-85; MATH-80 or MATH-85.
This is a course in the interpretation and application of the National Electrical Code (NEG), and other national, state and local electrical codes and ordinances which regulate the installation, alteration and maintenance of electrical circuits, systems and equipment.
MERCED
9113 WC MTWTh 08:30a-11:40a Hamilton A IT-3
LC Section 9113 is held from 11/02/16 to 12/01/16.
9422 WC MTWTh 08:30a-11:40a Hamilton A IT-3
Section 9422 is held from 11/02/16 to 12/01/16.
6034 WC T 05:00p-07:50p Hamilton A IT-3

INDT-51 HVAC -- VENTILATION AND AIR CONDITIONING SYSTEMS
6 units: 4 hours lecture, 6 hours lab.
Advisories: ENGL-85; INDT-50; INDT-52; MATH-80 or MATH-85.
This course will enable students to identify and understand the operation of various components and systems found in air conditioning refrigeration systems.
MERCED
6015 WC MW 05:10p-10:00p Nagano J IT-3

INDT-52 REFRIGERANT USAGE CERTIFICATION AND R-410A SAFETY
1 unit: 1 hour lecture.
Advisory: ENGL-85.
This course prepares students for EPA certification in refrigerant handling and R410A safety.
MERCED
9089 WC S 08:00a-01:50p Nagano J IT-1
Section 9089 is held from 08/20/16 to 09/03/16.

JAPANESE (JPNS)

JPNS-01A ELEMENTARY JAPANESE
(CSU breadth area C2)
2.5 units: 2.5 hours lecture.
Advisory: ENGL-84.
This course will focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency.
MERCED
1146 Th 03:45p-06:00p Johno I IAC-121
KINESIOLOGY (KINE)

KINE-01 INTRODUCTION TO KINESIOLOGY
(C-ID KIN 100)
3 units: 3 hours lecture.
Prerequisite: ENGL-85. Advisory: LRNR-30.
This course is an introduction to the interdisciplinary approach to the study of human movement.
MERCED
1031 MWF 09:00a-09:50a McCall S VOC-38
LOS BANOS
8657 TTh 05:30p-06:45p Ballinger R LB-B-136

KINE-02 FIRST AID AND CPR FOR THE PROFESSIONAL RESCUEER
(C-ID KIN 101)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course involves the theory and detailed demonstration of the first aid care of the injured.
MERCED
1494 MWF 08:00a-08:50a McCall S VOC-38

KINE-03 INTRODUCTION TO ATHLETIC TRAINING
3 units: 2 hours lecture, 3 hours lab.
Advisory: ENGL-85.
This is an introductory course in recognition, assessment, management, care and prevention of injuries occurring in physical activities.
MERCED
1507 T 08:00a-09:50a Barber R AG-10
& Th 08:00a-10:50a Barber R FH-FHA

KINE-09 ADAPTIVE PHYSICAL EDUCATION
1 unit: 3 hours lab.
Advisory: Advise that student provide medical verification of disability and recommendation of medical intervention.
This course is a continuing program of individualized instruction for the physically disabled student allowing that student long-range participation in an adapted exercise physiology environment designed to created more physical independence for the student.
MERCED
1096 TTh 09:30a-10:45a Huddleston A GYM-5

KINE-13 BEGINNING BASKETBALL
1 unit: 3 hours lab.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.
This course offers the beginning student the opportunity to develop and improve fundamental skills involved in basketball, such as, ball handling, shooting, defensive and offensive tactics, and physical endurance. It also covers team strategy and play.
MERCED
1976 MWF 09:00a-09:50a Russell W GYM-1

KINE-14 BEGINNING VOLLEYBALL
1 unit: 3 hours lab.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.
This course begins with the basic skills and court positions necessary to enjoy the sport. Each class session begins with warm-up exercises and “dry-land” drills. Skill period ends with class participation in a volleyball match.
MERCED
6272 M 07:00p-09:50p Serna R GYM-1

KINE-16 FOOTBALL-OFFENSIVE DEVELOPMENT
1 unit: 3 hours lab.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.
This course offers the student the opportunity to develop and improve the fundamental skills involved in football, such as passing, receiving, kicking, blocking (with the aid of blocking dummies), team play and strategy. Rules and class competition will also be included.
MERCED
1505 TTh 03:30p-04:45p Casey R FBPF

KINE-20 AQUA AEROBICS
1 unit: 3 hours lab.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.
This course is designed to improve cardiorespiratory fitness, muscular fitness, and flexibility.
MERCED
1093 MWF 09:00a-09:50a Cruz O POOL

Section 9035 is held from 08/15/16 to 10/14/16.

KINE-24A BEGINNING SWIMMING
1 unit: 3 hours lab.
Advisory: KINE-24A.
This course is designed for the beginner or non-swimmer who wants to learn aquatic fundamentals and receive stroke instruction in the front crawl, elementary backstroke, and sidestroke.
MERCED
1508 MWF 10:00a-10:50a Serna R POOL

KINE-24C SWIMMING FOR FITNESS
1 unit: 3 hours lab.
Advisory: KINE-24C.
This course is designed for the swimmer who has mastered the basic skills and is ready for more advanced swimming techniques. Emphasis is placed on technique and stroke development of the front crawl, elementary backstroke, and side stroke.
MERCED
1122 TTh 11:00a-12:15p Halpin W POOL

KINE-30 GROUP EXERCISE
1 unit: 3 hours lab.
Advisory: Upon entering the course it is recommended that the student be able to: Good general health; absence of medical conditions that would prevent planned physical activity.
This course uses a variety of group exercise to improve cardiorespiratory fitness, muscular fitness, and flexibility. Strenuous physical activity is required. Good general health advised.
MERCED
1905 TTh 01:00p-02:15p Botsford S GYM-4
1906 MWF 10:00a-10:50a Cruz O GYM-4
1907 TTh 10:00a-11:15a Cruz O GYM-4
1919 MWF 12:00p-12:50p Cruz O GYM-4
1944 MWF 11:00a-11:50a Cruz O GYM-4
1956 MWF 01:00p-01:50p Botsford S GYM-4

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LC - Learning Community class. See page 57 for details.
$ - Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.
SI - Supplemental Instruction class. See page 83 for details.
Online/Hybrid Classes. See page 64 for details.
WG - Web Component which will require you to have internet access.
## FALL 2016 CLASSES

### MERCED COLLEGE

### MERCED

**KINE-31 AEROBIC TRAINING**
1 unit: 3 hours lab.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.
This class uses a variety of aerobic activities to improve cardio-respiratory endurance. Machines used include stair climber, treadmills, cycles, rowing, recumbent bikes and cross trainers.

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
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<tbody>
<tr>
<td>1354</td>
<td>TTh</td>
<td>02:00p-03:15p</td>
<td>Serna R</td>
<td>GYM-5</td>
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<tr>
<td>1915</td>
<td>MWF</td>
<td>08:00a-08:50a</td>
<td>Russell W</td>
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<tr>
<td>1948</td>
<td>MW</td>
<td>03:00p-04:15p</td>
<td>Kelly P</td>
<td>GYM-5</td>
</tr>
</tbody>
</table>

### LOS BANOS

**1961** MW 12:30p-01:45p | Mendes D | LBPC
Section 1961 is located at Positive Changes; 1001 6th Street; Los Banos.

### KINE-32 CIRCUIT WEIGHT TRAINING
1 unit: 3 hours lab.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.
The equipment (single station exercise machines) and routine utilized in the fitness lab are designed to exercise all major muscle groups for a well-rounded fitness program with the non-athletic in mind.

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>1949</td>
<td>MWF</td>
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<td>Huddleston A</td>
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<td>GYM-5</td>
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<tr>
<td>1952</td>
<td>MW</td>
<td>12:00p-12:50p</td>
<td>Botsford S</td>
<td>GYM-5</td>
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<tr>
<td>1954</td>
<td>MW</td>
<td>01:00p-01:50p</td>
<td>Kelly P</td>
<td>GYM-5</td>
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<tr>
<td>1958</td>
<td>TTh</td>
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<td>GYM-5</td>
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<tr>
<td>1959</td>
<td>TTh</td>
<td>11:00a-12:15p</td>
<td>Serna R</td>
<td>GYM-5</td>
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<tr>
<td>1963</td>
<td>TTh</td>
<td>12:30p-01:45p</td>
<td>Kelly P</td>
<td>GYM-5</td>
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<tr>
<td>1971</td>
<td>TTh</td>
<td>03:30p-04:45p</td>
<td>Kelly P</td>
<td>GYM-5</td>
</tr>
</tbody>
</table>

### KINE-33 WEIGHT TRAINING
1 unit: 3 hours lab.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.
An open laboratory experience for those people who desire an individualized strength program using a combination of exercise machines and free weights.

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1533</td>
<td>MWF</td>
<td>08:00a-08:50a</td>
<td>Huddleston A</td>
<td>FH-FHA</td>
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<td>1916</td>
<td>MWF</td>
<td>10:00a-10:50a</td>
<td>Russell W</td>
<td>FH-FHA</td>
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<td>1918</td>
<td>MWF</td>
<td>11:00a-11:50a</td>
<td>Botsford S</td>
<td>FH-FHA</td>
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<tr>
<td>1920</td>
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<td>Severo S</td>
<td>FH-FHA</td>
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<td>1972</td>
<td>TTh</td>
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<td>Serna R</td>
<td>FH-FHA</td>
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<tr>
<td>1983</td>
<td>TTh</td>
<td>02:00p-03:15p</td>
<td>Kelly P</td>
<td>FH-FHA</td>
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<td>1985</td>
<td>TTh</td>
<td>11:00a-12:15p</td>
<td>Severo S</td>
<td>FH-FHA</td>
</tr>
</tbody>
</table>

### LOS BANOS

**8663** TTh 06:00p-07:15p | Zuniga D | LBHS
Section 8663 is located at Los Banos High School; 1966 11th St; Room 502; Los Banos.

### KINE-35 FLEXIBILITY AND CARDIOVASCULAR FITNESS
2 units: 6 hours lab.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.
Practical application of all aspects of flexibility and cardiovascular conditioning are presented and performed.

<table>
<thead>
<tr>
<th>ONLINE/HYBRID</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>2525</td>
<td>ONLINE</td>
<td>Devine N</td>
<td>CONTACT: For course-specific questions contact the professor of the class at <a href="mailto:devine.n@mccd.edu">devine.n@mccd.edu</a>. For technology problems contact the help desk at <a href="http://www.mccd.edu/myhelp">www.mccd.edu/myhelp</a> or 209-381-6585.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2546</td>
<td>ONLINE</td>
<td>Pedretti C</td>
<td>CONTACT: For course-specific questions contact the professor of the class at <a href="mailto:pedretti.c@mccd.edu">pedretti.c@mccd.edu</a>. For technology problems contact the help desk at <a href="http://www.mccd.edu/myhelp">www.mccd.edu/myhelp</a> or 209-381-6585.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2580</td>
<td>ONLINE</td>
<td>Pedretti C</td>
<td>CONTACT: For course-specific questions contact the professor of the class at <a href="mailto:pedretti.c@mccd.edu">pedretti.c@mccd.edu</a>. For technology problems contact the help desk at <a href="http://www.mccd.edu/myhelp">www.mccd.edu/myhelp</a> or 209-381-6585.</td>
<td></td>
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</tr>
</tbody>
</table>

### KINE-41 TENNIS
1 unit: 3 hours lab.
Advisory: Upon entering the course it is recommended that the student be able to: Good general health; absence of medical conditions that would prevent planned physical activity.
This course teaches basic skills of tennis including gripping the racket, body positioning, foot work, swing and follow through.

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
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<td>1881</td>
<td>TTh</td>
<td>10:00a-11:15a</td>
<td>Devine N</td>
<td>TC</td>
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</table>

### LANDSCAPE HORTICULTURE (LAND)

#### LAND-11 ELEMENTS OF LANDSCAPE HORTICULTURE
3 units: 2 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-80.
This is a course in the study of landscape horticulture with emphasis on nursery operations, landscaping, turf management, and floral industries.

<table>
<thead>
<tr>
<th>ONLINE/HYBRID</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<tr>
<td>1883 WC</td>
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<td>02:00p-04:15p</td>
<td>Tassey B</td>
<td>PS-2</td>
<td></td>
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</tbody>
</table>

#### LAND-12 LANDSCAPE DESIGN
3 units: 2 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-80.
This course includes the principles of landscape design and studies in form, space, color, texture, scale, balance, utility, and contrast.

<table>
<thead>
<tr>
<th>ONLINE/HYBRID</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>1228 WC</td>
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<td>10:30a-12:45p</td>
<td>Sichi C</td>
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</tbody>
</table>

#### LAND-16 PLANT PROPAGATION
3 units: 2 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-80.
This course teaches the principles of sexual and asexual propagation, seeding, cuttings, grafting, budding, and layering.

<table>
<thead>
<tr>
<th>ONLINE/HYBRID</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
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<tbody>
<tr>
<td>1755 WC</td>
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<td>02:00p-04:15p</td>
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</table>
## LEARNING RESOURCES (LRNR)

**LRNR-30 INFORMATION COMPETENCY IN THE ELECTRONIC AGE**  
[CILC areas A,B,C,D,E,F,G]  
3 units: 3 hours lecture.  
Prerequisite: ENGL-85. Advisories: AOM-50B; keyboard at a minimum rate of 25 wpm at 95% accuracy.  
This course is designed to introduce students to library research and resources including information retrieval tools.  
**MERCED**  
1061 MW 11:00a-12:15p Ryan A VOC-114  
1870 TTh 03:00p-04:15p Ryan A AHC-139  
**LIBERAL STUDIES (LBST)**  

### LBST-10 INTRODUCTION TO EDUCATION I  
(C-ID EDUC 200)  
3 units: 2 hours lecture, 3 hours lab.  
Limitation on enrollment: Students must obtain a fingerprint clearance and negative TB clearance. Advisories: ENGL-01A; CPSC-30; MATH-81.  
Students are introduced to the profession of teaching through an understanding of the California State Content Standards, the Credential process, the role of the public school teacher, and the personal qualities and characteristics necessary to be a successful teacher.  
**ONLINE/HYBRID**  
2566 HYBRID Pimentel M  
Section 2566 requires 3 additional hours lab time per week.  
Section 2566 requires a mandatory orientation - August 19, 2016; 03:00p-03:50p; LESH-111.  
Additional In-Class Sessions are Oct. 27th, Nov. 17th, Dec. 8th, 05:30p-07:20p; VOC-138.  
Students are required to purchase a Liberal Studies Handbook.  
Students should check their Merced College email for instructions from the professor on the first day of classes.  
Students will be expected to log into the course within the first week of classes or risk being dropped.  
**MERCED**  
6294 Th 05:30p-07:20p Acheson D IAC-123  
Section 6294 requires 3 additional hours lab time per week.  
Section 6294 requires a mandatory orientation - August 19, 2016; 03:00p-03:50p; LESH-111. Students are required to purchase a Liberal Studies Handbook.  
**THE MANAGEMENT SERIES AT THE BUSINESS RESOURCE CENTER:**  

### MGMT-31 PRINCIPLES OF MANAGEMENT  
3 units: 3 hours lecture.  
Advisory: ENGL-85.  
This introductory management course gives an overview of the management function and its role in organizations. It is designed to provide the fundamentals of management theories.  
**MERCED**  
1968 TTh 09:30a-10:45a Casey R VOC-141  
**MGMT-32 HUMAN RESOURCE MANAGEMENT**  
3 units: 3 hours lecture.  
Advisories: CPSC-30; ENGL-85.  
This course involves the study of the principles and methods involved in effective human resource utilization in organizations.  
**MERCED**  
6011 M 05:30p-08:20p Zdanowski M AHC-124  
**MGMT-37 SMALL BUSINESS ENTREPRENEURSHIP**  
3 units: 3 hours lecture.  
Advisories: AOM-30; CPSC-30.  
This course is designed to educate prospective new business owners. Topics include the business environment, enterprise management, legal considerations, financing, insuring a business, budgeting, and marketing for a small business.  
**MERCED**  
6212 W 05:30p-08:20p Matis Foss A VOC-38  
### MGMT-50B VALUES AND ETHICS  
0.5 unit: 0.5 hour lecture.  
Advisories: READ-81, ENGL-84.  
This course is designed to acquaint the participant with the importance of values and ethics in the workplace. Pass/No Pass only.  
**MERCED**  
9704 Th 08:00a-12:15p Pistoresi P BRC-122  
Section 9704 is held 12/01/16 and 12/08/16.  
Section 9705 is held 12/01/16 and 12/08/16.  
**MGMT-50G DECISION MAKING AND PROBLEM SOLVING**  
0.5 unit: 0.5 hour lecture.  
Advisories: READ-81, ENGL-84.  
This course is designed to introduce the student to decision making and problem solving techniques including brainstorming, creativity in the workplace, how to find new perspectives, and seeking alternatives. Pass/No Pass only.  
**MERCED**  
9700 Th 08:00a-12:15p Pistoresi J BRC-122  
Section 9700 is held 09/22/16 and 09/29/16.  
Section 9701 Th 01:00p-05:15p Pistoresi J BRC-122  
Section 9701 is held 09/22/16 and 09/29/16.  
**MGMT-50N EMPLOYEE ENGAGEMENT**  
0.5 unit: 0.5 hour lecture.  
Advisories: READ-81.  
This course will define what Employee Engagement is and what it looks like in the workplace.  
**MERCED**  
9706 Th 08:00a-12:15p Pistoresi J BRC-122  
Section 9706 is held 09/01/16 and 09/08/16.  
Section 9707 Th 01:00p-05:15p Pistoresi J BRC-122  
Section 9707 is held 09/01/16 and 09/08/16.
### MGMT-50S LEADING WITH YOUR STRENGTHS
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course will help students understand their unique strengths and how applying their strengths can give them their best opportunity for success. Pass/No Pass only. 
**MGMT-50S requires the purchase of the book Strengthsfinder 2.0 and take the on-line assessment referenced in the back of the book. Students will need to print out the assessment reports and bring to class. Students may not purchase a used book.**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
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<tr>
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### MGMT-51C LEADERSHIP ESSENTIALS: WHAT EMERGING LEADERS NEED TO KNOW
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to acquaint the student with the essential things new and emerging leaders need to know. Pass/No Pass only.

<table>
<thead>
<tr>
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<tr>
<td>MERCED 9703</td>
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### MGMT-51F CONFLICT RESOLUTION
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to introduce participants to the meaning of conflict, the causes of conflict, and strategies for resolving interpersonal conflict as well as dealing with difficult customers. Pass/No Pass only.

<table>
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<td>MERCED 9711</td>
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### MGMT-52D MANAGING ORGANIZATIONAL CHANGE
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to provide the participant with an understanding of change and the influence it has on an organization and the individuals in that organization. Pass/No Pass only.

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### THE MANAGEMENT SERIES AT THE LOS BANOS CAMPUS

#### MGMT-50B VALUES AND ETHICS
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to acquaint the participant with the importance of values and ethics in the workplace. Pass/No Pass only.

<table>
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#### MGMT-50C TIME MANAGEMENT
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to introduce the student to time management principles and specific tools that assist in making maximum use of time. Pass/No Pass only.

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#### MGMT-50G DECISION MAKING AND PROBLEM SOLVING
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to introduce the student to decision making and problem solving techniques including brainstorming, creativity in the workplace, how to find new perspectives, and seeking alternatives. Pass/No Pass only.

<table>
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#### MGMT-51F CONFLICT RESOLUTION
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to introduce participants to the meaning of conflict, the causes of conflict, and strategies for resolving interpersonal conflict as well as dealing with difficult customers. Pass/No Pass only.

<table>
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#### MGMT-51G STRESS MANAGEMENT
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to acquaint the participant with key elements of stress management. Pass/No Pass only.

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### THE MANAGEMENT SERIES AT THE MARIPOSA HIGH SCHOOL:

#### MGMT-50C TIME MANAGEMENT
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to introduce the student to time management principles and specific tools that assist in making maximum use of time. Pass/No Pass only.

<table>
<thead>
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<th>Course Code</th>
<th>Days</th>
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<tr>
<td>MARIPOSA 7802</td>
<td>Th</td>
<td>05:30p-09:45p</td>
<td>Lacey E</td>
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<tr>
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<td>Section 7802 is held on 09/01/16 and 09/08/16.</td>
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</table>
MGMT-50G DECISION MAKING AND PROBLEM SOLVING
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to introduce the student to decision making and problem solving techniques including brainstorming, creativity in the workplace, how to find new perspectives, and seeking alternatives. Pass/No Pass only.
MARIPOSA
7804 Th 05:30p-09:45p Lacey E MARI-59
Section 7804 is held on 09/29/16 and 10/06/16.

MGMT-51F CONFLICT RESOLUTION
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to introduce participants to the meaning of conflict, the causes of conflict, and strategies for resolving interpersonal conflict as well as dealing with difficult customers. Pass/No Pass only.
MARIPOSA
7803 Th 05:30p-09:45p Lacey E MARI-59
Section 7803 is held on 09/15/16 and 09/22/16.

MGMT-51G STRESS MANAGEMENT
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to acquaint the participant with key elements of stress management. Pass/No Pass only.
MARIPOSA
7801 Th 05:30p-09:45p Lacey E MARI-59
Section 7801 is held on 08/18/16 and 08/25/16.

MGMT-52D MANAGING ORGANIZATIONAL CHANGE
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to provide the participant with an understanding of change and the influence it has on an organization and the individuals in that organization. Pass/No Pass only.
MARIPOSA
7805 Th 05:30p-09:45p Lacey E MARI-59
Section 7805 is held on 10/13/16 and 10/20/16.

THE EVENING MANAGEMENT SERIES:
1 2 3 4 5 indicates sequence in which courses should be taken.

MGMT-50P EMOTIONAL INTELLIGENCE 1
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is an introduction to the principles of Emotional Intelligence (EQ). EQ is the ability to identify and understand your emotions and those of others and use this understanding to guide your behavior and manage relationships. Pass/No Pass only.
MERCED
9106 T 05:30p-08:20p Pistoressi J AHC-123
Section 9106 is held from 08/16/16 to 08/30/16.

MGMT-51F CONFLICT RESOLUTION 2
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to introduce participants to the meaning of conflict, the causes of conflict, and strategies for resolving interpersonal conflict as well as dealing with difficult customers. Pass/No Pass only.
MERCED
9011 T 05:30p-08:20p Pistoressi J AHC-123
Section 9011 is held from 09/06/16 to 09/20/16.

MGMT-50I ATTITUDE IN THE WORKPLACE 3
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to provide students with certain key skills in the area of attitude so that they may effectively maintain a positive attitude in the workplace and at home. Pass/No Pass only.
MERCED
9116 T 05:30p-08:20p Pistoressi J AHC-123
Section 9116 is held from 09/27/16 to 10/11/16.

MGMT-51G STRESS MANAGEMENT 4
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to acquaint the participant with key elements of stress management. Pass/No Pass only.
MERCED
9091 T 05:30p-08:20p Pistoressi J AHC-123
Section 9091 is held from 10/18/16 to 11/01/16.

MGMT-50D COMMUNICATION IN THE WORKPLACE 5
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to introduce the student to key elements in communication within business organizations. Pass/No Pass only.
MERCED
9043 T 05:30p-08:20p Pistoressi J AHC-123
Section 9043 is held from 11/08/16 to 11/22/16.

MARKETING (MKTG)
MKTG-30 PRINCIPLES OF MARKETING
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course provides a broad understanding of the promoting, pricing, and distribution of products and services.
1182 TTh 02:00p-03:15p Staff VOC-37

MKTG-31 RETAILING AND E-COMMERCE
3 units: 3 hours lecture.
Advisory: BUS-10; ENGL-85.
This introductory management course gives an overview of the management function and its role in organizations. It is designed to provide the fundamentals of management theories.
MERCED
6227 M 05:30p-08:20p Sangha T VOC-38
### Supplemental Instruction class. See page 83 for details.
- T 10:00a-11:50a Leonard B IAC-143

### Learning Community class. See page 57 for details.
- MTWF 12:00p-12:50p Sutterfield M IAC-144
  
- T 02:00p-03:50p Leonard B IAC-143

### MTWF 08:00a-08:50a Staff IAC-144

### ONLINE/HYBRID

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<tr>
<td>2557</td>
<td>HYBRID</td>
<td><a href="mailto:montoya.j@mccd.edu">montoya.j@mccd.edu</a></td>
<td>MANDATORY - August 15, 2016; 03:00p-04:50p; SCI-207.</td>
<td>MANDATORY - Mid-term #1 - September 22, 2016; 08:00a-09:50a; SCI-208.</td>
<td><a href="mailto:maria.albert@mccd.edu">maria.albert@mccd.edu</a></td>
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<tr>
<td>2504</td>
<td>HYBRID</td>
<td><a href="mailto:meidinger.m@mccd.edu">meidinger.m@mccd.edu</a></td>
<td>MANDATORY - August 16, 2016; 10:00a-11:50a; SCI-208.</td>
<td>MANDATORY - Mid-term #1 - September 27, 2016; 10:00a-11:50a; SCI-208.</td>
<td><a href="mailto:laura.strait@mccd.edu">laura.strait@mccd.edu</a></td>
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<tr>
<td>2596</td>
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<td><a href="mailto:staff.l@mccd.edu">staff.l@mccd.edu</a></td>
<td>MANDATORY - August 15, 2016; 08:00a-09:50a; LOS BANOS CAMPUS Room B-110.</td>
<td>MANDATORY - Mid-term #2 - November 7, 2016; 08:00a-09:50a; LB-B-110.</td>
<td><a href="mailto:julie.kehoe@mccd.edu">julie.kehoe@mccd.edu</a></td>
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### FALL 2016 CLASSES

#### MATH-C INTERMEDIATE ALGEBRA
4 units: 4 hours lecture.
Prerequisite: MATH-81. Advisory: ENGL-85.
This course covers factoring, functions and graphs, solving linear, quadratic, piecewise defined, exponential, and logarithmic equations, rational expressions and equations, complex numbers, and conic sections.

#### ONLINE/HYBRID

- 2557 $ HYBRID Montoya J
- 2504 $ HYBRID Meidinger M
- 2596 $ HYBRID Strait L

#### MATH-02 PRECALCULUS
(CSU breadth area B4) (IGETC area 2)
4 units: 4 hours lecture.
Prerequisite: MATH-25. Advisory: ENGL-85.

#### ONLINE/HYBRID

- 2532 $ HYBRID Kehoe J
- 2523 $ M Leonard B

#### MATH-04A CALCULUS I
(C-ID MATH 211) (CSU breadth area B4) (IGETC area 2)
4 units: 4 hours lecture.
Prerequisite: MATH-02 or MATH-02H. Advisory: ENGL-85.
This course covers limits, continuity, differentiation and integration of algebraic and trigonometric functions along with their respective applications.

#### ONLINE/HYBRID

- 2523 $ M Leonard B

#### MERCED

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<td>MWThF</td>
<td><a href="mailto:rieg.k@mccd.edu">rieg.k@mccd.edu</a></td>
<td>MANDATORY - August 16, 2016; 02:00p-03:50p; VOIC-112.</td>
<td>MANDATORY - Mid-term #1 - September 27, 2016; 10:00a-11:50a; SCI-208.</td>
<td><a href="mailto:julie.kehoe@mccd.edu">julie.kehoe@mccd.edu</a></td>
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<tr>
<td>6311</td>
<td>TTh</td>
<td><a href="mailto:kaur.s@mccd.edu">kaur.s@mccd.edu</a></td>
<td>MANDATORY - August 16, 2016; 02:00p-03:50p; VOIC-112.</td>
<td>MANDATORY - Mid-term #2 - November 7, 2016; 08:00a-09:50a; LB-B-110.</td>
<td><a href="mailto:brandon.leonard@mccd.edu">brandon.leonard@mccd.edu</a></td>
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<td>9107</td>
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<td><a href="mailto:sutterfield.j@mccd.edu">sutterfield.j@mccd.edu</a></td>
<td>MANDATORY - Final Exam - December 13, 2016; 01:00p-02:50p; VOIC-112.</td>
<td>Final Exam - December 13, 2016; 01:00p-02:50p; SCI-208.</td>
<td><a href="mailto:maria.albert@mccd.edu">maria.albert@mccd.edu</a></td>
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#### LOS BANOS

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<td>MANDATORY - Mid-term #1 - September 27, 2016; 10:00a-11:50a; SCI-208.</td>
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<td>5320</td>
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<td><a href="mailto:kaur.s@mccd.edu">kaur.s@mccd.edu</a></td>
<td>MANDATORY - August 16, 2016; 02:00p-03:50p; SCI-208.</td>
<td>MANDATORY - Mid-term #2 - November 7, 2016; 08:00a-09:50a; LB-B-110.</td>
<td><a href="mailto:brandon.leonard@mccd.edu">brandon.leonard@mccd.edu</a></td>
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<tr>
<td>5101</td>
<td>T</td>
<td><a href="mailto:leonard.b@mccd.edu">leonard.b@mccd.edu</a></td>
<td>MANDATORY - Final Exam - December 13, 2016; 01:00p-02:50p; SCI-208.</td>
<td>Final Exam - December 13, 2016; 01:00p-02:50p; SCI-208.</td>
<td><a href="mailto:maria.albert@mccd.edu">maria.albert@mccd.edu</a></td>
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#### LOS BANOS

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<tr>
<th>CRN</th>
<th>HYBRID</th>
<th>CONTACT</th>
<th>Orientation:</th>
<th>In-class Sessions:</th>
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<tr>
<td>1798</td>
<td>MTWF</td>
<td><a href="mailto:staff.l@mccd.edu">staff.l@mccd.edu</a></td>
<td>MANDATORY - August 16, 2016; 02:00p-03:50p; SCI-208.</td>
<td>MANDATORY - Mid-term #1 - September 27, 2016; 10:00a-11:50a; SCI-208.</td>
<td><a href="mailto:julie.kehoe@mccd.edu">julie.kehoe@mccd.edu</a></td>
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<tr>
<td>1613</td>
<td>MTWF</td>
<td><a href="mailto:staff.l@mccd.edu">staff.l@mccd.edu</a></td>
<td>MANDATORY - August 16, 2016; 02:00p-03:50p; SCI-208.</td>
<td>MANDATORY - Mid-term #2 - November 7, 2016; 08:00a-09:50a; LB-B-110.</td>
<td><a href="mailto:brandon.leonard@mccd.edu">brandon.leonard@mccd.edu</a></td>
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<tr>
<td>6312</td>
<td>MW</td>
<td><a href="mailto:staff.l@mccd.edu">staff.l@mccd.edu</a></td>
<td>MANDATORY - August 16, 2016; 02:00p-03:50p; SCI-208.</td>
<td>MANDATORY - Mid-term #2 - November 7, 2016; 08:00a-09:50a; LB-B-110.</td>
<td><a href="mailto:julie.kehoe@mccd.edu">julie.kehoe@mccd.edu</a></td>
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<tr>
<td>5101</td>
<td>T</td>
<td><a href="mailto:leonard.b@mccd.edu">leonard.b@mccd.edu</a></td>
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<td><a href="mailto:maria.albert@mccd.edu">maria.albert@mccd.edu</a></td>
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<td><a href="mailto:staff.l@mccd.edu">staff.l@mccd.edu</a></td>
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<td>MANDATORY - Mid-term #1 - September 27, 2016; 10:00a-11:50a; SCI-208.</td>
<td><a href="mailto:julie.kehoe@mccd.edu">julie.kehoe@mccd.edu</a></td>
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<tr>
<td>1454</td>
<td>MTWF</td>
<td><a href="mailto:gargova.s@mccd.edu">gargova.s@mccd.edu</a></td>
<td>MANDATORY - August 16, 2016; 02:00p-03:50p; SCI-208.</td>
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<td><a href="mailto:julie.kehoe@mccd.edu">julie.kehoe@mccd.edu</a></td>
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<tr>
<td>1631</td>
<td>MTWF</td>
<td><a href="mailto:meidinger.m@mccd.edu">meidinger.m@mccd.edu</a></td>
<td>MANDATORY - Final Exam - December 12, 2016; 08:00a-09:50a; LB-B-110.</td>
<td>Final Exam - December 12, 2016; 08:00a-09:50a; LB-B-110.</td>
<td><a href="mailto:brandon.leonard@mccd.edu">brandon.leonard@mccd.edu</a></td>
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<tr>
<td>1632</td>
<td>MTWF</td>
<td><a href="mailto:sutterfield.j@mccd.edu">sutterfield.j@mccd.edu</a></td>
<td>MANDATORY - Mid-term #1 - September 27, 2016; 10:00a-11:50a; SCI-208.</td>
<td>Mid-term #2 - November 7, 2016; 08:00a-09:50a; LB-B-110.</td>
<td><a href="mailto:julie.kehoe@mccd.edu">julie.kehoe@mccd.edu</a></td>
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<tr>
<td>1633</td>
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<td><a href="mailto:bruley.m@mccd.edu">bruley.m@mccd.edu</a></td>
<td>MANDATORY - Final Exam - December 12, 2016; 08:00a-09:50a; LB-B-110.</td>
<td>Final Exam - December 12, 2016; 08:00a-09:50a; LB-B-110.</td>
<td><a href="mailto:julie.kehoe@mccd.edu">julie.kehoe@mccd.edu</a></td>
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<tr>
<td>1634</td>
<td>MTWF</td>
<td><a href="mailto:meidinger.m@mccd.edu">meidinger.m@mccd.edu</a></td>
<td>MANDATORY - Mid-term #1 - September 27, 2016; 10:00a-11:50a; SCI-208.</td>
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<td><a href="mailto:brandon.leonard@mccd.edu">brandon.leonard@mccd.edu</a></td>
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<tr>
<td>1628</td>
<td>TTh</td>
<td><a href="mailto:meidinger.m@mccd.edu">meidinger.m@mccd.edu</a></td>
<td>MANDATORY - Mid-term #1 - September 27, 2016; 10:00a-11:50a; SCI-208.</td>
<td>Mid-term #2 - November 7, 2016; 08:00a-09:50a; LB-B-110.</td>
<td><a href="mailto:julie.kehoe@mccd.edu">julie.kehoe@mccd.edu</a></td>
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FALL 2016 CLASSES

**MATH-04B  CALCULUS II**
(C-ID MATH 221) (CSU breadth area B4) (IGETC area 2)
4 units: 4 hours lecture.
Prerequisite: MATH-04A. Advisory: ENGL-85.
This course is a continuation of MATH-04A, addressing conic sections, transcendental functions, methods of integration, hyperbolic functions, improper integrals, Taylor's Formula, infinite series, and plane curves and polar coordinates.

**MERCED**
1614 $ MWF 07:45a-08:50a  Bruley M  SCI-207
1622 $ MTWTh 11:00a-11:50a  Navarro I  SCI-202
6179 $ TTh 08:30p-09:20p  Sollberger D  SCI-208

**MATH-04C  MULTIVARIABLE CALCULUS**
(CSU breadth area B4) (IGETC area 2)
4 units: 4 hours lecture.
Prerequisite: MATH-04B. Advisory: ENGL-85.
This course covers vectors and solid analytic geometry, vector-valued functions, partial differentiation, multiple integrals, and topics in vector calculus including Green’s and Stokes’ theorems.

**MERCED**
1615 MTWTh 11:00a-11:50a  Hogan G  VOC-112

**MATH-06  ELEMENTARY DIFFERENTIAL EQUATIONS**
(C-ID MATH 240) (CSU breadth area B4) (IGETC area 2)
3 units: 3 hours lecture.
Prerequisite: MATH-04C. Advisories: ENGL-85; MATH-08.
This course is an introduction to ordinary differential equations (ODEs), including analytical, graphical and numerical methods, as well as a variety of modeling applications.

**MERCED**
1876 TTh 12:30p-01:45p  Rieg K  SCI-203

**MATH-08  LINEAR ALGEBRA**
(C-ID MATH 250) (CSU breadth area B4) (IGETC area 2)
3 units: 3 hours lecture.
Prerequisite: MATH-04B. Advisory: ENGL-85.
This course is an introduction to systems of linear equations, matrices, determinants, vector spaces, linear transformations, eigenvalues and eigenvectors with a strong emphasis on applications.

**MERCED**
1451 TTh 12:30p-01:45p  Navarro I  VOC-140

**MATH-10  ELEMENTARY STATISTICS**
(CSU breadth area B4) (IGETC area 2)
3 units: 3 hours lecture.
Prerequisite: MATH-C. Advisory: ENGL-85.
This course covers descriptive statistics, including organization and presentation of data; elementary probability including permutations, combinations, binomial and normal distributions; inferential statistics, including random sampling, hypothesis testing, regression, and correlation and chi-square distribution.

**ONLINE/HYBRID**
2575 $ HYBRID  Clark J
CONTACT: clark.j@mccd.edu
Orientation: MANDATORY - August 16, 2016; 03:00p-04:50p; SCI-207.
In-class Sessions: MANDATORY - Mid-term - October 18, 2016; 03:00p-04:50p; SCI-207. MANDATORY - Final Exam - December 13, 2016; 03:00p-04:50p; SCI-207.
Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students.

**MERCED**
1616 MW 02:00p-03:15p  Malekzadeh B  SCI-203
1619 MW 03:00p-04:15p  Brooke B  SCI-111
1550 MW 03:30p-04:45p  Malekzadeh B  SCI-203
1014 SI MWF 08:00a-08:50a  Clark J  SCI-203
1877 MWF 08:00a-08:50a  Brooke B  VOC-112
1053 $ MWF 10:00a-10:50a  Bruley M  SCI-203
1081 MWF 11:00a-11:50a  Clark J  SCI-203
1537 $ MWF 11:00a-11:50a  Montoya J  SCI-208
1878 $ TTh 08:00a-09:15a  Cuarenta Gallegos G  VOC-112
1618 $ TTh 09:30a-10:45a  Cuarenta Gallegos G  SCI-207
1617 $ TTh 11:00a-12:15p  Diaz L  SCI-203
6104 M 05:30p-08:20p  Brooke B  VOC-140
6104 MW 07:00p-08:15p  Navares D  SCI-207
6313 $ TTh 05:30p-06:45p  Kaur S  SCI-207

**LOS BANOS**
4589 MW 12:30p-01:45p  Schlinger C  LB-B-110
8589 MW 05:30p-06:45p  Bryan J  LB-B-110

**MATH-15  FINITE MATHEMATICS**
(CSU breadth area B4) (IGETC area 2)
3 units: 3 hours lecture.
Prerequisite: MATH-C. Advisory: ENGL-85.
This course covers algebra review, linear models, systems of linear equations, matrices, linear programming, mathematics of finance, set theory, and probability.

**MERCED**
1621 MWF 09:00a-09:50a  Clark J  SCI-203
6316 MW 05:30p-06:45p  Navares D  SCI-207

**MATH-20A  BASIC STRUCTURE OF MATHEMATICS I**
(CSU breadth area B4)
3 units: 3 hours lecture.
Prerequisite: MATH-C. Advisory: ENGL-85.
This course is designed to complete the first course of a two-course sequence in basic concepts of mathematics required for students preparing to teach at the elementary school level.

**MERCED**
1623 TTh 09:30a-10:45a  Clark J  SCI-203
6317 MW 05:30p-06:45p  Bautista E  VOC-112

**LOS BANOS**
4595 $ MW 12:30p-01:45p  Strait L  LB-B-101

**MATH-20B  BASIC STRUCTURE OF MATH II**
(CSU breadth area B4)
3 units: 3 hours lecture.
Prerequisite: MATH-C. Advisories: ENGL-85; MATH-20A.
This course is designed to complete the second course of a two-course sequence in basic concepts of mathematics required for students preparing to teach at the elementary school level.

**MERCED**
1625 $ TTh 11:00a-12:15p  Montoya J  SCI-207

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**Additional Notes:**
- $ Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.
- CLASSES: See page 57 for details.
- LC - Learning Community class. See page 57 for details.
- SI - Supplemental Instruction class. See page 83 for details.
- Online/Hybrid Classes. See page 64 for details.
- WC - Web Component which will require you to have internet access.
209.384.6000

MERCED COLLEGE

FALL 2016 CLASSES

MATH-25 TRIGONOMETRY
(CSU breadth area B4)
3 units: 3 hours lecture.
Prerequisite: MATH-C. Advisory: ENGL-85.
This course is a review of right triangle geometry, real numbers, functions and graphs, trigonometric functions and their graphs, identities, inverse trigonometry functions, solve trigonometric equations, solve right triangles, solve triangles using the Law of Sines, and Law of Cosines.
ONLINE/HYBRID

2576 $ HYBRID Mitchell P
CONTACT: mitchellp@mccd.edu
Orientation: MANDATORY - August 18, 2016; 03:00p-04:50p; SCI-207.
In-class Sessions: MANDATORY - Mid-term - October 13, 2016; 03:00p-04:50p; SCI-207. MANDATORY - Final Exam - December 15, 2016; 03:00p-04:50p; SCI-207.
Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students.

MERCED

1439 MW 09:00a-10:50a Meldinger S SCI-207
1589 $ MW 01:00p-02:50p Dawson C SCI-207
1609 $ TTh 09:00a-10:50a Meldinger M SCI-209
1638 $ MW 02:00p-03:15p Cuarenta Gallegos G VOC-140
6300 MW 05:30p-06:45p Hogan G SCI-204
9144 $ MTW 02:00p-03:00p Sutterfield M SCI-202
Section 9144 is held from 10/17/16 to 12/14/16.
9123 MW 08:00a-09:50a Hogan G SCI-208
Section 9123 is held from 08/15/16 to 10/14/16.

LOS BANOS

4597 $ TTh 12:30p-01:45p Staff LB-B-106

MATH-26 COLLEGE ALGEBRA FOR LIBERAL ARTS
(C-ID MATH 150 ) (CSU breadth area B4) (IGETC area 2)
3 units: 3 hours lecture.
Prerequisite: MATH-C. Advisory: ENGL-85.
The course will cover topics on functions, including polynomial, rational, radical, exponential, absolute value, and logarithmic functions. Solving equations will also be discussed.

MERCED

1641 MW 10:00a-10:50a Kehoe J SCI-207

MATH-80 PRE ALGEBRA
4 units: 4 hours lecture.
Prerequisite: MATH-91. Advisories: READ-81.
This course covers the real number system and operations of addition, subtraction, multiplication, and division including whole numbers, integers, decimals, fractions and application problems involving percents, ratios, proportions, and square roots.
ONLINE/HYBRID

2513 $ HYBRID Rieg K
CONTACT: kristen.rieg@mccd.edu
Orientation: MANDATORY - August 18, 2016; 03:30p-05:20p; SCI-203.
In-class Sessions: MANDATORY - Mid-term - October 11, 2016; 03:30p-05:20p; SCI-203. MANDATORY - Final Exam - December 13, 2016; 03:00p-04:50p; SCI-203.
Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students.

MERCED

1348 $ MTWTh 12:00p-12:50p Staff SCI-202
1252 $ MTWTh 01:00p-01:50p Albert M SCI-202
1343 MTWTh 07:00a-07:50a Staff SCI-204
1355 $ MW 10:00a-11:50a Mitchell P SCI-204
1345 MWThF 09:00a-09:50a Dawson C IAC-143
1344 MWThF 10:00a-10:50a Dawson C IAC-143
1496 T 12:00p-01:50p Linebaugh B IAC-143
& Th 12:00p-01:50p Linebaugh B IAC-144
1350 $ TTh 08:00a-08:50a Daz L SCI-204
1351 $ TTh 10:00a-11:50a Yang C SCI-204

MATH-81 BEGINNING ALGEBRA
4 units: 4 hours lecture.
Prerequisite: MATH-80. Advisory: ENGL-85.
This course covers the four basic operations on real numbers and algebraic expressions.
ONLINE/HYBRID

2503 $ HYBRID Meidinger S
CONTACT: meidinger.s@mccd.edu
Orientation: MANDATORY - August 16, 2016; 03:00p-04:50p; SCI-208.
In-class Sessions: MANDATORY - Mid-term #1 - September 27, 2016; 03:00p-04:50p; SCI-208. MANDATORY - Mid-term #2 - November 08, 2016; 03:00p-04:50p; SCI-208.
MANDATORY - Final Exam - December 13, 2016; 03:00p-04:50p; SCI-208.
Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students.

2544 $ HYBRID Dawson C
CONTACT: dawson.d@mccd.edu
Orientation: MANDATORY - August 16, 2016; 02:00p-03:50p; SCI-110.
In-class Sessions: MANDATORY - Mid-term #1 - September 27, 2016; 02:00p-03:50p; SCI-110. MANDATORY - Mid-term #2 - November 01, 2016; 02:00p-03:50p; SCI-110.
MANDATORY - Final Exam - December 13, 2016; 01:00p-02:50p; SCI-110.
Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students.

2536 $ W 12:00p-12:50p Cuarenta Gallegos G VOC-140
CONTACT: gabriel.cuarentagallegos@mccd.edu; (209) 384-6395
Lecture: MANDATORY - Wednesdays from 12:00p-12:50p in VOC-140. Three hours of lecture ONLINE per week.

2541 $ HYBRID Sutterfield M
Contact: mark.sutterfield@mccd.edu
Orientation: MANDATORY - August 16, 2016; 05:30p-07:20p; VOC-112.
In-class Sessions: MANDATORY - Mid-term #1 - September 20, 2016; 05:30p-07:20p; VOC-112. MANDATORY - Mid-term #2 - November 01, 2016; 05:30p-07:20p; VOC-112.
MANDATORY - Mid-term #3 - December 06, 2016; 05:30p-07:20p; VOC-112.
MANDATORY - Final Exam - December 13, 2016; 05:00p-06:50p; VOC-112.

MERCED

1943 $ SI MTWTh 10:00a-10:50a Rieg K IAC-144
1601 $ MTWTh 04:00p-04:50p NAVARO I IAC-143
1605 MW 12:00p-01:50p Power J SCI-204
1603 MWThF 08:00a-08:50a Gargova S IAC-143
1602 MWThF 09:00a-09:50a Kehoe J SCI-202
1353 MWThF 12:00p-12:50p Mason C IAC-143
1600 $ MWThF 01:00p-01:50p Montoya J IAC-143
1547 MWThF 02:00p-02:50p Linebaugh B IAC-143
1607 $ T 08:00a-08:50a NAVARO I IAC-143
& Th 08:00a-09:50a NAVARO I IAC-144
1637 MTWF 03:00p-03:50p Staff IAC-144
1638 $ MTWTh 03:30p-04:20p NAVARO I IAC-144
1639 MW 05:30p-06:20p Malekzadeh B IAC-143
1650 MW 07:30p-08:20p Supinger S IAC-143
6309 TTh 05:00p-06:50p Mohan R IAC-143
6310 TTh 07:30p-09:20p Lane J IAC-143
MECHANIZED AGRICULTURE & DIESEL EQUIPMENT MECHANICS (MECH)

MECH-12  AGRICULTURE EQUIPMENT - FALL
(C-ID AG - MA 108L)
3 units: 2 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-80.
This Course is a study of the use, maintenance, adjustment, calibration, and repair of the equipment commonly used in California agriculture, with emphasis on primary and secondary tillage, planting, chemical application, and harvesting equipment.
MECH-31  EQUIPMENT SAFETY  
1 unit: 1 hour lecture.  
Advisories: ENGL-85; MATH-80.  
This course is a study of safety on and about farm equipment and machines.  
The safe operation and daily maintenance of machines commonly used in the daily operation of farming operations will be covered along with hitching, driving, and operational safety skills.  
**MERCED**  
9096  F  12:00p-04:15p  Fishman D  MA-1  
Section 9096 is held from 08/19/16 to 09/09/16.  
9081 WC  F  12:00p-04:15p  Fishman D  MA-1  
Section 9081 is held from 09/10/16 to 10/07/16.  

MECH-33  POWER EQUIPMENT AIR CONDITIONING  
2 units: 1 hours lecture, 3 hours lab.  
Advisories: ENGL-85; MATH-80.  
This is a study of power equipment air conditioning fundamentals designed to give the student knowledge and competencies in modern power equipment HVAC systems.  
**MERCED**  
9096 WC  MTWTh  01:00p-04:50p  Donovan T  MA-1  
LC  Section 9096 is held from 09/19/16 to 10/18/16.  
9404 WC  MTWTh  01:00p-04:50p  Donovan T  MA-1  
Section 9404 is held from 09/19/16 to 10/18/16.  

MUSIC  
Note: Many four-year colleges have a maximum number of acceptable performance course units.  

MUSA-20  APPLIED MUSIC  
(C-ID MUS 160)  
.50 unit: 1.5 hours lab.  
Limitation on enrollment: Students enrolling in MUSA-20 must be able to demonstrate a level of performance competence on their selected instrument or voice at a level equivalent to that of a music major attending a four-year college or university in the appropriate term of their freshman or sophomore year of studies.  
Advisory: Concurrent participation in an appropriate ensemble and enrollment in appropriate-level major preparation courses (Theory, Musicianship, Keyboard, etc.)  
This course provides for private individual instruction in voice, piano, or traditional band or orchestra instruments at a level equivalent to that of a music major in the appropriate term of the their freshman or sophomore year of music studies. This course can be repeated three times.  
**MERCED**  
1887  hours by arrangement  Nelson C  
ORIENTATION: MANDATORY - August 19, 2016; 01:00p-01:50p; MUS-2.  

MUSA-21A  VOICE I  
3 units: 3 hours lecture.  
Limitation on enrollment: Must demonstrate the ability to match pitch; see instructor. Advisory: ENGL-85.  
This is a course in elementary voice training. It emphasizes posture, diaphragmatic-intercostals breathing, breath support, breath control, tonal placement, articulation, stage presence, and overcoming performance anxiety.  
**MERCED**  
1075  TTh  09:30a-10:45a  Walsh L  MUS-1  

MUSA-25A  GUITAR I  
3 units: 3 hours lecture.  
Advisory: ENGL-85.  
This course is an introduction to the basic playing techniques, theory and history of the guitar. Students will develop a basic foundation for playing the guitar while surveying its historical development and various stylistic uses in artistic, folk, and popular music.  
**MERCED**  
1973  TTh  12:30p-01:45p  Dahman N  MUS-2  
1998  MW  09:30a-10:45a  Dahman N  MUS-2  

MUSA-25B  GUITAR II  
3 units: 3 hours lecture.  
Prerequisite: MUSA-25A. Advisory: ENGL-85.  
This course is a continuation of skills and techniques learned in MUSA-25A Beginning Guitar. Additional emphasis will be placed on classical and popular guitar styles. Chord-melody, bar chords, and hybrid picking techniques are introduced.  
**MERCED**  
1957  MW  12:30p-01:45p  Dahman N  MUS-2  

MUSA-27A  CLASS PIANO I  
3 units: 3 hours lecture.  
Advisory: ENGL-85.  
This course is designed for the beginning piano student with little or no background in piano. It is designed to develop sight reading skill and keyboard technique incorporated into solo and ensemble music.  
**MERCED**  
1067  TTh  12:30p-01:45p  Doiel M  MUS-1  
6088  MW  05:30p-06:45p  Zweig E  MUS-1  

MUSA-27B  CLASS PIANO II  
3 units: 3 hours lecture.  
Prerequisite: MUSA-27A. Advisory: ENGL-85.  
This course is a continuation of MUSA-27A. It is the second semester of class piano studies. The student will perform musical pieces with greater accuracy and musical expression.  
**MERCED**  
6083  MW  05:30p-06:45p  Zweig E  MUS-1  

MUSE-41  CONCERT BAND  
(C-ID MUS 180)  
1 unit: 3 hours lab.  
Limitation on enrollment: Audition by instructor.  
This course provides experience in performing concert and symphonic band literature. Public performance and exchange concerts are scheduled in addition to class rehearsals. This course may be repeatable three times.  
**MERCED**  
6355  T  05:30p-08:20p  Doiel M  MUS-2  

MUSE-42  JAZZ ENSEMBLE  
(C-ID MUS 180)  
1 unit: 3 hours lab.  
Limitation on enrollment: Audition by instructor.  
This course is a study of jazz music in the big band tradition and modern eras, as is standard first semester lower division college performance ensemble classes.  
**MERCED**  
6503  M  05:30p-08:20p  Taylor K  MUS-2  

MUSE-44  CHORALE  
(C-ID MUS 180)  
1 unit: 3 hours lab.  
Limitation on enrollment: Audition by instructor.  
This course specializes in the study and performance of choral literature chosen from all major eras and genres of choral writing.  
**MERCED**  
1909  MW  11:00a-12:15p  Nelson C  MUS-2  

MUSE-44 requires a $25 materials fee.
### MUSG-10 MUSIC FUNDAMENTALS
(3 units: 3 hours lecture)
Advisory: ENGL-84.
This course is a study of music fundamentals, including principles and procedures of rhythm and pitch notation, musical symbols, scales, key signatures, intervals, diatonic chords.

#### MERCED
- **1066** TTh 08:00a-09:15a Nelson C COM-5
- **1891** MW 03:30p-04:45p Spencer A MUS-2
- **1987** TTh 11:00a-12:15p Nelson C MUS-2

### MUSG-11 CLASSICAL MUSIC HISTORY I
(3 units: 3 hours lecture)
Advisory: ENGL-85.
This course is a study of the important composers and their works in classical music from early music (e.g., Gregorian chant) to Bach (600 to 1750).

#### MERCED
- **1277** TTh 11:00a-12:15p Walsh L ART-7

### MUSG-13 JAZZ MUSIC HISTORY
(3 units: 3 hours lecture)
Advisory: ENGL-85.
This course presents the history of jazz music from 1890 to present, including an introduction and analysis of major jazz artists and their contributions to this American art form.

#### LOS BANOS
- **8627** M 07:00p-09:50p Faria M LB-A-103

### MUSG-14 AMERICAN POPULAR MUSIC HISTORY
(3 units: 3 hours lecture)
Advisory: ENGL-85.
This course presents an introduction to the history and literature of the popular music movement in the United States; it is a study of the relationships of popular music to the social history of America.

#### MERCED
- **1144** MW 02:00p-03:15p Taylor K ART-7

### MUST-01 MUSIC THEORY I (DIATONIC HARMONY)
(3 units: 3 hours lecture)
Prerequisite: MUSG-10.
This course provides a thorough study of diatonic harmony found in music literature of the common practice period.

#### MERCE
- **1123** TTh 11:00a-12:15p Doiel M COM-5

### MUST-03 MUSIC THEORY III (CHROMATIC HARMONY)
(3 units: 3 hours lecture)
Prerequisite: MUST-02. Advisory MUSA-27B.
This course examines chromatic music theory as it relates to classical and popular music using skills acquired in MUST-01 and MUST-02.

#### MERCED
- **1898** TTh 11:00a-12:15p Doiel M COM-5

### MUST-05 AURAL SKILLS I
(3 units: 3 hours lecture)
Advisory: MUSA-10.
Basic drill in the singing and recognition of intervals, scales, and diatonic melodies, in treble, bass, alto, and tenor clefs. Dictation of diatonic melodies and counterpoint in first and second species.

#### MERCED
- **1845** MW 01:00p-01:50p Doiel M COM-5

### REGISTERED NURSING (REGN)

#### REGN-01 TRANSITION LVN TO RN
2 units: 1 hour lecture, 3 hours lab.
Limitation on enrollment: California VN license. Prerequisites: BIOL-16, BIOL-18, BIOL-20; ENGL-01A; MATH-C.
Registered Nursing 01 is a series of lectures and discussions that provides the concepts and principles necessary to facilitate the transition of the Licensed Vocational Nurse to the changing role of the Registered Nurse.

#### MERCED
- **9008** WC WTh 01:00p-04:50p Cazares K AHC-157
  Section 9008 is held from 10/19/16 to 12/15/16.

#### REGN-02 CLINICAL SKILLS TRANSITION - LVN TO RN
1 unit: 3 hours TBA lab.
Limitation on enrollment: California VN license, enrolled in REGN Program 3rd semester. Prerequisites: REGN-01.
Registered Nursing 02 consists of practice in the clinical setting with the skills and principles necessary to facilitate the transition of the Licensed Vocational Nurse to the changing role of the Registered Nurse.

#### MERCED
- **9048** 54 hours by arrangement Provencio G HOSP
  Section 9048 is held from 10/19/16 to 12/15/16.

#### REGN-15 FOUNDATIONS OF NURSING
[CILC Area B,C,D,E,F,G]
9 units: 4 hours lecture, 15 hours lab TBA.
Limitation on enrollment: 1) Enrollment in the REGN program, 2) CPR card Module AC, 3) physical within past 6 months, 4) negative TB screening test within past 6 months or negative chest x-ray within past year, 5) proof of current immunizations, 6) criminal background clearance, 7) drug screening. Prerequisites: BIOL-16, BIOL-18, BIOL-20; ENGL-01A; MATH-C. Two-way corequisites: REGN-18.
Registered Nursing 15 (Foundations of Nursing) focuses on foundational concepts necessary for safe, patient-centered nursing care to a diverse patient population while integrating legal and ethical responsibilities of the nurse.

#### MERCED
- **1159** WC WTh 08:00a-09:50a Schindler W AHC-128
  Section 1159 also requires 270 hours by arrangement.
REGN-18  PHARMACOLOGY IN NURSING PRACTICE
3 units: 3 hours lecture.
Registered Nursing 18, Pharmacology in Nursing Practice, presents an overview of the basic principles of pharmacology including major drug classifications and prototypes.

ONLINE/HYBRID
2553 ONLINE Schindler W

REGN-24  ACUTE MEDICAL/SURGICAL AND NURSING OF THE CHILDBEARING FAMILY
10 units: 5 hours lecture, 15 hours lab TBA.
Limitation on enrollment: Enrollment in the REGN program 2nd semester. Prerequisite: REGN-15, REGN-18.
Registered Nursing 24 provides for the acquisition and application of nursing theory, communication, collaboration, and critical thinking skills necessary for safe, patient-centered nursing care to a developmentally and culturally diverse patient populations experiencing various common medical/surgical interventions and to the childbearing family.

MERCED
1807 WC MW 08:00a-10:15a Smith D AHC-124
Section 1807 also requires 270 hours by arrangement.

REGN-34  ADVANCED MEDICAL/SURGICAL NURSING AND PEDIATRIC NURSING
(CSU breadth area E)
10 units: 5 hours lecture, 15 hours lab TBA.
Limitation on enrollment: Enrollment in the REGN program 3rd semester; CPR card Module AC; physical within past 6 months; negative TB screening test within past 6 months or negative chest x-ray within past year; proof of current immunizations; criminal background clearance; drug screening. Prerequisite: REGN-01 or REGN-24.
This course enlarges upon the concepts presented in REGN-15 and REGN-24 by introducing principles of care to maintain and/or restore homeostatic mechanisms in acute health problems.

MERCED
1179 WC TTh 08:00a-10:15a Provencio G AHC-124
Section 1179 also requires 270 hours by arrangement.

REGN-44  ACUTE MEDICAL/SURGICAL NURSEING AND MENTAL HEALTH NURSING
9 units: 4 hours lecture, 15 hours lab.
Limitation on enrollment: Enrollment in the REGN program 4th semester. Prerequisite: REGN-34.
Registered Nursing 44 builds on REGN-34, focusing on complex medical/surgical conditions of the high acuity patient and the patient at various levels of mental health promotion and mental illness management.

MERCED
1892 WC WTh 10:00a-11:50a Grise R AHC-125
Section 1892 also requires 270 by arrangement.

VOCATIONAL NURSING (VOCN)

VOCN-42  PRINCIPLES AND PRACTICES OF NURSING CARE I
14 units: 8 hours lecture, 18 hours lab TBA.
Limitation on enrollment: Enrollment in the Vocational Nursing Program; current CPR Card; a negative TB skin test or negative chest x-ray. Prerequisite: VOCN-40. Two-way corequisite: VOCN-47B.
This course emphasizes theoretical principles and clinical experience in meeting Maslow’s basic human needs of nutrition, oxygenation, elimination, and affiliation.

MERCED
1893 WC TW 08:00a-11:50a Sparks R AHC-130
& T 12:30p-03:20p Sparks R AHC-140
Section 1893 also requires 270 by arrangement.

VOCN-46A  APPLIED MATHEMATICS FOR PHARMACOLOGY
1 unit: 1 hour lecture.
Prerequisites: ENGL-01A; MATH-81.
This is an introductory pharmacology course which includes an introduction to the professional context of drug administration, and study of the metric, apothecary, and household systems of measurement. Nursing responsibility to patient safety is included.

MERCED
9133 F 08:00a-09:50a Sparks R AHC-130
Section 9133 is held from 08/19/16 to 10/14/16.

VOCN-47B  NURSING GUIDANCE II
1 unit: 1 hour lecture.
This course examines the nature of stress and its influences on coping and adapting. Related topics examine include crisis and crisis intervention, and psychophysiological and somatopsychic responses to stress and anxiety.

MERCED
1894 WC W 12:00p-12:50p Col-Hamm C AHC-130

NUTRITION (NUTR)

NUTR-10  NUTRITION
(CSU breadth area E)
3 units: 3 hours lecture.
Prerequisite: ENGL-85. Advisory: MATH-81.
This course presents an in-depth study of the essential nutrients and their functions, and the chemical composition of foods and their utilization in the body.

ONLINE/HYBRID
2547 ONLINE Pecchenino M
CONTACT: For course-specific questions contact the professor of the class pecchenino.m@mccd.edu.
MANDATORY: ORIENTATION - Thursday, August 18, 2016; 04:00p-04:50p; COM-02.

2520 ONLINE Hobbs J
CONTACT: For course-specific questions contact the professor of the class jennifer.hobbs@mccd.edu.
MANDATORY: ORIENTATION - Wednesday, August 17, 2016; 04:00p-04:50p; COM-2.

MERCED
1097 MW 11:00a-12:15p Pecchenino M AHC-123
1206 T 02:00p-04:50p Pecchenino M AHC-123
1205 TTh 09:30a-10:45a Hobbs J AHC-123
1880 TTh 11:00a-12:15p Hobbs J AHC-123
6082 Th 05:30p-08:20p Cronk L AHC-123

NUTR-20  PRINCIPLES OF FOODS
(C-ID NUTR 120)
3 units: 2 hours lecture, 3 hours lab.
Advisories: ENGL-01A; MATH-91; NUTR-44.
This course will study the application of food science principles with emphasis on ingredient function and interaction, food preparation techniques, sensory evaluation standards, food safety and sanitation, and nutritional values.

MERCED
6064 TTh 05:30p-07:45p Hobbs J VOC-142
Section 6064 requires a $30 fee for materials.
NUTR-41 INFANT AND TODDLER FEEDING (ALSO: CLDV-41)
1 unit: 1 hour lecture.
Advisory: ENGL-85.
This course focuses on feeding typical and atypical developing infants beginning at birth with breast milk, formulas, first foods and progresses to textures and foods appropriate for the toddler.

ONLINE/HYBRID
2910 ONLINE Pecchenino M
Section 2910 is held from 10/17/16 to 11/25/16.
CONTACT: pecchenino.m@mccd.edu.
MANDATORY: ORIENTATION - Friday, October 21, 2016; 09:00a-09:50a; VOC-113.

NUTR-43 CHILDREN AND WEIGHT CONCERNS
1 unit: 1 hour lecture.
Advisory: ENGL-85.
This course is designed to provide an overview of the problem of childhood obesity.

MERCED
9034 S 08:00a-08:50a Gerling S VOC-37
Section 9034 is held from 09/10/16 to 09/24/16.
Section 9034 includes a 30 minute lunch.

NUTR-44 FOOD SAFETY AND SANITATION
2 units: 2 hours lecture.
Advisory: ENGL-85.
This beginning course is designed to teach basic food safety principles of personal and institutional sanitation.

MERCED
9092 TTh 02:00p-03:50p Hobbs J VOC-38
Section 9092 is held from 09/15/16 to 10/14/16.
The ServSafe Manager exam is administered for this course.

NUTR-45 INTRODUCTION TO THERAPEUTIC DIETS
2 units: 2 hours lecture.
Advisory: ENGL-85.
This course is designed to acquaint students with therapeutic and modified diets used in health care facilities.

ONLINE/HYBRID
2913 HYBRID Pecchenino M
Section 2913 is held 08/15/16 to 10/14/16.
CONTACT: For course-specific questions contact the professor of the class pecchenino.m@mccd.edu.
MANDATORY: ORIENTATION - Friday, August 19, 2016; 09:00a-09:50a; VOC-113.
IN-CLASS SESSION: September 16, 2016; 09:00a-09:50a; VOC-113.
COMMENTS: Remaining hours will be held on-line.

NUTR-50 BAKING BASICS AND BUSINESS
1.5 units: 1 hour lecture, 1.5 hours lab.
Advisory: MATH-91.
This course is designed to introduce basic bakery production. With the growing interest and demand in the food industry it is imperative that students are introduced to basics of food safety practices, quantifying recipes and understand the business sense to provide a quality product.

MERCED
9148 MW 05:30p-07:50p Saewert B VOC-142
Section 9148 is held from 08/15/16 to 10/14/16.

PHILOSOPHY (PHIL)

PHIL-01 INTRODUCTION TO PHILOSOPHY
(CSU breadth area C2) (IGETC area 3B) (C-ID PHIL 100) 3 units: 3 hours lecture.
Prerequisites: ENGL-85, Advisory: ENGL-01A.
This course introduces philosophical ideas and methods concerning self-identity, knowledge, reality and values.

MERCED
1405 TTh 12:30p-01:45p Hicks T IAC-142
1521 MWF 09:00a-09:50a Hallman M IAC-109

PHIL-01H HONORS INTRODUCTION TO PHILOSOPHY
(CSU breadth area C2) (IGETC area 3B) (C-ID PHIL 100) 3 units: 3 hours lecture.
Limitation on enrollment: Enrollment in the Honors program.
Prerequisite: ENGL-01A
This course introduces philosophical ideas and methods concerning self-identity, knowledge, reality and values.

MERCED
1556 MWF 09:00a-09:50a Hallman M IAC-109
PHIL-01H is offered only in the Fall semester.

PHIL-02 SOCIAL AND POLITICAL PHILOSOPHY
3 units: 3 hours lecture.
Prerequisites: ENGL-85, Advisory: ENGL-01A.
This course examines philosophical issues concerning the nature of society and justifications for the authority of government.

MERCED
1407 TTh 11:00a-12:15p Hallman M IAC-109

PHIL-05 CONTEMPORARY ETHICAL ISSUES
(CSU breadth area C2) (IGETC area 3B) (C-ID PHIL 120) 3 units: 3 hours lecture.
Prerequisites: ENGL-85, Advisory: ENGL-01A.
This course examines the concept of morality and values, representative ethical theories, and their application to contemporary ethical issues such as capital punishment, abortion, war, animal rights and economic justice.

MERCED
1408 TTh 09:30a-10:45a Law K IAC-146

PHIL-10 CRITICAL THINKING
(CSU breadth area A3) [CILC area G] 3 units: 3 hours lecture.
Advisory: MATH-91.
Prerequisites: ENGL-85, Advisory: ENGL-01A.
This is a practical course in sound and logical reasoning. The focus of this course is to develop the abilities to analyze, to criticize, and to reach reasoned conclusions.

MERCED
1406 MWF 01:00p-01:50p Hallman M IAC-109
1459 TTh 08:00a-09:15a Hicks T IAC-145
1811 TTh 02:00p-03:15p Law K IAC-109
1814 MW 03:00p-04:15p Barnes L VOC-9
1950 MWF 10:00a-11:15a Hicks T IAC-146
6041 W 05:30p-08:20p Barnes L IAC-146
9012 TTh 03:30p-05:20p Hicks T ACH-129
Section 9012 is held from 10/17/16 to 12/16/16.

LOS BANOS
8647 Th 07:00p-09:50p Catrina D LB-B-107

PHIL-12 INTRODUCTION TO LOGIC
(CSU breadth area A3) (C-ID PHIL 110) 3 units: 3 hours lecture.
Prerequisites: ENGL-85, Advisory: ENGL-01A.
This course introduces the study of valid reasoning with emphasis on deductive logic. Informal fallacies and the scientific method are also covered.

MERCED
1120 MWF 09:00a-09:50a Hicks T IAC-146
1457 TTh 09:30a-10:45a Hicks T IAC-145
PHIL-13 CRITICAL REASONING AND WRITING (ALSO: ENGL-13)  
(CSU breadth area A3)  (IGETC area 1B)  [CILC area G]  
3 units: 3 hours lecture.  
Prerequisite: ENGL-01A.
This course offers instruction in argumentative and critical writing, critical thinking, research strategies, information literacy, and proper documentation.

MERCED
1012 WC TTh 08:00a-09:15a Fries M VOC-139
1413 WC TTh 09:30a-10:45a Daughdrill J ART-2
1670 WC TTh 09:30a-10:45a Rempel D VOC-110
1672 WC TTh 11:00a-12:15p McBride J VOC-110
1671 WC TTh 02:00p-03:15p Rempel D VOC-110
1709 WC MWF 08:00a-08:50a Epstein-Corbin S VOC-110
1673 WC MWF 11:00a-11:50a Barba M VOC-110
1674 WC MWF 02:00p-02:50p Fries M ART-2
1872 MW 03:30p-04:45p Law K IAC-109
6059 WC M 05:30p-08:20p White M VOC-110
6440 W 07:00p-09:50p Law K IAC-109

LOS BANOS
4647 WC MW 12:30p-01:45p Chavez C LB-B-134
4649 WC F 09:00a-11:50a Barnes L LB-B-110

PHIL-15 COMPARATIVE RELIGIONS  
(CSU breadth area C2)  (IGETC area 3B)  
3 units: 3 hours lecture.  
Advisory: ENGL-01A.
This course surveys the historical background and fundamental philosophical concepts of the major religions of the world, including Hinduism, Buddhism, Shinto, Confucianism, Judaism, Christianity, Islam, and some typical basic religions.

MERCED
1740 TTh 12:30p-01:45p Law K IAC-109

PHOTOGRAPHY (PHOT)  
PHOT-10A INTRODUCTION TO PHOTOGRAPHY  
3 units: 2 hours lecture, 3 hours lab.  
Advisory: ENGL-85.
Introduction to Photography covers camera and darkroom principles of black and white photography.  
PHOT-10A requires that students provide their own 35mm SLR film camera and film.

MERCED
1765 MW 08:00a-10:15a Sousa J ART-8
6062 M 05:10p-07:00p Sousa J ART-8

PHOT-11A INTRODUCTION TO THE DIGITAL CAMERA  
[CILC area A,B]  
3 units: 2 hours lecture, 3 hours lab.  
Advisory: AOM-50A; ENGL-85.
This course introduces students to the creative use of digital cameras through lectures, hands-on experience and computer use.  
PHOT-11A requires that students provide their own DSLR camera or point and shoot digital camera and pay a $40 materials fee.

MERCED
1885 TTh 10:30a-12:45p Gwartney J ART-8
6007 W 05:10p-07:00p Gwartney J ART-8

PHYSICAL EDUCATION (PHED)  
PHED-10H WALKING FOR CARDIOVASCULAR CONDITIONING AND FLEXIBILITY  
1 units 3 hours lab.  
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.
This course is designed to improve cardiovascular efficiency, flexibility and strength through the use of walking and related activities.

MERCED
4665 TTh 08:00a-09:15a Gomes A LB-B-106
Section 4665 orientation will be held in LB-B-106; all other class meetings will be held off campus at Oliveira Park; corner of Ortigaleta and Cardoza; Los Banos.

PHYSICAL SCIENCE (PHSC)  
PHSC-01 INTRODUCTION TO PHYSICAL AND EARTH SCIENCE  
(CSU breadth area B1)  (IGETC area 5A)  
3 units: 3 hours lecture.  
Advisories: ENGL-85; MATH-81.
This is an introductory course presenting the nature of physical, earth, and space sciences and their relationship to other areas of scientific knowledge.

MERCED
1658 MWF 12:00p-12:50p Staff SCI-111
1659 MWF 02:00p-02:50p Staff SCI-111
1660 TTh 02:00p-03:15p Putnam R SCI-111

PHSC-01L INTRODUCTION TO PHYSICAL AND EARTH SCIENCE LABORATORY  
(CSU breadth areas B1/B3)  (IGETC area 5C)  
1 unit: 3 hours lab.  
One-way corequisite: PHSC-01. Advisories: ENGL-85; MATH-81
This introductory laboratory is designed to provide hands-on exploration in parallel with topics covered in the lecture course, PHSC-01. Emphasis will be placed on 1) classical science experimentation, 2) laboratory activities in the real world, and 3) support of the laboratory activities through use of modern technologies.

MERCED
1966 T 11:00a-01:50p Putnam R SCI-105

PHSC-02 SURVEY OF CHEMISTRY AND PHYSICS  
(C-ID PHYS 140)  
3 units: 3 hours lecture.  
Prerequisite: MATH-81. Advisory: ENGL-85.
An investigation of basic principles of physics and chemistry including matter, physical and chemical properties, energy, motion, light, atomic structure, bonding, solutions and chemical reactions.

MERCED
1593 TTh 08:00a-09:15a Staff SCI-110

PHSC-02L SURVEY OF CHEMISTRY AND PHYSICS LABORATORY  
(C-ID PHYS 140)  
1 unit: 3 hours lab.  
This introductory laboratory is designed to provide a hands-on exploration in parallel with the topics covered in the introduction to Survey of Chemistry and Physics lecture course - Physical Science 2.

MERCED
1596 W 08:00a-10:50a Staff SCI-105
**PHYSICS (PHYS)**

**PHYS-02A GENERAL PHYSICS I**  
(CSU breadth area B1/B3) (IGETC area 5A/5C)  
4 units: 3 hours lecture, 3 hours lab.  
Prerequisite: MATH-02 or MATH-02H; or MATH-25 and MATH-26.  
Advisory: ENGL-85.  
This course is intended for students other than physics and engineering majors.

**MERCED**

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<td>TTh 11:00a-12:15p</td>
<td>Pourtarvirdi Z</td>
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**PHYS-02B GENERAL PHYSICS II**  
(CSU breadth area B1/B3) (IGETC area 5A/5C) (C-ID PHYS 110)  
4 units: 3 hours lecture, 3 hours lab.  
Prerequisite: PHYS-02A. Advisory: ENGL-85.  
PHYS-02B is a continuation of PHYS-02A with emphasis on electricity, magnetism, radiation, relativity, atomic and nuclear processes, astrophysics, cosmology, and a look toward the future.

**MERCED**

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**PHYS-04A PHYSICS I**  
(C-ID PHYS 205/200S) (CSU breadth area B1/B3) (IGETC area 5A/5C)  
4 units: 3 hours lecture, 3 hours lab.  
Prerequisite: MATH-04A. Advisory: ENGL-85; MATH-04B.  
This course is a calculus-based physics course intended for physics and engineering majors as well as some chemistry and math majors.

**MERCED**

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**PHYS-04B PHYSICS II**  
(C-ID PHYS 210/200S) (CSU breadth area B1/B3) (IGETC area 5A/5C)  
4 units: 3 hours lecture, 3 hours lab.  
Prerequisites: PHYS-04A. One-way corequisite: MATH-04B. Advisory: ENGL-85.

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**POLITICAL SCIENCE (POSC)**

**POSC-01 ESSENTIALS OF AMERICAN POLITICAL SYSTEM**  
(CSU breadth area D/F2) (IGETC area 4)  
3 units: 3 hours lecture.  
Advisory: ENGL-85.  
This course will introduce students to institutions of American national government, the American political system, and California state and local government.

**ONLINE/HYBRID**

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**PLANT SCIENCE (PLSC)**

**PLSC-10 ELEMENTS OF PLANT SCIENCE**  
(C-ID AG - PS 106L ) (CSU breadth area B2/B3) (IGETC area 5B/5C)  
3 units: 2 hours lecture, 3 hours lab.  
Advisories: ENGL-85; MATH-80.

**MERCED**

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**PLSC-13 ECONOMIC ENTOMOLOGY**  
3 units: 3 hours lecture.  
Advisories: ENGL-85; MATH-80 or MATH-85.  
This course will cover insects and mites of economic importance to agriculture.

**MERCED**

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**CONTACT:** jennifer.gardner@mccd.edu

**CONTACT:** jennifer.gardner@mccd.edu
**PSYCHOLOGY (PSYC)**

**PSYC-01A INTRODUCTION TO PSYCHOLOGY**

(C-ID PSY 110) (CSU breadth area D) (IGETC area 4)

3 units: 3 hours lecture.

Advisor: ENGL-85.

PSYC-01A is a survey course designed to provide an introduction to the facts and theories underlying human behavior.

**ONLINE/HYBRID**

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**PSYC-01B INTRODUCTION TO PSYCHOLOGICAL RESEARCH METHODS**

(C-ID PSY 200)

3 units: 3 hours lecture.

Prerequisite: PSYC-01A or PSYC-01AH; MATH-10 or PSYC-05.

Advisor: ENGL-85.

This course reviews psychological methods of research. Attention will be focused on foundations of experimental design, procedures and methodology for collecting research data, and techniques used to analyze, report, and present findings in APA format.

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**PSYC-05 INTRODUCTION TO STATISTICS IN PSYCHOLOGY**

(C-ID SOC 125, MATH 110) (CSU breadth area B4) (IGETC area 2)

3 units: 3 hours lecture.

Prerequisite: MATH-C. Advisory: ENGL-01A.

The theory of parametric and nonparametric statistical methods and their application to psychological data.

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**PSYC-09 HUMAN DEVELOPMENT (ALSO: CLDV-09)**

(C-ID PSY 180) (CSU breadth area E)

3 units: 3 hours lecture.

Advisor: ENGL-85.

This course is an introduction to the scientific study of human development from conception through death. It examines the interplay of biological, psychological, social, and cultural forces on the developing human being.

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**PSYC-22 HUMAN SEXUALITY**

(C-ID PSY 130) (CSU breadth area D/E) (IGETC area 4)

3 units: 3 hours lecture.

Advisor: ENGL-85.

This course explores the psychology of human sexuality. Psychological, biological, and sociocultural research is presented concerning all aspects of human sexuality in contemporary society.

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**PSYC-23 PERSONAL AND SOCIAL ADJUSTMENT**

(C-ID PSY 115) (CSU breadth area D/E) (IGETC area 4)

3 units: 3 hours lecture.

Advisor: ENGL-85.

This course examines personality factors as they relate to the problems of growth and adjustment.

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**PSYC-25 INTRODUCTION TO ABNORMAL PSYCHOLOGY**

(C-ID PSY 120) (CSU breadth area D/E) (IGETC area 4)

3 units: 3 hours lecture.

Advisor: ENGL-85.

This course is designed to provide the student with an understanding of abnormal behavior as delineated in the "Diagnostic and Statistical Manual of Mental Disorders."

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RADIOLOGIC TECHNOLOGY, DIAGNOSTIC (RADT)

RADT-10 INTRODUCTION TO RADIOLOGIC SCIENCES AND HEALTH CARE
[CILC Areas A,B,C,D,E,F,G]
4 units: 3 hours lecture, 3 hours lab.
Limitation on enrollment: Enrollment in the Diagnostic Radiologic Technology Program; Student supplied criminal background and drug screening clearances; physical evaluation within the last 6 months; negative TB screening or chest x-ray report with the last 6 months; current inoculations; annual flu vaccination; current CPR.
Prerequisites: ALLH-67; RADT-50.
This course provides an overview of the foundations of radiography and the practitioner’s role in the health care delivery system.
MERCED
1071 M 08:00a-01:50p Lang K AHC-148

RADT-11 RADIOLOGIC PROCEDURES I
4 units: 3 hours lecture, 3 hours lab.
Limitation on enrollment: Enrollment in the Diagnostic Radiologic Technology Program; Minimum of 2.75 GPA in prerequisite courses.
Prerequisite: BIOL-16; ENGL-01A. Advisory: BIOL-18.
This course is designed to provide the knowledge base necessary to perform standard imaging as it relates to radiographic anatomy and positioning of the thoracic viscera, abdomen, upper extremities, shoulder girdle, lower extremities, hip & pelvis and upper gastrointestinal tract.
MERCED
1035 T 08:00a-10:50a Donnelly S AHC-148
& T 12:00p-02:50p Donnelly S AHC-150
1055 T 08:00a-10:50a Donnelly S AHC-148
& W 12:00p-02:50p Donnelly S AHC-150

RADT-15A RADIOLOGIC PROCEDURES III
1 units: .50 hours lecture, 1.5 hours lab.
Limitation on enrollment: Enrollment in the Diagnostic Radiologic Technology Program.
This course is designed to provide a knowledge base necessary to perform standard radiographic procedures of the cranial, facial bones and paranasal sinuses.
MERCED
9273 Th 10:00a-01:50p Donnelly S AHC-148
Section 9273 is held from 08/18/16 to 10/13/16.

RADT-15B CLINICAL EDUCATION III
5.5 units: 17 hours TBA lab (306 total TBA hours).
Limitation on enrollment: Enrollment in the Diagnostic Radiologic Technology Program.
This course provides continued clinical experience for application of theoretical principles and concepts covered in previous and current didactic coursework.
MERCED
1462 306 hours by arrangement. Donnelly S HOSP

RADT-15C ADVANCED RADIOLOGIC PROCEDURES I
2 units: 2 hours lecture.
Limitation on enrollment: Enrollment in the Diagnostic Radiologic Technology Program.
This course covers advanced radiographic procedures of vascular and non-vascular procedures and interventional radiology.
MERCED
9145 Th 10:00a-02:15p Donnelly S AHC-148
Section 9145 is held from 10/20/16 to 12/15/16.

RADT-15D RADIOGRAPHIC PATHOLOGY
1.5 units: 1.5 hours lecture.
Limitation on enrollment: Enrollment in the Diagnostic Radiologic Technology Program.
The course introduces concepts related to disease and etiological consideration with emphasis on radiographic appearance of disease and impact on exposure factor selection.
MERCED
1461 Th 08:00a-09:15a Lang K AHC-148

RADT-18A INTEGRATIVE STUDY IN RADIOGRAPHY
2 units: 2 hours lecture.
Limitation on enrollment: Enrollment in the Diagnostic Radiologic Technology Program.
This course covers a comprehensive analysis and assessment of all previous radiography instructional coursework in preparation for writing the national registry examination (ARRT). Job market readiness skills will also be presented.
MERCED
1121 WC W 09:00a-10:50a Lang K AHC-148

RADT-18B ADVANCED CLINICAL EDUCATION III
9 units: 486 total TBA hours lab.
Limitation on enrollment: Enrollment in the Diagnostic Radiologic Technology Program.
This course provides clinical experience for reapplication of theoretical principles and concepts covered in previous and current didactic coursework.
MERCED
1697 486 hours by arrangement Lang K HOSP

RADT-18C SECTIONAL ANATOMY
1 unit: 1 hour lecture.
Limitation on enrollment: Enrollment in the Diagnostic Radiologic Technology Program.
This course covers an introduction to sectional anatomy. Emphasis will be placed on the major anatomic structures normally seen in axial sections with some coronal and sagittal sections included.
MERCED
1817 W 08:00a-08:50a Donnelly S AHC-148

RADT-50 CAREER EXPLORATION IN MEDICAL IMAGING
1 unit: 54 TBA total hours lab.
Limitation on enrollment: Negative TB screening test or chest x-ray (within last 6 months); some facilities may require criminal background and drug screening clearances; some facilities may require current immunizations. Advisories: ALLH-67; BIOL-16.
This course allows students to sample an experience in a medical imaging setting in order to enhance their understanding of the challenges and opportunities in considering a career in diagnostic medical imaging.
1151 54 hours by arrangement Donnelly S HOSP
Section 1151 requires a mandatory orientation.
Go to http://www.mccd.edu/alliedhealth/ for complete information.
MERCED COLLEGE

READ 80 FOUNDATIONS IN READING II

4 units: 3 hours lecture, 3 hours lab.
Prerequisite: ENGL-90. Advisory: Concurrent enrollment in ENGL-83.
This course is designed to improve basic reading skills, primarily comprehension. This course also includes assignments in a computer-based setting to practice and enhance reading skills, including individualized instruction and assistance.

MERCED

1046 MWF 10:00a-10:50a White A IAC-122
MWF 11:00a-11:50a White A IAC-124
1262 MWF 12:00p-12:50p Johnston J IAC-122
MWF 01:00p-01:50p Johnston J IAC-139
1274 WC MW 03:30p-04:45p Ferrell D IAC-122
MW 05:00p-06:15p Ferrell D IAC-139
1276 WC TTh 09:30a-10:45a Huntington P IAC-122
TTh 11:00a-12:15p Huntington P IAC-139
Section 1276 is a Learning Community with ENGL-83-1281.
1825 MWF 08:00a-08:50a Thatcher K ART-2
MWF 09:00a-09:50a Thatcher K IAC-139
1848 WC TTh 12:30p-01:45p Ferrell D ART-2
TTh 02:00p-03:15p Ferrell D IAC-139
1871 TTh 02:00p-03:15p Alvernaz B IAC-122
TTh 03:30p-04:45p Alvernaz B IAC-139

LOS BANOS

4391 WC TTh 09:30a-10:45a Long J LB-B-135
TTh 11:00a-12:15p Long J LB-A-110
8391 WC TTh 05:30p-06:45p Cates K LB-B-135
TTh 07:00p-08:15p Cates K LB-A-110

READ 81 FOUNDATIONS IN READING III

4 units: 3 hours lecture, 3 hours lab.
Prerequisite: READ-80. Advisory: Concurrent enrollment in ENGL-84.
This course is designed to improve a variety of reading comprehension skills and critical reading/thinking skills.

MERCED

1266 MW 02:00p-03:15p Withers M IAC-122
MW 03:30p-04:45p Withers M IAC-139
1261 MW 03:00p-04:15p Thatcher K ART-2
MW 04:30p-05:45p Thatcher K IAC-139
1019 WC MW 09:00a-09:50a Fries M IAC-122
MW 08:00a-08:50a Fries M IAC-139
1034 MW 09:00a-09:50a Brown G ART-2
MW 08:00a-08:50a Brown G IAC-139
1037 MWF 10:00a-10:50a Johnston J AHC-129
MW 11:00a-11:50a Johnston J IAC-139
1056 MWF 11:00a-11:50a Brown G ART-2
MW 12:00p-12:50p Brown G IAC-139
1210 WC MWF 11:00a-11:50a Fries M IAC-122
MW 12:00p-12:50p Fries M IAC-139
1260 WC MWF 01:00p-01:50p Ortiz K VOC-139
MW 02:00p-02:50p Ortiz K IAC-139
1269 TTh 08:00a-09:15a Taylor C ART-2
TTh 09:30a-10:45a Taylor C IAC-139
1270 TTh 08:00a-09:15a Taber J IAC-122
TTh 09:30a-10:45a Taber J IAC-139
1271 TTh 11:00a-12:15p Withers M ART-2
TTh 12:30p-01:45p Withers M IAC-139
1273 WC TTh 11:00a-12:15p Daughdrill J IAC-122
SI TTh 12:30p-01:15p Daughdrill J IAC-139

REAL ESTATE (REAL)

REAL 42 REAL ESTATE PRINCIPLES

3 units: 3 hours lecture.
Advisories: ENGL-85; MATH-80.
This course is an analysis of principles of real estate in California, history of California real estate, property, contracts, agency, listings, real estate financing, deeds, liens and encumbrances, escrows and title insurance, land descriptions, real estate mathematics, and real estate licensing and state regulations.

MERCED

6166 M 07:00p-09:50p Rafel H AHC-128

SOCIOLOGY (SOC)

SOC 01 INTRODUCTION TO SOCIOLOGY

(C-ID SOCI 110) (CSU breadth area D) (IGETC area 4)
3 units: 3 hours lecture.
Advisories: ENGL-01A.
This course provides an introduction into what it means to be “sociologically mindful” and to think “sociologically” while understanding the difference from other ways of seeing the social world.

MERCED

1021 MWF 08:00a-08:50a Saich E VOC-8
1078 MWF 09:00a-09:50a Saich E VOC-8
1747 MWF 11:00a-11:50a Saich E IAC-109
1076 MWF 12:00p-12:50p Staff IAC-142
1829 MWF 02:00p-02:50p Staff IAC-142
1803 TTh 08:00a-09:15a Saich E VOC-9
1940 TTh 02:00p-03:15p Blauert C IAC-142
6052 T 07:00p-09:50p Blauert C IAC-142
6054 Th 07:00p-09:50p Staff IAC-142
6674 TTh 05:30p-06:45p Staff IAC-142

LOS BANOS

4731 TTh 02:00p-03:15p Coahran S LB-B-107

DOS PALOS

7951 Th 06:00p-08:50p Sanchez G DPHS
Section 7951 is held at Dos Palos High School; 1701 E. Blossom St. Room 14; Dos Palos
SONO-02 CONTEMPORARY SOCIAL PROBLEMS  
(C-ID SOCI 115)  
3 units: 3 hours lecture.  
Advisories: ENGL-01A.  
SOC-02 introduces fundamental theories and methodologies employed in the study of contemporary social problems.  

LOS BANOS  
4735  MW  12:30p-01:45p  Coahran S  LB-B-107

SOIL SCIENCE (SOIL)  

SOIL-10 SOIL SCIENCE  
(CSU breadth area B1/B3)  
(IGETC area 5A/5C)  
3 units: 2 hours lecture, 3 hours lab.  
Advisories: ENGL-85, MATH-80 or MATH-85.  
This course provides a basic knowledge of the physical, chemical, and biological properties of soils and their characteristics.  

MERCEDE  
1045 WC  TTh  08:00a-10:15a  Bell S  PS-1  
1900 WC  TTh  01:00p-03:15p  Bell S  PS-1  
6022 WC  W  05:10p-10:00p  Bell S  PS-1

SONOGRAPHY, DIAGNOSTIC MEDICAL (SONO)  

SONO-40 BASIC ULTRASOUND PHYSICS  
[CILC area B]  
1.5 units: 18 total hours lecture, 27 total hours lab.  
Limitation on enrollment: Enrollment in the Diagnostic Medical Sonography program. Prerequisites: ENGL-01A; MATH-C; PHYS-10 or RADT-13.  
This course covers the basic principles and terminology of diagnostic ultrasound physics to include: a review of mathematical skills, transducers, beam dynamics and instrumentation.  

MERCEDE  
1896 TTh  09:00a-09:50a  Zelinsky C  AHC-157  
& Th  10:00a-11:15a  Zelinsky C  AHC-157

SONO-41 INTRODUCTION TO SONOGRAPHY  
[CILC area A,B,D,E,G]  
1.5 units: 18 total hour lecture, 27 total hours lab.  
Limitation on enrollment: Completion of a two-year Allied Health program that is patient-care related, such as radiologic technology, registered nursing, respiratory therapist, physical therapy, associate degree-licensed vocational nurse, or a baccalaureate degree in biological sciences with patient care experience; minimum cumulative GPA of 2.35 in prerequisite course work; enrollment in the Diagnostic Medical Sonography Program. Prerequisite: ALLH-67; BIOL-16, BIOL-18; ENGL-01A or COMM-01.  
This course is an overview of diagnostic medical sonography and its role in health care delivery. Students will be oriented to the academic and administrative structure of the program, clinical affiliates, and to the profession as a whole.  

MERCEDE  
1896 WC  Th  09:00a-09:50a  Zelinsky C  AHC-157  
& Th  10:50a-11:15a  Zelinsky C  AHC-157

SPANISH (SPAN)  

SPAN-01 ELEMENTARY SPANISH I  
(C-ID SPAN 100)  
(CSU breadth area C2)  
(IGETC area 6)  
5 units: 5 hours lecture.  
Advisory: ENGL-84.  
This course will focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency. This course is not recommended for native speakers – native speakers should enroll in SPAN-10.  

MERCEDE  
1106 WC  DAILY  08:00a-08:50a  Colomer-Flores M  IAC-108  
1420 WC  DAILY  09:00a-09:50a  Sobalvarro N  ART-7  
1657 WC  DAILY  11:00a-11:50a  Colomer-Flores M  IAC-108  
1945 WC  DAILY  12:00p-12:50p  Sobalvarro N  IAC-108  
1965 WC  T/W  03:30p-04:55p  Garcia Diaz M  IAC-146  
6220 WC  MTTh  05:30p-06:55p  Allen M  IAC-145  
6023 WC  TTh  07:00p-09:15p  Estrada A  IAC-121

LOS BANOS  
4747 WC  TTh  10:00a-12:15p  Cortes S  LB-B-112  
4749 WC  TTh  02:00p-04:15p  Cortes S  LB-B-112  
8747 WC  MW  05:30p-07:45p  Wynne C  LB-B-112

DELHI  
7735 WC  TTh  03:45p-06:00p  Pena A  DELH-15  
Section 7735 is held at Delhi High School; Build I, Room 5; 16881 West Schendel Avenue; Delhi.

SPAN-02 ELEMENTARY SPANISH II  
(CSU breadth area C2)  
(IGETC area 3B/6)  
5 units: 5 hours lecture.  
Prerequisite: SPAN-01 or two years of high school Spanish.  
SPAN-02 is the continuation of SPAN-01. This course will focus on the further development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency.  

MERCEDE  
1417 WC  DAILY  01:00p-01:50p  Kreide C  ART-7  
1418 WC  MWF  09:30a-10:55a  Colomer-Flores M  IAC-108

SPAN-03 INTERMEDIATE SPANISH  
(C-ID SPAN 200)  
(CSU breadth area C2)  
(IGETC area 3B/6)  
5 units: 5 hours lecture.  
Prerequisite: SPAN-02 or SPAN-11. Advisory: LRNR-30.  
SPAN-03 is the continuation of SPAN-02 and SPAN-11. This course reviews and further develops grammatical concepts introduced in Spanish-02 and SPAN-11, as well as introduces the student to the remaining major linguistic concepts of the language.  

MERCEDE  
1397 WC  MWF  10:00a-11:25a  Kreide C  ART-4

SPAN-10 SPANISH FOR SPANISH SPEAKERS I  
(C-ID SPAN 220)  
(CSU breadth area C2)  
(IGETC area 3B/6)  
5 units: 5 hours lecture.  
Prerequisite: SPAN-02 or the equivalent. Advisory: LRNR-30.  
This course is designed for native and heritage speakers, as well as other linguistically qualified students, whose formal training in the language is not complete.  

MERCEDE  
1424 DAILY  10:00a-10:50a  Sobalvarro N  ART-7  
6441 TTh  05:30p-07:45p  Garcia Diaz M  IAC-108

LOS BANOS  
8759 TTh  05:30p-07:45p  Staff  LB-B-112
### FALL 2016 CLASSES

#### MERCED COLLEGE

**STUDENT GOVERNMENT (STGV)**

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<tr>
<th>Course Code</th>
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<th>Units</th>
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**STUDENT GOVERNMENT (STGV)**

- **STGV-33A STUDENT GOVERNMENT I**
  - 2 units: 1 hour lecture, 3 hours lab.
  - Advisory: ENGL-85.
  - This course surveys the theory and practice of parliamentary law, committee techniques, and democratic organization.

- **STGV-33B STUDENT GOVERNMENT II**
  - 2 units: 1 hour lecture, 3 hours lab.
  - Prerequisite: STGV-33A. Advisory: ENGL-85.
  - This course is a continuation of STGV-33A.

- **STGV-33C STUDENT GOVERNMENT III**
  - 2 units: 1 hour lecture, 3 hours lab.
  - Prerequisite: STGV-33B. Advisory: ENGL-85.
  - This is the third of four sequential STGV courses.

**TUTORIAL (TUTR)**

- **TUTR-35 TUTORIAL SEMINAR**
  - 1 unit: 3 hours lab.
  - Advisory: ENGL-85.
  - This course is designed to provide tutors in the Merced College Tutorial program with an opportunity to explore their experiences in the program more fully.

**VIRTUAL OFFICE (VIRT)**

- **VIRT-51 SOCIAL MEDIA**
  - 3 units: 3 hours lecture.
  - The student will learn how to use social media tools (for example, Twitter, blogs, Facebook Pages, LinkedIn, Google+, Youtube) effectively for a business setting.

- **VIRT-53 EFFECTIVE BLOGGING**
  - .50 unit: 1/2 hour lecture.
  - Limitation on enrollment: Enrollment is limited by technology and number of work stations. Advisories: AOM-50A.
  - This course focuses on creating effective content for a blog site, how to understand the blogosphere and how to set up a blog to connect with the ONLINE world.

**ONLINE/HYBRID**

- **2902 ONLINE**
  - Flatt, S
  - This course focuses on creating effective content for a blog site, how to understand the blogosphere and how to set up a blog to connect with the ONLINE world.

**VIRTUAL OFFICE**

- **VIRT-51 SOCIAL MEDIA**
  - 3 units: 3 hours lecture.
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**VIRTUAL OFFICE**

- **VIRT-51 SOCIAL MEDIA**
  - 3 units: 3 hours lecture.
  - The student will learn how to use social media tools (for example, Twitter, blogs, Facebook Pages, LinkedIn, Google+, Youtube) effectively for a business setting.

**ONLINE/HYBRID**

- **2902 ONLINE**
  - Flatt, S
  - This course focuses on creating effective content for a blog site, how to understand the blogosphere and how to set up a blog to connect with the ONLINE world.

**VIRTUAL OFFICE**

- **VIRT-51 SOCIAL MEDIA**
  - 3 units: 3 hours lecture.
  - The student will learn how to use social media tools (for example, Twitter, blogs, Facebook Pages, LinkedIn, Google+, Youtube) effectively for a business setting.

**ONLINE/HYBRID**

- **2902 ONLINE**
  - Flatt, S
  - This course focuses on creating effective content for a blog site, how to understand the blogosphere and how to set up a blog to connect with the ONLINE world.
WATER/WASTEWATER TECHNOLOGY (WWT)

WWT-60 WATER TREATMENT PLANT OPERATIONS
3 units: 3 hours lecture.
Advisories: READ-81, ENGL-84; MATH-80.
This course is an introduction to water treatment plant operations and processes. This course prepares the student to test for state certification for water treatment plant operator grade I and II.

MERCED
6329 T 07:00p-09:50p Davidson G SCI-202

WWT-61 INTRODUCTION TO WASTEWATER TREATMENT
3 units: 3 hours lecture.
Advisories: READ-81, ENGL-84; MATH-80.
This course is an introduction to wastewater treatment plant operations and processes. It will include the study of wastewater terminology; current methods of wastewater treatment – primary, secondary, and advanced; wastewater quality; and basic wastewater mathematics.

MERCED
6330 Th 07:00p-09:50p Davidson G SCI-202

WELDING TECHNOLOGY (WELD)

WELD-06 FUNDAMENTALS OF OXY-FUEL WELDING AND SHIELDED METAL ARC WELDING (ALSO: MECH-06)
3 units: 2 hour lecture, 3 hours lab.
Advisories: READ-81, ENGL-84; MATH-80 or MATH-85.
This course emphasizes development of minimum skill standards in welding.

MERCED
9044 WC MTWTh 08:30a-10:30p Russell C PS-2
LC MTWTh 10:30a-12:05p Russell C IT-6
Section 9044 is held from 08/15/16 to 09/22/16.

9130 WC TTh 05:10p-07:00p Fishman D AG-10
& TTh 07:00p-10:00p Fishman D IT-6
Section 9130 is held from 08/16/16 to 10/13/16.

WELD-07 FUNDAMENTALS OF T.I.G. AND M.I.G. WELDING
3 units: 2 hours lecture, 3 hours lab.
Advisories: READ-81, ENGL-84; MATH-80 or MATH-85.
This course emphasizes the development of minimum skill standards in welding.

MERCED
9047 WC MTWTh 08:30a-10:30a Russell C PS-2
LC MTWTh 10:30a-04:15p Russell C IT-6
Section 9047 is held from 08/15/16 to 10/13/16.
Section 9047 includes a 30 minute lunch break.

9131 WC MW 05:00p-08:50p Regalo R PS-2
& MW 08:50p-10:05p Regalo R IT-6
Section 9131 is held from 08/15/16 to 10/12/16.

WELD-40A INTRODUCTION WELDING DESIGN AND CONSTRUCTION
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: WELD-07. One-way corequisite: MATH-85. Advisories: READ-81, ENGL-84.
This course covers basic metal fabrication skills as well as the design and construction of special industrial and agricultural equipment.

MERCED
9124 WC MTWTh 08:30a-10:30a Russell C PS-2
LC MTWTh 10:30a-04:15p Russell C IT-6
Section 9124 is held from 10/17/16 to 11/03/16.
Section 9124 includes a 30 minute lunch break.

9132 WC MW 05:10p-07:00p Staff PS-2
& MW 07:00p-10:00p Staff IT-6
Section 9132 is held from 10/17/16 to 12/14/16.

WELD-40B ADVANCED WELDING DESIGN AND CONSTRUCTION
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: WELD-40A. Advisories: READ-81, ENGL-84.
This course is a continuation of WELD 40A. It covers basic and advanced metal fabrication skills as well as the design and construction of special agricultural and industrial equipment.

MERCED
9127 WC MTWTh 08:30a-10:30a Russell C PS-2
LC MTWTh 10:30a-04:15p Russell C IT-6
Section 9127 is held from 11/07/16 to 11/28/16.
Section 9127 includes a 30 minute lunch break.

9423 WC MTWTh 08:30a-10:30a Russell C PS-2
MTWTh 10:30a-04:15p Russell C IT-6
Section 9423 is held from 11/07/16 to 11/28/16.
Section 9423 includes a 30 minute lunch break.

WELD-46 ADVANCED ARC WELDING PROCEDURES
1 unit: 3 hours lab.
Advisories: MATH-80 or MATH 85; WELD-06 or MECH-06, WELD-07.
This course is designed to emphasize the skills and techniques of Shielded Metal Arc Welding, Gas Metal Arc Welding, Gas Tungsten Arc Welding, Air Carbon Arc Cutting and Oxyacetylene flame cutting as related to pipe and structural members.

MERCED
9128 WC MTWTh 08:30a-10:30a Russell C PS-2
LC MTWTh 10:30a-04:25p Russell C IT-6
Section 9128 is held from 11/29/16 to 12/08/16.
Section 9128 includes a 30 minute lunch break.

9424 WC MTWTh 08:30a-10:30a Russell C PS-2
MTWTh 10:30a-04:15p Russell C IT-6
Section 9424 is held from 11/29/16 to 12/08/16.
Section 9424 includes a 30 minute lunch break.
MERCED COLLEGE
209.384.6000

HONORS

TAKE THE HONORS CHALLENGE!
Enrollees in the Honors Program are incoming high school graduates with a minimum high school GPA of 3.5 and continuing college students with a minimum college GPA of 3.25. Students may also be admitted into Honors classes by successfully completing the challenge process.

These classes are open to all students enrolled in the Honors Program. To enroll in the Honors Program, complete an enrollment form and have it signed by any counselor. Merced Campus counselors are located on the 2nd floor of the Lesher Student Services Center. Los Banos students please call (209) 381-6413 for information at the Los Banos Campus. (All counselors have forms.)

For further information about the Honors Program, please call Dr. Max Hallman, Honors Program Coordinator, at (209) 384-6327.

COMMUNICATIONS STUDIES (COMM)
COMM-01H HONORS FUNDAMENTALS OF SPEECH
(C-ID COMM 110) (CSU breadth area A1)
(IGETC area 1C - CSU only)
3 units: 3 hours lecture.
Limitation on enrollment: Enrollment in the Honors Program. See the college catalog for a description of admission requirements. Prerequisite: ENGL-85.
This course is designed to instruct students in the fundamentals of composing, preparing and presenting speeches in front of audiences.

MERCED
1772 MWF 10:00a-10:50a Bonstein J IAC-109
COMM-01H is offered only in the Fall semester.

HISTORY (HIST)
HIST-17AH HONORS UNITED STATES HISTORY AND UNITED STATES CONSTITUTION
(CSU breadth area C2/D/F1/F2) (IGETC area 3B/4)
3 units: 3 hours lecture.
Limitation on enrollment: Enrollment in the Honors Program. (See the college catalog for a description of enrollment requirements.)
This course covers the social, political, economic and constitutional development of the nation.

MERCED
1914 TTh 09:30a-10:45a Lorenz M AHC-129
HIST-17AH is offered only in the Fall semester.

HONORS (HNRS)
HNRS-40A HONORS SEMINAR: THE 60'S EXPERIENCE
2 units: 2 hours lecture.
Limitation on enrollment: Enrollment in the Honors Program.
This course will focus on the in-depth discussion and analysis of the philosophy, politics, and music of the 1960’s.

MERCED
1442 T 02:00p-03:50p Hallman M ART-7

HUMANITIES (HUM)
HUM-01H HONORS STUDIES IN HUMANITIES -- ANCIENT THROUGH RENAISSANCE
(CSU breadth area C2) (IGETC area 3B)
3 units: 3 hours lecture.
Limitation on enrollment: Enrollment in the Honors Program. See the college catalog for a description of enrollment requirements.
Prerequisite: ENGL-85. Advisory ENGL-01A.
The principal aim of this course is to examine human existence and cultural endeavor from the earliest ancient civilizations through the Renaissance.

MERCED
1997 MW 02:00p-03:15p Kahlert S IAC-106

PHILOSOPHY (PHIL)
PHIL-01H HONORS INTRODUCTION TO PHILOSOPHY
(CSU breadth area C2) (IGETC area 3B) (C-ID PHIL 100)
3 units: 3 hours lecture.
Limitation on enrollment: Enrollment in the Honors program.
Prerequisite: ENGL-01A.
This course introduces philosophical ideas and methods concerning self-identity, knowledge, reality and values.

MERCED
1556 MWF 09:00a-09:50a Hallman M IAC-109
PHIL-01H is offered only in the Fall semester.
PUENTE LEARNING PROJECT

The mission of the Puente Project is to increase the number of educationally under-served students who transfer to four-year colleges and universities, earn degrees, and return to the community as leaders and mentors to future generations. Puente is open to all interested students. Puente students take writing, reading, and guidance courses over two semesters. These classes provide a supportive and stimulating environment for Puente students with an emphasis on developing skills necessary to transfer through an exploration of the Mexican American/Latino experience. For more information, see www.mccd.edu/puente. Students must see the Puente Project counselor, Enrique Renteria prior to registration.

Students registering for section 1763 must also register for section 1867.

ENGL-85 FOUNDATIONS IN ACADEMIC LITERACY
5 units: 4 hours lecture, 3 hours lab.
Prerequisite: READ-81 and ENGL-84
1763 WC MWF 09:15a-10:20a Piro V VOC-111
LC SI MWF 10:30a-11:20a Piro V IAC-140

GUID-30 FOUNDATIONS AND STRATEGIES FOR COLLEGE SUCCESS
(CSU breadth area E)
3 units: 3 hours lecture.
Advisory: ENGL-85.
1867 LC TTh 09:30a-10:45a Renteria E VOC-139

LEARNING COMMUNITIES

Learning Communities are pairs or clusters of courses that revolve around a theme or major. If you are interested in one of these classes you must enroll in all of the classes in that group.

For more information about Learning Communities, contact the instructor of record listed with the class.

LEARNING COMMUNITY # 1

GUID-30 FOUNDATIONS AND STRATEGIES FOR COLLEGE SUCCESS
(CSU breadth area E)
3 units: 3 hours lecture.
Advisory: ENGL-85.

LOS BANOS
4485 LC TTh 09:30a-10:45a Rodriguez L LB-B-136

ENGL-85 FOUNDATIONS IN ACADEMIC LITERACY
5 units: 4 hours lecture, 3 hours lab.
Prerequisite: READ-81 and ENGL-84

MERCED
1683 WC TTh 08:00a-09:50a Piro V IAC-120
LC MWF 08:00a-08:50a Piro V IAC-140

LEARNING COMMUNITY # 2

ATHL-03 ATHLETIC CONDITIONING
.5-2 units: 1.5-6 hours lab.
Limitation on enrollment: This is varsity athletic team conditioning course that requires coach’s or academic athletic adviser’s signature.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.

MERCED
1024 LC MTWTh 06:30a-07:45a Casey R FHA

LEARNING COMMUNITY # 3

ENGL-01A COLLEGE COMPOSITION AND READING
(C-ID ENGL 100) (CSU breadth area A2) (IGETC area 1A) [CILC area G]
4 units: 4 hours lecture.
Prerequisite: ENGL-85. Advisory: LRNR-30.

MERCED
1780 LC MW 12:00p-01:50p Kahler S IAC-106

POSC-01 ESSENTIALS OF AMERICAN POLITICAL SYSTEM
(CSU breadth area D/F2) (IGETC area 4)
3 units: 3 hours lecture.
Advisory: ENGL-85.

MERCED
1713 LC MWF 10:00a-10:50a Randall R AHC-129

LEARNING COMMUNITY # 4

GUID-30 FOUNDATIONS AND STRATEGIES FOR COLLEGE SUCCESS
(CSU breadth area E)
3 units: 3 hours lecture.
Advisory: ENGL-85.

MERCED
1200 LC MWF 02:15p-03:05p Maples I VOC-139

ENGL-01A COLLEGE COMPOSITION AND READING
(C-ID ENGL 100) (CSU breadth area A2) (IGETC area 1A) [CILC area G]
4 units: 4 hours lecture.
Prerequisite: ENGL-85. Advisory: LRNR-30.

MERCED
1982 WC TTh 01:00p-02:50p Smith V AHC-125
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| **ENGL-01A COLLEGE COMPOSITION AND READING**  
(C-ID ENGL 100) (CSU breadth area A2) (IGETC area 1A) [CILC area G]  
4 units: 4 hours lecture. Prerequisite: ENGL-85. Advisory: LRNR-30.  
**MERCED**  
1382 WC MW 02:00p-03:50p Baker W VOC-143 |
| **COMM-05 INTERPERSONAL COMMUNICATION**  
(C-ID COMM 130) (CSU breadth area A1)  
3 units: 3 hours lecture. Prerequisite: ENGL-85.  
**MERCED**  
1069 LC TTh 12:30p-01:45p Hobbs L IAC-145 |

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<th>LEARNING COMMUNITY # 6</th>
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</table>
| **ELCT-31 FOUNDATIONS OF ELECTRONICS - DC AND AC CIRCUITS**  
5 units: 3 hours lecture, 6 hours lab.  
Advisories: ENGL-86, MATH-85.  
**MERCED**  
9038 WC MTWTh 01:00p-05:05p Walls W VOC-42  
LC Section 9038 is held from 08/15/16 to 10/20/16. |
| **ELCT-40A NETWORKING FOR HOME AND SMALL BUSINESSES**  
(ALSO: CPSC-46A)  
[CILC areas A,C,E]  
3 units: 2 hours lecture, 3 hours lab.  
Advisories: ELCT-51A; ENGL-85; MATH-80 or MATH-85.  
**MERCED**  
9039 WC MTWTh 08:00a-12:05p Walls W VOC-42  
LC Section 9039 is held from 08/15/16 to 09/20/16. |
| **ELCT-41 INDUSTRIAL MOTOR AND EQUIPMENT CONTROL**  
(APPLICATIONS OF ELECTRONICS)  
3 units: 2 hours lecture, 3 hours lab.  
Advisories: ELCT-31; ENGL-85.  
**MERCED**  
9113 WC MTWTh 08:30a-11:40a Hamilton A IT-3  
LC Section 9113 is held from 11/02/16 to 12/01/16. |
| **INDT-49 ELECTRICAL CODES AND ORDINANCES**  
3 units: 3 hours lecture. Advisory: ENGL-85; MATH-80 or MATH-85.  
**MERCED**  
9112 WC MTWTh 08:00a-12:15p Hamilton A IT-3  
LC Section 9112 is held from 12/05/16 to 12/15/16. |

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| **ELCT-42A PRINCIPLES AND APPLICATIONS OF PROGRAMMABLE LOGIC CONTROLLERS**  
2 units: 1 hour lecture, 3 hours lab.  
Advisories: ELCT 34; ENGL-85.  
**MERCED**  
9094 WC MTWTh 12:45p-03:50p Nagano J IT-3  
LC Section 9094 is held from 11/07/16 to 12/15/16. |
| **ELCT-44 ELECTRONICS PROJECT DESIGN, FABRICATION AND REPAIR**  
3 units: 2 hours lecture, 3 hours lab. Prerequisites: ELCT-30 or ELCT-31. Advisories: ENGL-85.  
**MERCED**  
9086 WC MTWTh 08:00a-11:50a Walls W VOC-42  
LC Section 9086 is held from 10/31/16 to 12/08/16. |
| **INDT-25 FLUID POWER**  
3 units: 2 hours lecture, 3 hours lab.  
Advisories: ENGL-85; MATH-80 or MATH-85.  
**MERCED**  
9139 WC MTWTh 12:30p-04:05p Nagano J IT-3  
LC Section 9139 is held from 08/15/16 to 09/22/16. |
### LEARNING COMMUNITY # 8

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<th>Instructor</th>
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<td>FUNDAMENTALS OF OXY-FUEL WELDING AND SHIELDED METAL ARC WELDING (ALSO: MECH-06)</td>
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### LEARNING COMMUNITIES

- **LEARNING COMMUNITY # 8**
  - **MECH-22A DIESEL ENGINES**
    - 4 units: 2 hours lecture, 6 hours lab.
    - Advisories: ENGL-85; MATH-80.
  - **MECH-12 AGRICULTURE EQUIPMENT - FALL**
    - 3 units: 2 hours lecture, 3 hours lab.
    - Advisories: ENGL-85; MATH-80.
  - **MECH-30 EQUIPMENT MECHANICS SKILLS**
    - 2 units: 1 hour lecture, 3 hours lab.
    - Advisories: ENGL-85; MATH-80.

- **LEARNING COMMUNITY # 9**
  - **WELD-06 FUNDAMENTALS OF OXY-FUEL WELDING AND SHIELDED METAL ARC WELDING (ALSO: MECH-06)**
    - 3 units: 2 hour lecture, 3 hours lab.
    - Advisories: READ-81, ENGL-84; MATH-80 or MATH-85.
  - **WELD-07 FUNDAMENTALS OF T.I.G. AND M.I.G. WELDING**
    - 3 units: 2 hours lecture, 3 hours lab.
    - Advisories: READ-81, ENGL-84; MATH-80 or MATH-85.
  - **WELD-40A INTRODUCTION WELDING DESIGN AND CONSTRUCTION**
    - 3 units: 2 hours lecture, 3 hours lab.
    - Prerequisite: WELD-07. One-way corequisite: MATH-85. Advisories: READ-81, ENGL-84.
  - **WELD-40B ADVANCED WELDING DESIGN AND CONSTRUCTION**
    - 3 units: 2 hours lecture, 3 hours lab.
    - Prerequisite: WELD-40A. Advisories: READ-81, ENGL-84.
# Learning Community # 10

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<td>AUTO-63</td>
<td>Basic Automotive Electronics for Technicians</td>
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<td>AUTO-33</td>
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<td>DRFT-04B</td>
<td>Introduction to 3D</td>
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<td>Print Reading and Sketching</td>
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# Learning Community # 11

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Note: Additional fees may apply. For specific text/access code please see your instructor. Online/Hybrid Classes. See page 64 for details. WC-Web Component which will require you to have internet access.
OFF CAMPUS CLASSES

DELHI
Classes are held at Delhi High School (DELH) and the Delhi Center of Merced College (room locations shown with prefix of MC). Delhi High School is located at 16881 W. Schendel in Delhi and the Delhi Center of Merced College is located at 9384 Merced Avenue. For more room location information, contact Ana Guillen at (209) 656-2050 ext. 5107 during high school business hours.

AOM-30 COMPUTER APPLICATIONS (ALSO: CPSC-30)
3 units: 2 hours lecture, 3 hours lab.
Advisories: AOM-50A or AOM-50B (keyboard at a minimum of 20 GWAM); READ-81; ENGL-84; MATH-80.
7702 TTh 06:30p-08:45p Abbott D DELH-MC7

BIOL-06 ENVIRONMENTAL SCIENCE
(CSU breadth area B2) (IGETC area 5B)
3 units: 3 hours lecture.
Advisory: ENGL-85.
7721 M 06:00p-08:50p Menke B DELH-K1

BUS-35 MONEY MANAGEMENT
3 units: 3 hours lecture.
Advisories: ENGL-85; MATH-80.
7737 T 06:00p-08:50p Staff DELH-H1

CPSC-30 COMPUTER APPLICATIONS (ALSO: AOM-30)
[CILC areas A,B,C,D,E,F,G]
3 units: 2 hours lecture, 3 hours lab.
Advisories: AOM-50A or AOM-50B (keyboard at a minimum of 20 GWAM); READ-81, ENGL-84; MATH-80.
7701 TTh 06:30p-08:45p Abbott D DELH-MC7

HIST-17A UNITED STATES HISTORY AND UNITED STATES CONSTITUTION
(CSU breadth area C2/D/F1/F2) (IGETC area 3B/4)
3 units: 3 hours lecture.
Advisories: ENGL-01A.
7935 T 06:00p-08:50p Staff DPHS

SOC-01 INTRODUCTION TO SOCIOLOGY
(C-ID SOCI 110) (CSU breadth area D) (IGETC area 4)
3 units: 3 hours lecture.
Advisories: ENGL-01A.
7951 Th 06:00p-08:50p Sanchez G DPHS

SPAN-01 ELEMENTARY SPANISH I
(C-ID SPAN 100) (CSU breadth area C2) (IGETC area 6)
5 units: 5 hours lecture.
Advisory: ENGL-84.
7735 WC TTh 03:45p-06:00p Pena A DELH-I5

OFF CAMPUS CLASSES

DOS PALOS
Classes are held at Dos Palos High School (DPHS), located at 1701 E. Blossom; Dos Palos. The class schedule, room numbers and school map will be posted on the front doors of DPHS. For additional information on DPHS classes, call Lisa Conger at (209) 392-0310 during high school business hours.

HIST-17A UNITED STATES HISTORY AND UNITED STATES CONSTITUTION
(CSU breadth area C2/D/F1/F2) (IGETC area 3B/4)
3 units: 3 hours lecture.
Advisories: ENGL-01A.
7935 T 06:00p-08:50p Staff DPHS

LIVINGSTON
Classes are held at Livingston High School; 1617 Main Street; Livingston.

GUID-30 FOUNDATIONS AND STRATEGIES FOR COLLEGE SUCCESS
(CSU breadth area E)
3 units: 3 hours lecture.
Advisory: ENGL-85.
7024 $ M 04:00p-06:50p Tovar E LIVN-905

Section 7024 is held at Livingston High School; 1617 Main Street; Livingston.

GUID-30 requires the purchase of the MBTI assessment for approximately $13.20 and the Strong Interest Inventory for about $8.55. Additional information will be provided in class.

HLTH-10 CONTEMPORARY HEALTH
(CSU breadth area E)
3 units: 3 hours lecture.
Advisory: ENGL-85.
7020 Th 05:30p-08:20p Huddleston A LIVN-902

Section 7020 is held at Livingston High School; 1617 Main Street; Livingston.

PSYC-01A INTRODUCTION TO PSYCHOLOGY
(C-ID PSY 110) (CSU breadth area D) (IGETC area 4)
3 units: 3 hours lecture.
Advisory: ENGL-85.
7021 W 06:00p-08:50p Salazar R LIVN-905

Section 7021 is held at Livingston High School; 1617 Main Street; Livingston.
### OFF CAMPUS

**MARIPOSA**

Classes are held at Mariposa High School; 5074 Old Highway North; Mariposa.

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<td>STRESS MANAGEMENT</td>
<td>0.5</td>
<td>0.5 lecture</td>
<td>Th</td>
<td>05:30-09:45p</td>
<td>Lacey E</td>
<td>MARI-59</td>
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<td>MGMT-52D</td>
<td>MANAGING ORGANIZATIONAL CHANGE</td>
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<td>0.5 lecture</td>
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<td>05:30-09:45p</td>
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<tr>
<td>MUSG-14</td>
<td>AMERICAN POPULAR MUSIC HISTORY</td>
<td>3</td>
<td>3 lecture</td>
<td>W</td>
<td>06:30-09:20p</td>
<td>Fiester R</td>
<td>MARI-59</td>
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<tr>
<td>POSC-01</td>
<td>ESSENTIALS OF AMERICAN POLITICAL SYSTEM</td>
<td>3</td>
<td>3 lecture</td>
<td>T</td>
<td>06:30-09:20p</td>
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<tr>
<td>PSYC-23</td>
<td>PERSONAL AND SOCIAL ADJUSTMENT</td>
<td>3</td>
<td>3 lecture</td>
<td>M</td>
<td>06:30-09:20p</td>
<td>Staff</td>
<td>MARI-59</td>
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</tbody>
</table>

*Note: Additional fees may apply for online assignments.*
ONLINE and HYBRID REQUIREMENTS AND EXPECTATIONS

• **Hybrid** courses have some combination of ONLINE and face-to-face instruction. Some courses may only require one face-to-face session, while others may require numerous in-class sessions.
• **ONLINE** courses are 100% on line. Face-to-face interaction with the professor is not required.

Merced College Internet-based classes give students an opportunity to complete most of the course work outside the classroom at times they find most convenient.

Currently most of the Internet-based classes require some time on campus in face-to-face contact with the instructor. This requirement will vary from class to class, so read the schedule carefully.

Students must already possess the following technology skills:
- Use of e-mail
- Ability to create and e-mail documents as attachments (Word and RTF)
- Experience with uploading and downloading files
- Experience with posting to discussion boards, on-line chats, and electronic bulletin boards

Students must be able to access their Merced College student e-mail account and have reliable Internet access.

It is strongly recommended that students have easy and regular access (preferably from home) to the identified types of equipment and software.

You can access faculty web pages through My Sites in the Merced College web portal at http://mc4me.mccd.edu/. They may contain valuable information relative to your ONLINE course.

All orientations and in-class sessions for ONLINE Instruction take place on the Merced College Main Campus located at 3600 M Street in Merced.

Failure to attend a mandatory orientation or in-class session may result in your being dropped from the class by the instructor. Some of the instructors require that you e-mail them BEFORE THE CLASS BEGINS. It is highly recommended that you e-mail the instructor for instructions several weeks before the class begins.

**ONLINE and HYBRID CLASSES WILL REQUIRE**

**Computer Requirements**
To access ONLINE classes through Merced College’s Blackboard Learn 9.1 (SP 12 and SP 13), make sure you have the minimum specifications described below. Individual instructors may have additional requirements for specific classes. Be sure to check your course syllabus.

**Internet Connection**
We strongly recommend that students have a reliable internet connection that is fast enough to handle the types of materials you will need to view in class, such as large video files. You will need a high speed internet connection such as a cable modem or DSL with a consistent minimum speed of 1.5 Mbps.

**Tablets and Mobile Phones**
Please do not rely on ONLY a tablet or a smartphone to use Blackboard. Not all tablets and smartphones are compatible with Blackboard. We recommend you have access to a full computer (PC or Mac) to have the best experience in your ONLINE class.

**PC/Mac Requirements**
Blackboard has been tested to work with a variety of operating systems for the PC and Mac. See Blackboard’s list of verified operating systems for Windows and Mac with supported browsers.

**Internet Browser**
Below are links to browsers for the PC and Mac which may be used with Blackboard. Be sure to view the list of supported browsers for the current release of Blackboard.

<table>
<thead>
<tr>
<th>Browser Downloads</th>
<th>PC</th>
<th>Mac</th>
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<tbody>
<tr>
<td>Respondus Lockdown Browser (for exams/quizzes)</td>
<td>Download</td>
<td>Download</td>
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<tr>
<td>FireFox</td>
<td>Download</td>
<td>Download</td>
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<tr>
<td>Google Chrome</td>
<td>Download</td>
<td>Download</td>
</tr>
<tr>
<td>Safari</td>
<td>N/A</td>
<td>Download</td>
</tr>
<tr>
<td>Internet Explorer</td>
<td>Download</td>
<td>N/A</td>
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</tbody>
</table>

**Browser Plug-Ins**
At minimum, you will need the following three plug-ins. Check with your instructor for additional technology needs for your class.

<table>
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<tr>
<th>Plug-Ins</th>
<th>Download (PC/Mac)</th>
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<tbody>
<tr>
<td>Java - Required for Blackboard</td>
<td>Verify version &amp; download</td>
</tr>
<tr>
<td>Adobe Reader - for PDFs</td>
<td>Download</td>
</tr>
<tr>
<td>Adobe Flash Player - for Multimedia</td>
<td>Download</td>
</tr>
</tbody>
</table>

**Browser Settings**
Your browser must be configured properly as follows:
- Make sure cookies from third parties are allowed
- Make sure JavaScript is enabled
- Disable pop-up blocking
ONLINE AND HYBRID CLASSES

ADMINISTRATIVE OFFICE MANAGEMENT (AOM)

AOM-30 COMPUTER APPLICATIONS (ALSO: CPSC-30)
3 units: 2 hours lecture, 3 hours lab.
Advisories: AOM-50A or AOM-50B (keyboard at a minimum of 20
GWAM); READ-81; ENGL-84; MATH-80.
This course is intended for students seeking an introduction to application
software used in the workplace with emphasis on business situations.
ONLINE/HYBRID
2550 ONLINE Pirlette T
CONTACT: toni.pirlette@mccd.edu.
2560 ONLINE Garcia Martinez J
CONTACT: juan.garcia955@mccd.edu
COMMENTS: Microsoft Office 2013 Professional is required to
include ACCESS.
2567 ONLINE Robinson D
CONTACT: robinson.d@mccd.edu
COMMENTS: Microsoft Office 2013 Professional is required to
include ACCESS. Students must CHECK COLLEGE EMAIL
account BY THE FIRST DAY of the semester for important
instructions on getting started with this course.

AOM-51 KEYBOARDING/WORD PROCESSING
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: AOM-50B (30 wpm, 95% accuracy). Advisories: READ-
81, ENGL-84.
This course provides instruction and review of computerized keyboarding
using word processing software; emphasis is placed on formatting
memorandums, business letters, business forms, legal and medical
documents, tables, and reports, as well as keyboarding with speed and
accuracy.
ONLINE/HYBRID
2533 M 05:30p-07:20p Carvalho S VOC-115
CONTACT: carvalho.s@mccd.edu.
ORIENTATION: MANDATORY - Monday, August 15, 2016;
05:30p-07:20p; VOC-115;
IN-CLASS SESSIONS: Lecture; Mondays; 05:30p-07:20p;
VOC-115.
COMMENTS: 3 hours lab per week will be ONLINE.

AOM-53 ADVANCED COMPUTER APPLICATIONS
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: AOM-30 or CPSC-30.
The student will learn the advanced features of the word processor,
spreadsheet, database, and presentations applications.

ONLINE/HYBRID
2527 ONLINE Blackmore C
CONTACT: For course-specific questions contact the professor of
the class cynthia.blackmore@mccd.edu.
ORIENTATION: MANDATORY; Wednesday, August 17, 2016;
05:30p-07:20p; COM-2.

BIOLOGY (BIOL)

BIOL-06 ENVIRONMENTAL SCIENCE
(CSU breadth area B2) (IGETC area 5B)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This introductory course examines Earth as an ecosystem composed of
biological, chemical, and physical processes with emphasis on man's
impact on the planet.
ONLINE/HYBRID
2590 ONLINE Latham E
CONTACT: latham.r@mccd.edu; (209) 386-6728; Office LB-B-
133, Los Banos Campus.
COMMENTS: All enrolled students must log on to the class
using the Blackboard log-in page within the first 3 days of the
class starting or may be dropped from the course. Students on
the waitlist must EMAIL the instructor within the first 3 days of
the class START date or they will be dropped from the waitlist.
Instructor has office hours in Los Banos.

BUSINESS (BUS)

BUS-10 INTRODUCTION TO BUSINESS
3 units: 3 hours lecture.
Advisory: CPSC-30; ENGL-85.
This survey course is an overview of all aspects involved in business. It
covers economic foundations, types of business organizations, marketing,
money and banking, and finance.
ONLINE/HYBRID
2521 ONLINE Haugen A
CONTACT: Students must log into the course or contact the
instructor at haugen.a@mccd.edu within the first four days of
semester to avoid being dropped.
ORIENTATION: Required for first-time ONLINE students
enrolled in this class. Monday, August 15, 2016; 11:00a-12:30p;
COM-02. Orientation not required for students already familiar
with Blackboard and Connect.

NEED TECHNICAL ASSISTANCE?
For technical assistance with Blackboard, the Merced College Portal or
WebAdvisor, call the Student Help Desk or visit the website at
http://www.mccd.edu/myhelp.

STUDENT HELP DESK
(209) 381-6565 or myhelp@mccd.edu or www.mccd.edu/myhelp/
Hours:
Monday, Tuesday, Wednesday, Thursday: 10:00a-07:00p
Friday: 08:00a-03:00p.
CHEMISTRY (CHEM)

CHEM-02B  INTRODUCTORY CHEMISTRY: INTRODUCTION TO ORGANIC AND BIOCHEMISTRY
(CSU breadth area B1/B3)  (IGETC area 5A/5C)
4 units: 3 hours lecture, 3 hours lab.
Prerequisite: CHEM-02A; MATH-C. Advisories: ENGL-85; LRNR-30.
This is a continuation of CHEM-02A with emphasis on organic and biochemistry.

ONLINE/HYBRID
2571 $  ONLINE  Haugen A
CONTACT: Students must log into the course or contact the instructor at haugen.a@mccd.edu within the first four days of semester to avoid being dropped.
ORIENTATION/INCLASS SESSION: Mandatory attendance; Monday, August 15, 2016; 05:30p-08:20p; COM-02.

CHILD DEVELOPMENT (CLDV)

CLDV-01  CHILD GROWTH AND DEVELOPMENT
(C-ID CDEV 100)  (CSU breadth area D/E)  (IGETC area 4)
3 units: 3 hours lecture.
Prerequisite: ENGL-85.
This introductory course examines the major physical, psychosocial, and cognitive/linguistic developmental milestones for children, both typical and atypical, from conception through adolescence.

ONLINE/HYBRID
2529 $  ONLINE  Roduner S
CONTACT: For course-specific questions contact roduner.s@mccd.edu.

CLDV-02  CHILD, FAMILY AND COMMUNITY
(C-ID CDEV 110)  (CSU breadth area D/E)  (IGETC area 4)
3 units: 3 hours lecture.
Prerequisite: ENGL-85.
This course studies the importance of the socialization of children and how society supports and empowers families.

ONLINE/HYBRID
2528 $  ONLINE  Roduner S
CONTACT: For course-specific questions contact roduner.s@mccd.edu.

CLDV-03  PRINCIPLES AND PRACTICES OF TEACHING YOUNG CHILDREN
(C-ID ECE 120)
3 units: 3 hours lecture.
One-way corequisite: CLDV-01.
An examination of the underlying theoretical principles of developmentally appropriate practices applied to programs, environments, emphasizing the key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, creative and intellectual development for all young children.
COMPUTER SCIENCE (CPSC)

CPSC-01 INTRODUCTION TO COMPUTER INFORMATION SYSTEMS
(C-ID ITIS 120) [CILC areas A,B,C,D,E,F,G]
4 units: 3 hours lecture, 3 hours lab.
Prerequisites: ENGL-85; MATH-C.
An introduction to the basics of computing systems, impact of computers on our society, and the future of computing.

ONLINE/HYBRID
2516 ONLINE Y 05:30p-08:20p Yanagi C VOC-113
CONTACT: yanagi.c@mccd.edu
IN-CLASS SESSIONS: Lecture - Tuesdays; 05:30p-08:20p; VOC-113.
COMMENTS: Lab hours will be ONLINE.

CPSC-06 PROGRAMMING CONCEPTS AND METHODOLOGY I
(C-ID COMP 122)
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: MATH C. Advisories: CPSC-01; ENGL-01A.
This course introduces the discipline of computer science using a high level language; provides an overview of computer organization and an introduction to software engineering.

ONLINE/HYBRID
2585 ONLINE T 03:30p-04:45p Kanemoto K VOC-113
CONTACT: kanemoto.k@mccd.edu
FINAL EXAM: MANDATORY - Thursday, December 15, 2016; 05:00p-06:50p; COM-02.
COMMENTS: Lab hours will be ONLINE.

CPSC-30 COMPUTER APPLICATIONS (ALSO: AOM-30)
[CILC areas A,B,C,D,E,F,G]
3 units: 2 hours lecture, 3 hours lab.
Advisories: AOM-50A or AOM-50B (keyboard at a minimum of 20 GWAM); READ-81; ENGL-84; MATH-80.
This course is intended for students seeking an introduction to application software used in the workplace with emphasis on business situations.

ONLINE/HYBRID
2543 ONLINE T 05:30p-08:20p Pirtle T VOC-113
CONTACT: toni.pirtle@mccd.edu
IN-CLASS SESSIONS: Lecture - Tuesdays; 05:30p-08:20p; VOC-113.
COMMENTS: Lab hours will be ONLINE.

CPSC-39 PROGRAMMING CONCEPTS AND METHODOLOGY II
(C-ID COMP 132)
4 units: 3 hours lecture, 3 hours lab.
Prerequisite: CPSC-06 or ENGR-14 or CPSC-14. Advisory: ENGL-01A.
This course is a continuation course in Computer Science which introduces further aspects of software design and implementation.

ONLINE/HYBRID
2530 MW 10:30a-12:20p Kanemoto K VOC-113
CONTACT: kanemoto.k@mccd.edu
COMMENTS: Lab hours will be held ONLINE.

ECONOMICS (ECON)

ECON-01 INTRODUCTION TO MICROECONOMICS
(CSU breadth area D) (IGETC area 4) (C-ID ECON 201)
3 units: 3 hours lecture.
Prerequisite: ENGL-85; MATH-81. Advisories: ENGL-01A.
ECON-01 is an introductory course in microeconomic theories including maximizing, benefit verses cost, rational choice, the analysis of demand and supply, the role of price in free markets, consumer behavior, market structure, production cost, competitive business models, and resource pricing.

ONLINE/HYBRID
2524 ONLINE M 05:30p-08:20p Carter J VOC-113
CONTACT: john.carter1767@mccd.edu

ENGLISH (ENGL)

ENGL-01A COLLEGE COMPOSITION AND READING
(C-ID ENGL 100) (CSU breadth area A2) (IGETC area 1A) [CILC area G]
4 units: 4 hours lecture.
Prerequisite: ENGL-85. Advisory: LRNR-30.
This course focuses on critical reading and thinking, research strategies, and scholarly composition with proper documentation at the college transfer level.

ONLINE/HYBRID
2507 ONLINE T 05:30p-08:20p Ortiz K VOC-113
CONTACT: keri.ortiz@mccd.edu

CONTACT: For course specific questions, contact keri.ortiz@mccd.edu.

CONTACT: For course specific questions, contact pamela.huntington@mccd.edu.

CONTACT: For course specific questions, contact hundley.a@mccd.edu.

CONTACT: For course-specific questions contact white.a@mccd.edu.
The Literature selections in this course will focus on American Studies. Students will be expected to log onto the course in Blackboard and complete a mandatory assignment within the first week of classes or risk being dropped.

CONTACT: For course-specific questions contact mumford.j@mccd.edu.

CONTACT: For course-specific questions contact mumford.j@mccd.edu.
Students should check their Merced College student email for instructions from the instructor on the first day of classes. Students will be expected to log into the course on Blackboard and complete a mandatory assignment within the first week of classes or risk being dropped.

CONTACT: For course-specific questions contact mumford.j@mccd.edu.

CONTACT: For course-specific questions contact mumford.j@mccd.edu.
Students should check their Merced College student email for instructions from the instructor on the first day of classes. Students will be expected to log into the course on Blackboard and complete a mandatory assignment within the first week of classes or risk being dropped.

CONTACT: For course-specific questions contact mumford.j@mccd.edu.
<table>
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<tr>
<th>Course Code</th>
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<th>Section</th>
<th>Instructor</th>
<th>Contact</th>
<th>Enrollment Details</th>
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<tr>
<td>ENGL-01B</td>
<td>INTRODUCTION TO LITERATURE</td>
<td>2561</td>
<td>Kahler S</td>
<td><a href="mailto:shirley.kahler@mccd.edu">shirley.kahler@mccd.edu</a></td>
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<td>GEOG-01B</td>
<td>PHYSICAL GEOGRAPHY</td>
<td>2512</td>
<td>Morimoto D</td>
<td><a href="mailto:morimoto.d@mccd.edu">morimoto.d@mccd.edu</a></td>
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<td>(209) 384-6349</td>
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<td>GEOG-02B</td>
<td>WORLD GEOGRAPHY</td>
<td>2510</td>
<td>Morimoto D</td>
<td><a href="mailto:morimoto.d@mccd.edu">morimoto.d@mccd.edu</a></td>
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<td>(209) 384-6349</td>
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<td>GUID-30</td>
<td>FOUNDATIONS AND STRATEGIES FOR COLLEGE SUCCESS</td>
<td>2511</td>
<td>Vang N</td>
<td><a href="mailto:gina.vanq1@mccd.edu">gina.vanq1@mccd.edu</a></td>
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<td>GUID-48</td>
<td>LIFE AND CAREER PLANNING</td>
<td>2537</td>
<td>Garcia C</td>
<td><a href="mailto:garcia.c@mccd.edu">garcia.c@mccd.edu</a></td>
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<td>GUID-54</td>
<td>FOUNDATIONS AND STRATEGIES FOR ACADEMIC RECOVERY</td>
<td>2552</td>
<td>Clark S</td>
<td><a href="mailto:clark.s@mc.edu">clark.s@mc.edu</a></td>
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<td>HIST-01A</td>
<td>HISTORY OF CIVILIZATION: PART I</td>
<td>2519</td>
<td>Devine N</td>
<td><a href="mailto:devine.n@mccd.edu">devine.n@mccd.edu</a></td>
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<tr>
<td>HIST-02A</td>
<td>HISTORY OF CIVILIZATION: PART II</td>
<td>2554</td>
<td>Devine N</td>
<td><a href="mailto:devine.n@mccd.edu">devine.n@mccd.edu</a></td>
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**CONTACT:** For course-specific questions, contact the professor or the help desk at www.mccd.edu or 209-381-6565.
HIST-17A  UNITED STATES HISTORY AND UNITED STATES CONSTITUTION
(CSU breadth area C2/D/F1/F2) (IGETC area 3B/4)
3 units: 3 hours lecture.
Advisories: ENGL-01A.
This is an extensive survey course of United States history from the period of exploration to the Reconstruction Period.

ONLINE/HYBRID
2594 ONLINE Cook J
CONTACT: james.cook@mccd.edu
COMMENTS: Students need to log in within the first two days of class.

HIST-17B  UNITED STATES HISTORY AND CALIFORNIA STATE AND LOCAL GOVERNMENT
(CSU breadth area C2/D/F1/F2) (IGETC area 3B/4)
3 units: 3 hours lecture.
Advisories: ENGL-01A.
This course is a continuation of HIST-17A from the end of the Reconstruction Period in 1877 to the present.

ONLINE/HYBRID
2516 ONLINE Steeley J
CONTACT: steeley.j@mccd.edu
COMMENTS: Students need to log in within the first two days of class.

2572 T
08:00a-09:15a Steeley J IAC-146
CONTACT: steeley.j@mccd.edu.
IN-CLASS SESSIONS: Lecture - Tuesdays; 08:00a-09:15a; IAC-146.
COMMENTS: 27 lecture hours will be online.

2595 ONLINE Cook J
CONTACT: james.cook@mccd.edu
COMMENTS: Students need to log in within the first two days of class.

HIST-29  HISTORY OF CALIFORNIA
(CSU breadth area D)
3 units: 3 hours lecture.
Advice: ENGL-85.
This course is a survey of the early history of California through to the present, starting with the original peoples of California, the discovery and conquest of the area by the Spanish, the Mexican period, American conquest and occupation, and the gold rush.

ONLINE/HYBRID
2526 ONLINE Steeley J
CONTACT: steeley.j@mccd.edu
COMMENTS: Students need to log in within the first two days of class.

KINESIOLOGY (KINE)
KINE-35  FLEXIBILITY AND CARDIOVASCULAR FITNESS
2 units: 6 hours lab.
Advice: Good general health; absence of medical conditions that would prevent planned physical activity.
Practical application of all aspects of flexibility and cardiovascular conditioning are presented and performed.

ONLINE/HYBRID
2525 ONLINE Devine N
CONTACT: For course-specific questions contact the professor of the class at devine.n@mccd.edu. For technology problems contact the help desk at www.mccd.edu/myhelp or 209-381-6585.

2546 ONLINE Pedretti C
CONTACT: For course-specific questions contact the professor of the class at pedretti.c@mccd.edu. For technology problems contact the help desk at www.mccd.edu/myhelp or 209-381-6585.

MATH-C  INTERMEDIATE ALGEBRA
4 units: 4 hours lecture.
Prerequisite: MATH-81. Advisory: ENGL-85.
This course covers factoring, functions and graphs, solving linear, quadratic, piecewise defined, exponential, and logarithmic equations, rational expressions and equations, complex numbers, and conic sections.

ONLINE/HYBRID
2596 HYBRID Strait L
CONTACT: laura.strait@mccd.edu;
ORIENTATION: MANDATORY: August 15, 2016; 08:00a-09:50a; LOS BANOS CAMPUS Room B-110.
IN-CLASS SESSIONS: MANDATORY: Mid-term #1 - September 19, 2016; 08:00a-09:50a; LB-B-110. Mid-term #2 - November 7, 2016; 08:00a-09:50a; LB-B-110. Final Exam - December 12, 2016; 08:00a-09:50a; LB-B-110.
COMMENTS: Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students.
MATH-02 PRECALCULUS
(CSU breadth area B4) (IGETC area 2)
4 units: 4 hours lecture.
Prerequisite: MATH-25. Advisory: ENGL-85.
This course is designed to prepare students for calculus.

ONLINE/HYBRID
2532 $ HYBRID  Kehoe J
CONTACT: julie.kehoe@mccd.edu
Orientation: MANDATORY - August 16, 2016; 02:00p-03:50p; VOC-112.
In-class Sessions: MANDATORY - Mid-term - October 11, 2016; 02:00p-03:50p; VOC-112. MANDATORY - Final Exam - December 13, 2016; 01:00p-02:50p; VOC-112.
Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students.

MATH-04A CALCULUS I
(C-ID MATH 211) (CSU breadth area B4) (IGETC area 2)
4 units: 4 hours lecture.
Prerequisite: MATH-02 or MATH-02H. Advisory: ENGL-85.
This course covers limits, continuity, differentiation and integration of algebraic and trigonometric functions along with their respective applications.

ONLINE/HYBRID
2523 $ M 02:00p-03:50p  Leonard B VOC-112
CONTACT: brandon.leonard@mccd.edu
Lecture: MANDATORY - Mondays from 02:00p-03:50p in VOC-112. Two hours of lecture ONLINE per week.
MATH-81 BEGINNING ALGEBRA
4 units: 4 hours lecture.
Prerequisite: MATH-80. Advisory: ENGL-85.
This course covers the four basic operations on real numbers and algebraic expressions.

ONLINE/HYBRID
2544 $ HYBRID Dawson C
CONTACT: dawson.c@mccd.edu
Orientation: MANDATORY - August 16, 2016; 02:00p-03:50p; SCI-110.
In-class Sessions: MANDATORY - Mid-term #1 - September 27, 2016; 02:00p-03:50p; SCI-110. MANDATORY - Mid-term #2 - November 01, 2016; 02:00p-03:50p; SCI-110. MANDATORY - Final Exam - December 13, 2016; 01:00p-02:50p; SCI-110. Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students.
2503 $ HYBRID Meidinger S
CONTACT: meidinger.s@mccd.edu
Orientation: MANDATORY - August 16, 2016; 03:00p-04:50p; SCI-208.
In-class Sessions: MANDATORY - Mid-term #1 - September 27, 2016; 03:00p-04:50p; SCI-208. MANDATORY - Mid-term #2 - November 08, 2016; 03:00p-04:50p; SCI-208. MANDATORY - Final Exam - December 13, 2016; 03:00p-04:50p; SCI-208. Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students.

2536 $ W 12:00p-12:50p Cuarenta Gallegos G VOC-140
CONTACT: gabriel.cuarentagallegos@mccd.edu; (209) 384-6395
Lecture: MANDATORY - Wednesdays from 12:00p-12:50p in VOC-140. Three hours of lecture ONLINE per week.
2541 $ HYBRID Sutterfield M
Contact: mark.sutterfield@mccd.edu
Orientation: MANDATORY - August 16, 2016; 05:30p-07:20p; VOC-112.
In-class Sessions: MANDATORY - Mid-term #1 - September 27, 2016; 05:30p-07:20p; VOC-112. MANDATORY - Mid-term #2 - November 01, 2016; 05:30p-07:20p; VOC-112. MANDATORY - Mid-term #3 - December 06, 2016; 05:30p-07:20p; VOC-112. MANDATORY - Final Exam - December 13, 2016; 05:00p-06:50p; VOC-112.

REGISTRATION NURSING (REGN)
REGN-18 PHARMACOLOGY IN NURSING PRACTICE
3 units: 3 hours lecture.
Registered Nursing 18, Pharmacology in Nursing Practice, presents an overview of the basic principles of pharmacology including major drug classifications and prototypes.

ONLINE/HYBRID
2553 ONLINE Schindler W

NUTRITION (NUTR)
NUTR-10 NUTRITION
(CSU breadth area E)
3 units: 3 hours lecture.
Prerequisite: ENGL-85. Advisory: MATH-81.
This course presents an in-depth study of the essential nutrients and their functions, and the chemical composition of foods and their utilization in the body.

ONLINE/HYBRID
2547 ONLINE Pecchenino M
CONTACT: For course-specific questions contact the professor of the class pecchenino.m@mccd.edu.
MANDATORY: ORIENTATION - Thursday, August 18, 2016; 04:00p-04:50p; COM-02.

2520 ONLINE Hobbs J
CONTACT: For course-specific questions contact the professor of the class jennifer.hobbs@mccd.edu.
MANDATORY: ORIENTATION - Wednesday, August 17, 2016; 04:00p-04:50p; COM-2.

NUTR-41 INFANT AND TODDLER FEEDING (ALSO: CLDV-41)
1 unit: 1 hour lecture.
Advisory: ENGL-85.
This course focuses on feeding typical and atypical developing infants beginning at birth with breast milk, formulas, first foods and progresses to textures and foods appropriate for the toddler.

ONLINE/HYBRID
2910 ONLINE Pecchenino M
Section 2910 is held from 10/17/16 to 11/25/16.
CONTACT: pecchenino.m@mccd.edu.
MANDATORY: ORIENTATION - Friday, October 21, 2016; 09:00a-09:50a; VOC-113.

NUTR-45 INTRODUCTION TO THERAPEUTIC DIETS
2 units: 2 hours lecture.
Advisory: ENGL-85.
This course is designed to acquaint students with therapeutic and modified diets used in health care facilities.

ONLINE/HYBRID
2913 HYBRID Pecchenino M
Section 2913 is held 08/15/16 to 10/14/16.
CONTACT: For course-specific questions contact the professor of the class pecchenino.m@mccd.edu.
MANDATORY ORIENTATION: Friday, August 19, 2016; 09:00a-9:50a; VOC-113.
IN-CLASS SESSION: September 16, 2016; 09:00a-9:50a; VOC-113.
COMMENTS: Remaining hours will be held on-line.

POLITICAL SCIENCE (POSC)
POSC-01 ESSENTIALS OF AMERICAN POLITICAL SYSTEM
(CSU breadth area D/F2) (IGETC area 4)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course will introduce students to institutions of American national government, the American political system, and California state and local government.

ONLINE/HYBRID
2598 ONLINE Gardner J
CONTACT: jennifer.gardner@mccd.edu

PSYCHOLOGY (PSYC)
PSYC-01A INTRODUCTION TO PSYCHOLOGY
(C-ID PSY 110) (CSU breadth area D) (IGETC area 4)
3 units: 3 hours lecture.
Advisory: ENGL-85.
PSYC-01A is a survey course designed to provide an introduction to the facts and theories underlying human behavior.

ONLINE/HYBRID
2522 ONLINE Clifford J
CONTACT: clifford.j@mccd.edu
2578 ONLINE Murphy J
CONTACT: joel.murphy@mccd.edu for course-specific questions.
PSYC-09 HUMAN DEVELOPMENT (ALSO: CLDV-09)  
(C-ID PSY 180) (CSU breadth area E)  
3 units: 3 hours lecture.  
Advisory: ENGL-85.  
This course is an introduction to the scientific study of human development from conception through death. It examines the interplay of biological, psychological, social, and cultural forces on the developing human being.

ONLINE/HYBRID  
2501 ONLINE Williamson L  
CONTACT: For course-specific questions contact the professor linda.williamson@mccd.edu.  
2505 ONLINE Clifford J  
CONTACT: clifford.j@mccd.edu for course-specific questions.  
2584 ONLINE Marquez-Ramirez M  
CONTACT: For course-specific questions contact martina.marquez@mccd.edu.

PSYC-36 DEVELOPMENTAL PSYCHOLOGY: ADOLESCENCE  
(CSU breadth area D) (IGETC area 4)  
3 Units: 3 hours lecture.  
Advisory: ENGL-85.  
This course is a study of human development during adolescence.

ONLINE/HYBRID  
2579 ONLINE Clifford J  
CONTACT: clifford.j@mccd.edu for course-specific questions.

TUTORIAL (TUTR)  
TUTR-35 TUTORIAL SEMINAR  
1 unit: 3 hours lab.  
Advisory: ENGL-85  
This course is designed to provide tutors in the Merced College Tutorial program with an opportunity to explore their experiences in the program more fully.

ONLINE/HYBRID  
2902 ONLINE Flatt, S  
Section 2902 is held from 09/05/16 to 11/10/16.  
CONTACT: www.mccd.edu/myhelp/ for information about logging into ONLINE courses. Contact Susan Flatt, flatt.s@mccd.edu for information about the course content.  
COMMENTS: Students must log on between September 5-9, 2016 for orientation.

VIRTUAL OFFICE (VIRT)  
VIRT-55 SOCIAL MEDIA MARKETING AND STRATEGY  
3 units: 3 hours lecture.  
Advisory: VIRT-51.  
This course prepares the student for the role of a Social Media Strategist and for the National Institute for Social Media strategist certification examination.

ONLINE/HYBRID  
2517 HYBRID Pirtle T  
CONTACT: toni.pirtle@mccd.edu.  
INCLASS SESSIONS - MANDATORY, Tuesday, August 16 and August 23, 2016; 05:30p-08:20p; VOC-114.  
COMMENTS: Remaining hours to be held ONLINE.

VIRT-53 EFFECTIVE BLOGGING  
.50 unit: 1/2 hour lecture.  
Limitation on enrollment: Enrollment is limited by technology and number of work stations. Advisories: AOM-60A.  
This course focuses on creating effective content for a blog site, how to understand the blogosphere and how to set up a blog to connect with the ONLINE world.

ONLINE/HYBRID  
2915 HYBRID Pirtle T  
Section 2915 is held from 09/26/16 to 10/14/16.  
CONTACT: toni.pirtle@mccd.edu.  
MANDATORY: INCLASS SESSIONS - MANDATORY, Tuesday, August 23, 2016; and Wednesday, September 28, 2016; 08:00a-09:20a; VOC-114.  
COMMENTS: Remaining hours to be held on-line.
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SHORT TERM CLASSES

ADMINISTRATIVE OFFICE MANAGEMENT (AOM)

AOM-52A KEYBOARDING SPEED AND ACCURACY
1 unit: 5 hour lecture, 1.5 hours lab.
Advisories: Know the qwerty enhanced keyboard and be able to key at least 22 wpm with 85% accuracy; READ-81, ENGL-84.
This course is designed to increase keyboarding speed and accuracy through the use of individualized evaluation.

MERCED
9037 WC TTh 02:00p-03:50p Blackmore C VOC-114
Section 9037 is held from 10/17/16 to 12/16/16.

AOM-58 WEB SITE DEVELOPMENT
[CILC area B,F]
1 unit: 1 hour lecture.
Advisories: CPSC-30.
This is an introductory course in the planning, design and creation of a web site.

MERCED
9109 WC MW 08:00a-09:20a Carroll C VOC-114
Section 9109 is held from 08/15/16 to 09/23/16.

ATHLETICS (ATHL)

ATHL-01B INTERCOLLEGIATE BASKETBALL
1.5-3 units: 5-10 hours lab.
Limitation on enrollment: This is a varsity team sport requiring coach’s or academic athletic advisor’s approval. Advisory: KINE-13.
This course teaches theory, practice and game performance of competitive basketball. This course may be repeated three times.

MERCED
9379 DAILY 11:00a-12:50p Huddleston A GYM-1
Women’s Basketball.
Section 9379 is held from 10/17/16 to 12/16/16.
9381 DAILY 01:00p-02:35p Russell W GYM-1
Men’s Basketball.
Section 9381 is held from 10/17/16 to 12/16/16.

ATHL-13 ADVANCED BASKETBALL
.5-1 units: 1.5-3 hours lab.
Limitation on enrollment: This is a varsity team off-season conditioning course that requires coach’s or academic athletic adviser’s signature.
This course offers the more advanced student the opportunity to develop and improve fundamental skills involved in basketball, such as, ball handling, shooting, defensive and offensive tactics, and physical endurance. It also covers team strategy and play.

MERCED
9083 MWF 11:00a-11:50a Huddleston A GYM-1
Section 9083 is held from 08/15/16 to 10/14/16.
9114 MWF 01:00p-02:50p Russell W GYM-1
Section 9114 is held from 08/15/16 to 10/14/16.

AUTOMOTIVE TECHNOLOGY (AUTO)

AUTO-04 AUTOMOTIVE MECHANICS
3 units: 3 hours lecture.
Advisories: ENGL-85; MATH-80 or MATH-85.
This class is designed for students without prior experience in automotive mechanics.

MERCED
6002 WC M 05:30p-06:20p Staff IT-4A
6005 WC W 05:30p-06:20p Staff IT-4A
9033 WC MTWTh 08:00a-09:15a Gregory A IT-4A
LC Section 9033 is held from 08/15/16 to 10/13/16.

AUTO-13 ADVANCED AUTOMOTIVE MECHANICS
4 units: 2 hours lecture, 6 hours lab.
Prerequisite: AUTO-04. Advisories: ENGL-85; MATH-80 or MATH-85.
This course covers automotive electrical systems and includes a review of electron theory, magnetism, and semiconductors.

MERCED
9134 WC MTWTh 08:00a-11:50a Gregory A IT-4A
Section 9134 is held from 10/17/16 to 12/01/16.
9425 WC MTWTh 08:00a-11:50a Gregory A IT-4A
Section 9425 is held from 10/17/16 to 12/01/16.

AUTO-32 WHEEL ALIGNMENT AND SUSPENSION
4 units: 3 hours lecture, 3 hours lab.
Advisories: AUTO-04, AUTO-63; ENGL-85; MATH-80, MATH-85.
This course is designed to provide the technical knowledge and experience required for aligning and servicing suspension systems on modern automobiles.

MERCED
9137 WC MTWTh 01:30p-04:20p Weepers M IT-4A
LC Section 9137 is held from 08/15/16 to 10/13/16.
9427 WC MTWTh 01:30p-04:20p Weepers M IT-4A
Section 9427 is held from 08/15/16 to 10/13/16.

AUTO-33 AUTOMOTIVE BRAKE SYSTEMS
4 units: 3 hours lecture, 3 hours lab.
Advisories: AUTO-04, AUTO-63; ENGL-85; MATH-80 or MATH-85.
This course is designed for students without prior experience in automotive brake repair. The course will cover theory, service and repair of conventional, Antilock Brake Systems (ABS) and related brake systems.

MERCED
9136 WC MTWTh 08:00a-11:50a Weepers M IT-4B
LC Section 9136 is held from 10/17/16 to 12/01/16.
Section 9136 requires a $10 lab manual.
9426 WC MTWTh 08:00a-11:50a Weepers M IT-4B
Section 9426 is held from 10/17/16 to 12/01/16.
Section 9426 requires a $10 lab manual.

AUTO-41 AUTOMOTIVE ENGINES
4 units: 2 hours lecture, 6 hours lab.
One-way corequisite: AUTO-04. Advisories: ENGL-85; MATH-80 or MATH-85.
This is a class in the principles and theory of engine repair and rebuilding including the disassembly and assembly of engines. There will be emphasis on inspection, measuring, and comparing worn and rebuilt parts.

MERCED
9120 WC MTWTh 08:00a-12:20p Gregory A IT-4A
Section 9120 is held from 10/17/16 to 12/08/16.

AUTO-42 AUTOMOTIVE ELECTRICAL SYSTEMS
4 units: 3 hours lecture, 3 hours lab.
This course covers automotive electrical systems and includes a review of electron theory, magnetism, and semiconductors.

MERCED
9134 WC MTWTh 01:00p-04:50p Gregory A IT-4B
LC Section 9134 is held from 10/17/16 to 12/01/16.
Section 9134 requires a $10 lab manual.
9424 WC MTWTh 01:00p-04:50p Gregory A IT-4B
Section 9424 is held from 10/17/16 to 12/01/16.
Section 9424 requires a $10 lab manual.

AUTO-44 AUTOMOTIVE AIR CONDITIONING, HEATING SYSTEM, COOLING SYSTEM
4 units: 3 hours lecture, 3 hours lab.
Advisories: AUTO-04; ENGL-85; MATH-80, MATH-85.
This is a basic course in the principles of operation of automotive air conditioning, heating system, and cooling system.

MERCED
9049 WC MTWTh 09:30a-12:10p Gregory A IT-4A
Section 9049 is held from 08/15/16 to 10/13/16.

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AUTO-48B SPECIAL PROBLEMS IN ENGINE PERFORMANCE
2 units: 6 hours lab.
Prerequisite: AUTO-47. Advisories: ENGL-85.
This course is designed to permit the student to gain additional hands on experience in areas covered in the objectives of AUTO-47.

MERCED
9138 WC MTWTh 01:00p-04:50p Weepers M IT-4A
Section 9138 is held from 10/17/16 to 12/01/16.

AUTO-63 BASIC AUTOMOTIVE ELECTRONICS FOR TECHNICIANS
4 units: 3 hours lecture, 3 hours lab.
Advisories: MATH-80 or MATH-85; ENGL-85.
This course is designed to provide the automotive students with a strong background in basic electrical concepts.

MERCED
6078 WC TTh 05:30p-08:20p Maxwell G IT-4B
Section 6078 requires a $10 lab manual.
9135 WC MTWTh 09:30a-12:20p Weepers M IT-4B
LC Section 9135 is held from 08/15/16 to 10/13/16.
Section 9135 requires a $10 lab manual.

CRIMINAL JUSTICE (CRIM)
CRIM-02 INTRODUCTION TO CRIMINAL JUSTICE
(C-ID AJ 110)
3 units: 3 hours lecture.
Prerequisite: ENGL-85.
The course will emphasize the three major components of the system: court, corrections, law enforcement, and will then examine the role of each.

MERCED
9146 MTWTh 12:30p-01:45p Johnson M VOC-141
Section 9146 is held from 08/15/16 to 10/14/16.

CRIM-04 CRIMINAL LAW
(C-ID AJ 120)
3 units: 3 hours lecture.
Prerequisite: ENGL-85. One-way corequisite: CRIM-02.
This course offers an analysis of the doctrines of criminal liability in the United States and the classification of crimes against persons, property, morals, and public welfare.

MERCED
9147 MTWTh 12:30p-01:45p Johnson M VOC-141
Section 9147 is held from 10/17/16 to 12/16/16.

CRIM-42C RESERVE OFFICER MODULE LEVEL 3
[CILC area D]
7 units: 108 total hours lecture, 54 total hours lab.
Limitation on enrollment: Students must be cleared by the California Department of Justice (DOJ) to participate. DOJ clearance is evaluated through the LiveScan fingerprint process. This clearance will reveal a qualifying/disqualifying criminal history background. In addition, there must be an absence of medical conditions that would prevent strenuous physical training during arrest and control methods training, use of force, and crimes in progress. A physician's clearance indicating good physical health must be presented to the instructor at the first class meeting. Students must possess a California Driver's License. Advisory: ENGL-85.
This course meets the requirements of the State of California, Commission on Peace Officers Standards and Training (POST).

MERCED
9182 TTh 06:00p-09:50p Gregory B/Noblett D VOC-141
Section 9182 is held from 08/15/16 to 11/04/16.
IN-CLASS SESSIONS: In addition to the TTh scheduled meets, this class will also meet on Saturdays and Sundays September 04, 2016 to October 17, 2016, dates to be announced, 08:00a-03:50p to include a 60 minute lunch.
Section 9182 requires a $105 fee for materials.

DRAFTING TECHNOLOGY (DRFT)
DRFT-04B INTRODUCTION TO 3D
3 units: 2 hours lecture, 3 hours lab.
Advisory: DRFT-44 or DRFT-59.
This course is an introduction to direct 3D modeling. Students will gain an understanding of how 3D modeling works, and how it can be used with other applications.

MERCED
9141 LC MTWTh 08:00a-11:35a Thornburgh J VOC-40
Section 9141 is held from 08/15/16 to 09/22/16.
9405 WC MTWTh 08:00a-11:35a Thornburgh J VOC-40
Section 9405 is held from 08/15/16 to 09/22/16.

DRFT-04C INTRODUCTION TO PARAMETRIC MODELING
3 units: 2 hours lecture, 3 hours lab.
Advisory: INDV-38I.
This course uses Inventor. Students will use basic, and intermediate commands to create and modify solid models. The models will be used to create Small Assemblies (less than 10 parts), 2D drawings, and Renderings.

MERCED
9387 LC MTWTh 08:00a-11:30a Thornburgh J VOC-40
Section 9387 is held from 09/26/16 to 11/03/16.
9406 WC MTWTh 08:00a-11:30a Thornburgh J VOC-40
Section 9406 is held from 08/15/16 to 11/03/16.

DRFT-06 PRODUCTION METHODS
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: DRFT-05 or DRFT-44 or DRFT-59.
This course covers different production methods and materials. Students will learn how the production method influences the design of a product.

MERCED
9125 WC MTWTh 08:00a-11:35a Thornburgh J VOC-40
Section 9125 is held from 11/07/16 to 12/15/16.
9407 WC MTWTh 08:00a-11:35a Thornburgh J VOC-40
Section 9407 is held from 11/07/16 to 12/15/16.

DRFT-44 PRINT READING AND SKETCHING
3 units: 2 hours lecture, 3 hours lab.
Advisories: READ-81, ENGL-84; MATH-80 or MATH-85.
This course is for technical students and other personnel who must be skilled in reading industrial prints.

MERCED
9119 WC MTWTh 01:00p-04:35p Russell C MA-2
Section 9119 is held from 08/15/16 to 09/22/16.
9408 WC MTWTh 01:00p-04:35p Russell C MA-2
Section 9408 is held from 08/15/16 to 09/22/16.
9386 WC MTWTh 12:30p-04:00p Thornburgh J VOC-40
Section 9386 is held from 09/26/16 to 11/03/16.
9409 WC MTWTh 12:30p-04:00p Thornburgh J VOC-40
Section 9409 is held from 09/26/16 to 11/03/16.
DRAMA (DRAM)

DRAM-02 REHEARSAL AND PERFORMANCE
(C-ID THTR 191)

2 units: 1 hour lecture, 3 hours lab.
Limitation on enrollment: Enrollment by audition or interview, instructor signature required. One-way corequisite: DRAM-02L. Advisory: ENGL-85.

This course focuses on preparing students for the practical application of rehearsal techniques, play promotion, and production towards public performance using a different work or genre for each subsequent offering. Because a different work or genre is explored in each subsequent offering, the course may be repeated three times.

MERCED

9023 MTWTh 05:00p-09:30p Souza J THTR-STG
Section 9023 is held from 08/15/16 to 09/08/16.
Auditions will be held August 15, 2016; 05:00p-09:30p; THTR-STG. Registration NOT allowed before first night of class.
Students registering from DRAM-02-9023 must also register for DRAM-02L-9024.

9388 TWTh 05:00p-09:30p Heidelbach C THTR-STG
Section 9388 is held from 09/27/16 to 10/27/16.
Auditions will be held September 27, 2016; 05:00p-09:30p; THTR-STG. Registration NOT allowed before first night of class.
Students registering from DRAM-02-9388 must also register for DRAM-02L-9389.

DRAM-02L REHEARSAL AND PERFORMANCE LAB
(C-ID THTR 192)

1 unit: 54 hours lab by arrangement.
Limitation on enrollment: Enrollment by audition or interview, instructor signature required. Advisory: ENGL-85.

This course is the lab only portion of Rehearsal and Performance in which students put into practice learned technical skills in technical rehearsal and public performance of a college production.

DRAM-02L Auditions/Interviews will be held the first night of class during the required mandatory orientation. Registration NOT allowed before first night.

MERCED

9024 54 hours by arrangement Souza J THTR-STG
Section 9024 is held from 09/12/16 to 10/02/16.
MANDATORY ORIENTATION: September 12, 2016; 05:00p-09:30p; THTR-STG.

9389 54 hours by arrangement Heidelbach C THTR-STG
Section 9389 is held from 10/31/16 to 11/20/16.
MANDATORY ORIENTATION: October 31, 2016; 05:00p-09:30p; THTR-STG.

ELECTRICITY -- ELECTRONICS (ELCT)

ELCT-31 FOUNDATIONS OF ELECTRONICS - DC AND AC CIRCUITS

5 units: 3 hours lecture, 6 hours lab.
Advisories: ENGL-85, MATH-85.

This course is an introduction to the fundamentals of electricity and electronics including basic direct and alternating current circuits, passive components, measuring instruments, circuit testing and troubleshooting.

MERCED

9038 WC MTWTh 01:00p-05:05p Walls W VOC-42
Section 9038 is held from 08/15/16 to 10/20/16.

9410 WC MTWTh 01:00p-05:05p Walls W VOC-42
Section 9410 is held from 08/15/16 to 10/20/16.

ELCT-40A NETWORKING FOR HOME AND SMALL BUSINESSES
(ALSO: CPSC-40A)

[CILC areas A,C,E]

3 units: 2 hours lecture, 3 hours lab.
Advisories: ELCT-51A; ENGL-85; MATH-80 or MATH-85.

This curriculum helps students develop the skills needed to obtain entry-level networking jobs.

MERCED

9039 WC MTWTh 08:00a-12:05p Walls W VOC-42
Section 9039 is held from 08/15/16 to 09/20/16.

9411 WC MTWTh 08:00a-12:05p Walls W VOC-42
Section 9411 is held from 08/15/16 to 09/20/16.

ELCT-40B WORKING AT A SMALL-TO-MEDIUM BUSINESS OR ISP
(ALSO: CPSC-40B)

[CILC areas A,C,E]

3 units: 2 hours lecture, 3 hours lab.
Prerequisite: CPSC-40A or ELCT-40A.

This course prepares students for jobs as network technicians. Students develop soft skills required for computer and help desk technicians.

MERCED

9080 WC MTWTh 08:00a-12:15p Walls W VOC-42
Section 9080 is held from 09/26/16 to 10/27/16.

9412 WC MTWTh 08:00a-12:15p Walls W VOC-42
Section 9412 is held from 09/26/16 to 10/27/16.

ELCT-41 INDUSTRIAL MOTOR AND EQUIPMENT CONTROL
(APPLICATIONS OF ELECTRONICS)

3 units: 2 hours lecture, 3 hours lab.
Advisories: ELCT 34; ENGL-85.

This course is designed to present the principles and applications of electrical motor and equipment control techniques used in industry.

MERCED

9108 WC MTWTh 08:00a-12:00p Hamilton A IT-3
Section 9108 is held from 09/26/16 to 10/31/16.

9413 WC MTWTh 08:00a-12:00p Hamilton A IT-3
Section 9413 is held from 09/26/16 to 10/31/16.

ELCT-42A PRINCIPLES AND APPLICATIONS OF PROGRAMMABLE
LOGIC CONTROLLERS

2 units: 1 hour lecture, 3 hours lab.
Advisories: ELCT 34; ENGL-85.

This course provides instruction in industrial type of computers called “Programmable Logic Controllers” (PLCs).

MERCED

9094 WC MTWTh 12:45p-03:50p Nagano J IT-3
Section 9094 is held from 11/07/16 to 12/15/16.

9414 WC MTWTh 12:45p-03:50p Nagano J IT-3
Section 9414 is held from 11/07/16 to 12/15/16.

ELCT-42B ADVANCED TOPICS IN PLC CONFIGURATION AND
PROGRAMMING

2 unit: 1 hour lecture, 3 hours lab.
Prerequisite: ELCT-42A. Advisory: ELCT-31, ELCT-32, ELCT-34.

The course introduces students to a mid-size Programmable Logic Controller (Allen-Bradley SLC-500) hardware configuration, set-up and programming.

MERCED

9140 WC MW 01:00p-04:50p Hamilton A IT-1
Section 9140 is held from 08/15/16 to 10/12/16.
EMERGENCY MEDICAL CARE (EMER)

EMER-50A EMERGENCY MEDICAL TECHNICIAN 1, MODULE A
2.5 units: 2.25 hours lecture, .75 hours lab.
Limitation on enrollment: Negative TB skin test or negative chest x-ray for TB within 1 year; A CPR course based on American Red Cross Professional Rescuer or American Heart Association Healthcare Provider. Advisory ALLH-67; ENGL-85.
This is the first of two modules designed to teach basic emergency medical procedures and responsibilities, including stabilization of the sick and injured for transportation to medical facilities, care during transport, communication with base-hospital personnel, and transfer of the injured to the base-hospital emergency room.

EMER-50B EMERGENCY MEDICAL TECHNICIAN 1, MODULE B
4.5 units: 3.75 hours lecture, 2.25 hours lab.
Limitation on enrollment: Negative TB skin test or negative chest x-ray for TB within 1 year; A CPR course based on American Red Cross Professional Rescuer or American Heart Association Healthcare Provider. Prerequisite: EMER-50A. Advisories: ALLH-67; ENGL-85.
This course meets the requirements of Title 22, Division of California Administrative Code. Students successfully completing EMER-50A and EMER-50B are eligible to take the EMT 1 certifying exam from the National Registry of Emergency Medical Technicians.

EMER-50A
9169 MTWTh 08:30a-11:50a Lane J VOC-39
Section 9169 is held from 11/01/16 to 12/08/16.
The class includes a 60 minute lunch break.
9170 MW 05:30p-09:20p Aanstad J VOC-39
Section 9170 is held from 08/15/16 to 09/28/16.

EMER-50B
9171 MW 05:30p-09:20p Aanstad J VOC-39
Section 9171 is held from 10/03/16 to 12/16/16.

EMERGENCY MEDICAL TECHNICIAN 1 REFRESHER
1.5 units: 24 hours total lecture.
Limitation on enrollment: Current EMT Certification and Current CPR course based on American Red Cross Professional Rescuer or American Heart Association Healthcare Provider. Successful completion of an approved EMT 1 course and current CPR course based on American Red Cross Professional Rescuer or American Heart Association Healthcare Provider.
The course is for currently certified Emergency Medical Technician 1’s and for those that have successfully completed an approved EMT 1 course.

EMER-51 REFRESHER
9025 MTWTh 09:00a-11:50a McCall T VOC-39
Section 9025 is held from 08/15/16 to 09/09/16.

SHORT TERM CLASSES

ELCT-44 ELECTRONICS PROJECT DESIGN, FABRICATION AND REPAIR
3 units: 2 hours lecture, 3 hours lab.
Prerequisites: ELCT-30 or ELCT-31. Advisories: ENGL-85.
The aim of this course is to provide the student with an introduction to basic digital electronic devices (logic gates, flip-flops, seven-segment displays, counters, shift registers) and their applications in modern computing, mechatronics and automated systems.

MERCED
9090 WC MTWTh 08:00a-11:50a Walls W VOC-42
LC Section 9090 is held from 10/31/16 to 12/08/16.
9091 WC MTWTh 08:00a-11:50a Walls W VOC-42
Section 9091 is held from 10/31/16 to 12/08/16.

ELCT-47 ELECTRICAL MOTORS, GENERATORS, TRANSFORMERS, AND AC DISTRIBUTION
3 units: 2 hours lecture, 3 hours lab.
Advisories: ELCT-31; ENGL-85; MATH-80 or MATH-85.
This course covers principles of AC and DC motors, generators, transformers, three-phase generation, and AC distribution systems.

MERCED
9092 WC MTWTh 12:45p-04:15p Nagano J IT-3
LC Section 9092 is held from 09/26/16 to 11/03/16.
9093 WC MTWTh 12:45p-04:15p Nagano J IT-3
Section 9093 is held from 09/26/16 to 11/03/16.

ELCT-51A PERSONAL COMPUTER CONFIGURATION, ASSEMBLY AND REPAIR
[CILC area A]
3 units: 2 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-80 or MATH-85.
This is a course addressed to students without any previous knowledge of personal computers (PC). The course introduces students to the fundamentals of desktop computer installation through simple, step by step instruction based on the most recent CompTIA A+ exam objectives.

MERCED
9094 WC MTWTh 01:00p-04:50p Nagano J VOC-42
Section 9094 is held from 10/31/16 to 12/08/16.

ELCT-52 INTRODUCTION TO ELECTRICITY AND ELECTRONICS
3 units: 2.5 hours lecture, 1.5 hours lab.
Advisories: READ-81, ENGL-84; MATH-80 or MATH-85.
This is an introductory course to basic electronics/electricity theory and applications including resistance, inductance, capacitance in the series, parallel, and series-parallel circuits with DC and AC power sources.

MERCED
9111 WC MTWTh 08:30a-11:40a Hamilton A IT-3
LC Section 9111 is held from 08/15/16 to 09/20/16.
9112 WC MTWTh 08:30a-11:40a Hamilton A IT-3
Section 9112 is held from 08/15/16 to 09/20/16.

ELCT-55 ELECTRICAL CONDUIT BENDING THEORY AND TECHNIQUES
1 unit: 0.5 hour lecture, 1.5 hours lab.
Advisories: READ-81, ENGL-84; MATH-80 or MATH-85.
This course provides a comprehensive overview of conduit bending, fabrication procedures and methods. It will develop basic competencies in electrical apprentices and beginning learners.

MERCED
9113 WC MTWTh 08:00a-12:15p Hamilton A IT-3
LC Section 9113 is held from 12/05/16 to 12/15/16.
9114 WC MTWTh 08:00a-12:15p Hamilton A IT-3
Section 9114 is held from 12/05/16 to 12/15/16.

EMER-50A EMERGENCY MEDICAL TECHNICIAN 1, MODULE A
2.5 units: 2.25 hours lecture, .75 hours lab.
Limitation on enrollment: Negative TB skin test or negative chest x-ray for TB within 1 year; A CPR course based on American Red Cross Professional Rescuer or American Heart Association Healthcare Provider. Advisory ALLH-67; ENGL-85.
This is the first of two modules designed to teach basic emergency medical procedures and responsibilities, including stabilization of the sick and injured for transportation to medical facilities, care during transport, communication with base-hospital personnel, and transfer of the injured to the base-hospital emergency room.

If you are interested in obtaining more information regarding enrolling into the EMER 50A/B classes, please call (209)384-6058 or stop by the Vocational Building Room 18. A registration voucher will be required for registration and will be issued by the Business Division secretary when proof of requirements are presented in person.

MERCED
9169 TTh 09:30a-03:05p Donnelly B VOC-39
Section 9169 is held from 11/01/16 to 12/08/16.
The class includes a 60 minute lunch break.

9170 MW 05:30p-09:20p Aanstad J VOC-39
Section 9170 is held from 08/15/16 to 09/28/16.

EMER-50B EMERGENCY MEDICAL TECHNICIAN 1, MODULE B
4.5 units: 3.75 hours lecture, 2.25 hours lab.
Limitation on enrollment: Negative TB skin test or negative chest x-ray for TB within 1 year; A CPR course based on American Red Cross Professional Rescuer or American Heart Association Healthcare Provider. Prerequisite: EMER-50A. Advisories: ALLH-67; ENGL-85.
This course meets the requirements of Title 22, Division of California Administrative Code. Students successfully completing EMER-50A and EMER-50B are eligible to take the EMT 1 certifying exam from the National Registry of Emergency Medical Technicians.

If you are interested in obtaining more information regarding enrolling into the EMER 50A/B classes, please call (209)384-6058 or stop by the Vocational Building Room 18. A registration voucher will be required for registration and will be issued by the Business Division secretary when proof of requirements are presented in person.

MERCED
9171 MW 05:30p-09:20p Aanstad J VOC-39
Section 9171 is held from 10/03/16 to 12/16/16.

EMER-52 EMERGENCY MEDICAL TECHNICIAN 1 REFRESHER
1.5 units: 24 hours total lecture.
Limitation on enrollment: Current EMT Certification and Current CPR course based on American Red Cross Professional Rescuer or American Heart Association Healthcare Provider. Successful completion of an approved EMT 1 course and current CPR course based on American Red Cross Professional Rescuer or American Heart Association Healthcare Provider.
The course is for currently certified Emergency Medical Technician 1’s and for those that have successfully completed an approved EMT 1 course.

MERCED
9025 MTWTh 09:00a-11:50a McCall T VOC-39
Section 9025 is held from 08/15/16 to 09/09/16.
GUIDANCE (GUID)

GUID-30 FOUNDATIONS AND STRATEGIES FOR COLLEGE SUCCESS
(CSU breadth area E)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This comprehensive course integrates the cultivation of skills, values, and attitudes indicative of confident, capable students/individuals with problem solving and critical/creative thinking.
GUID-30 requires the purchase of the MBTI assessment for approximately $13.20 and the Strong Interest Inventory for about $8.55. Additional information will be provided in class.

ONLINE/HYBRID
2912 ONLINE
Smith D
CONTACT: dennell.smith@mccd.edu
Section 2912 is held from 10/17/16 to 12/16/16.

LOS BANOS
9907 WC MW 10:00a-11:50a Aagaard K LB-B-106
Section 9907 is held from 09/07/16 to 12/14/16.

GUID-53 PRACTICAL STRATEGIES FOR COLLEGE SUCCESS
1 unit: 1 hour lecture.
Advisory: ENGL-83; READ-80.
The course is designed to introduce practical strategies for college success. Topics addressed will include: orientation, assessment and awareness of values, choices and behaviors that impact college success, understanding the college catalog, college policies, and campus resources, choosing a major and understanding graduation and transfer requirements, goal setting, study strategies, and educational planning.

MERCED
9040 TTh 12:30p-01:45p Cambridge I VOC-110
Section 9040 is held from 08/15/16 to 09/22/16.
9041 TTh 12:30p-01:45p Cambridge I VOC-110
Section 9041 is held from 09/27/16 to 11/03/16.
9042 TTh 12:30p-01:45p Cambridge I VOC-110
Section 9042 is held from 11/08/16 to 12/15/16.

GUID-54 FOUNDATIONS AND STRATEGIES FOR ACADEMIC RECOVERY
3 units: 3 hours lecture.
Advisories: READ-81, ENGL-84.
This course is appropriate for students wishing to improve their academic standing.

ONLINE/HYBRID
2911 ONLINE
Clark S
CONTACT: clark.s@mccd.edu
Section 2911 is held from 10/17/16 to 12/16/16.

INDUSTRIAL TECHNOLOGY (INDT)

INDT-25 FLUID POWER
3 units: 2 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-80 or MATH-85.
This course covers the operational theory and practical applications of hydraulics, pneumatics and vacuum components and systems.

MERCED
9139 WC MTWTh 12:30p-04:05p Nagano J IT-3
Section 9139 is held from 08/15/16 to 09/22/16.
9420 WC MTWTh 12:30p-04:05p Nagano J IT-3
Section 9420 is held from 08/15/16 to 09/22/16.

INDT-38I INDUSTRIAL TECHNOLOGY COMPUTER APPLICATIONS AND LITERACY
[CILC area A,B,C,D,E,F]
3 units: 2 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-80 or MATH-85.
This course explores usage in the workplace with emphasis on industrial technology (IT) situations and applications.

MERCED
9088 WC MTWTh 12:30p-04:05p Thornburgh J VOC-40
LC Section 9088 is held from 08/15/16 to 09/22/16.
9421 WC MTWTh 12:30p-04:05p Thornburgh J VOC-40
Section 9421 is held from 08/15/16 to 09/22/16.

INDT-49 ELECTRICAL CODES AND ORDINANCES
3 units: 3 hours lecture.
Advisory: ENGL-85; MATH-80 or MATH-85.
This is a course in the interpretation and application of the National Electrical Code (NEG), and other national, state and local electrical codes and ordinances which regulate the installation, alteration and maintenance of electrical circuits, systems and equipment.

MERCED
9113 WC MTWTh 08:30a-11:40a Hamilton A IT-3
LC Section 9113 is held from 11/02/16 to 12/01/16.
9422 WC MTWTh 08:30a-11:40a Hamilton A IT-3
Section 9422 is held from 11/02/16 to 12/01/16.

INDT-52 REFRIGERANT USAGE CERTIFICATION AND R-410A SAFETY
1 unit: 1 hour lecture.
Advisory: ENGL-85.
This course prepares students for EPA certification in refrigerant handling and R410A safety.

MERCED
9089 WC S 08:00a-01:50p Nagano J IT-1
Section 9089 is held from 08/20/16 to 09/03/16.

KINESIOLOGY (KINE)

KINE-24A BEGINNING SWIMMING
1 unit: 3 hours lab.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.
This course is a general introduction to swimming and aquatics. It is designed for the beginner or non-swimmer who wants to learn aquatic fundamentals and receive stroke instruction in the front crawl, elementary backstroke, and sidestroke.

MERCED
9035 MWF 10:00a-11:25a McCall S POOL
Section 9035 is held from 08/15/16 to 10/14/16.

MANAGEMENT (MGMT)
THE MANAGEMENT SERIES AT THE BUSINESS RESOURCE CENTER:

MGMT-50B VALUES AND ETHICS
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to acquaint the participant with the importance of values and ethics in the workplace. Pass/No Pass only.

MERCED
9704 Th 08:00a-12:15p Pistoressi P BRC-122
Section 9704 is held from 12/01/16 and 12/08/16.
9705 Th 01:00p-05:15p Pistoressi P BRC-122
Section 9705 is held from 12/01/16 and 12/08/16.
MGMT-50G DECISION MAKING AND PROBLEM SOLVING
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to introduce the student to decision making and problem solving techniques including brainstorming, creativity in the workplace, how to find new perspectives, and seeking alternatives. Pass/No Pass only.

MERCED
9700 Th 08:00a-12:15p Pistoresi J BRC-122
Section 9700 is held 09/22/16 and 09/29/16.

9701 Th 01:00p-05:15p Pistoresi J BRC-122
Section 9701 is held 09/22/16 and 09/29/16.

MGMT-50N EMPLOYEE ENGAGEMENT
0.5 unit: 0.5 hour lecture.
Advisories: READ-81.
This course will define what Employee Engagement is and what it looks like in the workplace.

MERCED
9706 Th 08:00a-12:15p Pistoresi J BRC-122
Section 9706 is held 09/01/16 and 09/08/16.

9707 Th 01:00p-05:15p Pistoresi J BRC-122
Section 9707 is held 09/01/16 and 09/08/16.

MGMT-50S LEADING WITH YOUR STRENGTHS
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course will help students understand their unique strengths and how applying their strengths can give them their best opportunity for success. Students may not purchase a used book.

MERCED
9708 Th 08:00a-12:15p Pistoresi J BRC-122
Section 9708 is held on 11/03/16 and 11/10/16.

9709 Th 01:00p-05:15p Pistoresi J BRC-122
Section 9709 is held on 11/03/16 and 11/10/16.

MGMT-51C LEADERSHIP ESSENTIALS: WHAT EMERGING LEADERS NEED TO KNOW
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to acquaint the student with the essential things new and emerging leaders need to know. Pass/No Pass only.

MERCED
9702 Th 08:00a-12:15p Pistoresi P BRC-122
Section 9702 is held 10/06/16 and 10/13/16.

9703 Th 01:00p-05:15p Pistoresi P BRC-122
Section 9703 is held 10/06/16 and 10/13/16.

MGMT-51F CONFLICT RESOLUTION
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to introduce participants to the meaning of conflict, the causes of conflict, and strategies for resolving interpersonal conflict as well as dealing with difficult customers. Pass/No Pass only.

MERCED
9710 Th 08:00a-12:15p Pistoresi J BRC-122
Section 9710 is held 08/18/16 and 08/25/16.

9711 Th 01:00p-05:15p Pistoresi J BRC-122
Section 9711 is held 08/18/16 and 08/25/16.

MGMT-52D MANAGING ORGANIZATIONAL CHANGE
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to provide the participant with an understanding of change and the influence it has on an organization and the individuals in that organization. Pass/No Pass only.

MERCED
9712 Th 08:00a-12:15p Pistoresi J BRC-122
Section 9712 is held 10/20/16 and 10/27/16.

9713 Th 01:00p-05:15p Pistoresi J BRC-122
Section 9713 is held 10/20/16 and 10/27/16.

THE MANAGEMENT SERIES AT THE LOS BANOS CAMPUS

MGMT-50B VALUES AND ETHICS
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to acquaint the participant with the importance of values and ethics in the workplace. Pass/No Pass only.

LOS BANOS
9951 01:00p-05:15p Pistoresi P LB-A-105
Section 9951 is held on 08/03/16 and 08/10/16.

MGMT-50G DECISION MAKING AND PROBLEM SOLVING
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to introduce the student to decision making and problem solving techniques including brainstorming, creativity in the workplace, how to find new perspectives, and seeking alternatives. Pass/No Pass only.

LOS BANOS
9919 W 08:00a-12:15p Lacey E LB-B-136
Section 9919 is held on 10/05/16 and 10/12/16.

9914 W 01:00p-05:15p Lacey E LB-A-105
Section 9914 is held on 10/05/16 and 10/12/16.

MGMT-50C TIME MANAGEMENT
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to introduce the student to time management principles and specific tools that assist in making maximum use of time. Pass/No Pass only.

LOS BANOS
9917 W 08:00a-12:15p Lacey E LB-B-136
Section 9917 is held on 12/07/16 and 12/14/16.

9912 W 01:00p-05:15p Lacey E LB-B-105
Section 9912 is held on 12/07/16 and 12/14/16.

MGMT-50F CONFLICT RESOLUTION
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to introduce participants to the meaning of conflict, the causes of conflict, and strategies for resolving interpersonal conflict as well as dealing with difficult customers. Pass/No Pass only.

LOS BANOS
9916 W 08:00a-12:15p Pistoresi P LB-B-136
Section 9916 is held on 11/02/16 and 11/09/16.

9921 W 01:00p-05:15p Pistoresi P LB-A-105
Section 9921 is held on 11/02/16 and 11/09/16.
THE EVENING MANAGEMENT SERIES:

1. **MGMT-50P EMOTIONAL INTELLIGENCE**
   - 0.5 unit: 0.5 hour lecture.
   - Advisories: READ-81, ENGL-84.
   - This course is an introduction to the principles of Emotional Intelligence (EQ). EQ is the ability to identify and understand your emotions and those of others and use this understanding to guide your behavior and manage relationships. Pass/No Pass only.

2. **MGMT-51F CONFLICT RESOLUTION**
   - 0.5 unit: 0.5 hour lecture.
   - Advisories: READ-81, ENGL-84.
   - This course is designed to introduce participants to the meaning of conflict, the causes of conflict, and strategies for resolving interpersonal conflict as well as dealing with difficult customers. Pass/No Pass only.

3. **MGMT-50I ATTITUDE IN THE WORKPLACE**
   - 0.5 unit: 0.5 hour lecture.
   - Advisories: READ-81, ENGL-84.
   - This course is designed to acquaint the participant with key elements of stress management. Pass/No Pass only.

4. **MGMT-51G STRESS MANAGEMENT**
   - 0.5 unit: 0.5 hour lecture.
   - Advisories: READ-81, ENGL-84.
   - This course is designed to introduce the student to decision making and problem solving techniques including brainstorming, creativity in the workplace, how to find new perspectives, and seeking alternatives. Pass/No Pass only.

5. **MGMT-50G DECISION MAKING AND PROBLEM SOLVING**
   - 0.5 unit: 0.5 hour lecture.
   - Advisories: READ-81, ENGL-84.
   - This course is designed to introduce the student to key elements in the workplace and at home. Pass/No Pass only.

6. **MGMT-50D COMMUNICATION IN THE WORKPLACE**
   - 0.5 unit: 0.5 hour lecture.
   - Advisories: READ-81, ENGL-84.
   - This course is an introduction to the principles of Emotional Intelligence (EQ). EQ is the ability to identify and understand your emotions and those of others and use this understanding to guide your behavior and manage relationships. Pass/No Pass only.

7. **MGMT-50C TIME MANAGEMENT**
   - 0.5 unit: 0.5 hour lecture.
   - Advisories: READ-81, ENGL-84.
   - This course is designed to introduce the student to time management principles and specific tools that assist in making maximum use of time. Pass/No Pass only.

8. **MGMT-50P EMOTIONAL INTELLIGENCE**
   - 0.5 unit: 0.5 hour lecture.
   - Advisories: READ-81, ENGL-84.
   - This course is an introduction to the principles of Emotional Intelligence (EQ). EQ is the ability to identify and understand your emotions and those of others and use this understanding to guide your behavior and manage relationships. Pass/No Pass only.

Enrolling in a math course will automatically enroll you in a math laboratory (EDU-112B-5001). This laboratory is a noncredit course; therefore, there are no fees for this course and attendance is optional.
MATH-C INTERMEDIATE ALGEBRA
4 units: 4 hours lecture.
Prerequisite: MATH-81. Advisory: ENGL-85.
This course covers factoring, functions and graphs, solving linear, quadratic, piecewise defined, exponential, and logarithmic equations, rational expressions and equations, complex numbers, and conic sections.

MERCED
9122 $ SI MTWTh 12:00p-01:50p Mitchell P VOC-112
Section 9122 is held from 10/17/16 to 12/15/16.
9143 $ MTWTh 02:00p-03:50p Albert M SCI-202
Section 9143 is held from 08/15/16 to 10/13/16.

MATH-02 PRECALCULUS
(CSU breadth area B4) (IGETC area 2)
4 units: 4 hours lecture.
Prerequisite: MATH-25. Advisory: ENGL-85.
This course is designed to prepare students for calculus.

MERCED
9107 $ MTWF 08:00a-09:50a Sutterfield M SCI-208
Section 9107 is held from 10/17/16 to 12/14/16.

MATH-25 TRIGONOMETRY
(CSU breadth area B4)
3 units: 3 hours lecture.
Prerequisite: MATH-C. Advisory: ENGL-85.
This course is a review of right triangle geometry, real numbers, functions and graphs, trigonometric functions and their graphs, identities, inverse trigonometry functions, solve trigonometric equations, solve right triangles, solve triangles using the Law of Sines, and Law of Cosines.

MERCED
9144 $ MTW 02:00p-03:50p Staff SCI-202
Section 9144 is held from 10/17/16 to 12/14/16.
9123 MWF 08:00a-09:50a Hogan G SCI-208
Section 9123 is held from 08/15/16 to 10/14/16.

MATH-80 PREALGEBRA
4 units: 4 hours lecture.
Prerequisite: MATH-91. Advisories: READ-81.
This course is an intensive review of the whole number system, including counting, notation, word names, and the number line. Particular emphasis is placed on the basic computational skills: addition, subtraction, multiplication, and division. Written problems and life skills will be emphasized throughout the course.

MATH-90 FUNDAMENTALS OF ARITHMETIC
3 units: 3 hours lecture.
Advisory: ENGL-90.
This course is an intensive review of the whole number system, including counting, notation, word names, and the number line. Particular emphasis is placed on the basic computational skills: addition, subtraction, multiplication, and division. Written problems and life skills will be emphasized throughout the course.

MECHANIZED AGRICULTURE & DIESEL EQUIPMENT MECHANICS (MECH)

MECH-21 HYDRAULICS
3 units: 2 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-80.
This is an introduction to the principles of hydraulics applied to farm and light industrial equipment.

MERCED
9098 WC MTWTh 01:00p-04:30p Donovan T MA-1
9400 WC MTWTh 01:00p-04:30p Donovan T MA-1
Section 9400 is held from 10/20/16 to 12/01/16.

MECH-22A DIESEL ENGINES
4 units: 2 hours lecture, 6 hours lab.
Advisories: ENGL-85; MATH-80.
This course explores the operation and repair of modern diesel engines. Principles and theories are studied by running, testing, diagnosing, disassembling and reassembling components, systems, and engines.

MERCED
9100 WC MTWTh 08:00a-11:50a Fishman D MA-1
Section 9100 is held from 08/15/16 to 10/19/16.
9401 WC MTWTh 08:00a-11:50a Fishman D MA-1
Section 9401 is held from 08/15/16 to 10/19/16.

MECH-26 POWER EQUIPMENT ELECTRICAL SYSTEMS
3 units: 2 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-80.
This course is a study of the fundamentals of electricity with applications to current power equipment electrical systems.

MERCED
9102 WC MTWTh 08:00a-11:30a Fishman D MA-1
Section 9102 is held from 10/20/16 to 12/01/16.
9402 WC MTWTh 08:00a-11:30a Fishman D MA-1
Section 9402 is held from 10/20/16 to 12/01/16.

MECH-30 EQUIPMENT MECHANICS SKILLS
2 units: 1 hour lecture, 3 hours lab.
Advisories: ENGL-85; MATH-80.
This course is an introduction to skills and safety required within the Diesel Mechanics and Mechanized Agriculture areas. The course will include identification and use of hand tools and power equipment used within the equipment mechanic area.

MERCED
9097 WC MTWTh 01:00p-04:50p Donovan T MA-1
Section 9097 is held from 08/15/16 to 09/14/16.
9403 WC MTWTh 01:00p-04:50p Donovan T MA-1
Section 9403 is held from 08/15/16 to 09/14/16.
MECH-31 EQUIPMENT SAFETY
1 unit: 1 hour lecture.
Advisories: ENGL-85; MATH-80.
This course is a study of safety on and about farm equipment and machines. The safe operation and daily maintenance of machines commonly used in the daily operation of farming operations will be covered along with hitching, driving, and operational safety skills.

MERCEDE
9096 F 12:00p-04:15p Fishman D MA-1
Section 9096 is held from 08/19/16 to 09/09/16.
9081 WC 12:00p-04:15p Fishman D MA-1
Section 9081 is held from 09/16/16 to 10/07/16.

MECH-33 POWER EQUIPMENT AIR CONDITIONING
2 units: 1 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-80.
This is a study of power equipment air conditioning fundamentals designed to give the student knowledge and competencies in modern power equipment HVAC systems.

MERCEDE
9098 WC MTWTh 01:00p-04:50p Donovan T MA-1
Section 9098 is held from 09/19/16 to 10/18/16.
9404 WC MTWTh 01:00p-04:50p Donovan T MA-1
Section 9404 is held from 09/19/16 to 10/18/16.

MUSIC
MUSG-14 AMERICAN POPULAR MUSIC HISTORY
(CSU breadth area C1) (IGETC area 3A)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course presents an introduction to the history and literature of the popular music movement in the United States; it is a study of the relationships of popular music to the social history of America.

MERCEDE
9383 TTh 05:30p-08:20p Keane F IAC-109
Section 9383 is held from 08/15/16 to 10/14/16.
9385 TTh 05:30p-08:20p Keane F IAC-109
Section 9385 is held from 08/17/16 to 12/15/16.

REGISTERED NURSING (REGN)
REGN-01 TRANSITION LVN TO RN
2 units: 1 hour lecture, 3 hours lab.
Limitation on enrollment: California VN license. Prerequisites: BIOL-16, BIOL-18, BIOL-20; ENGL-01A; MATH-C.
Registered Nursing 01 is a series of lectures and discussions that provides the concepts and principles necessary to facilitate the transition of the Licensed Vocational Nurse to the changing role of the Registered Nurse.

MERCEDE
9008 WC WTh 01:00p-04:50p Cazares K AHC-157
Section 9008 is held from 10/19/16 to 12/15/16.

REGN-02 CLINICAL SKILLS TRANSITION - LVN TO RN
1 unit: 3 hours TBA lab.
Limitation on enrollment: California VN license, enrolled in REGN Program 3rd semester. Prerequisites: REGN-01.
Registered Nursing 02 consists of practice in the clinical setting with the skills and principles necessary to facilitate the transition of the Licensed Vocational Nurse to the changing role of the Registered Nurse.

MERCEDE
9048 54 hours by arrangement Provencio G HOSP
Section 9048 is held from 10/19/16 to 12/15/16.

REGN-15 FOUNDATIONS OF NURSING
[CILC Area B,C,D,E,F,G] 9 units: 4 hours lecture, 15 hours lab TBA.
Limitation on enrollment: 1) Enrollment in the REGN program, 2) CPR card Module AC, 3) physical within past 6 months, 4) negative TB screening test within past 6 months or negative chest x-ray within past year, 5) proof of current immunizations, 6) criminal background clearance, 7) drug screening. Prerequisites: BIOL-16, BIOL-18, BIOL-20; ENGL-01A; MATH-C. Two-way corequisites: REGN-18.
Registered Nursing 15 (Foundations of Nursing) focuses on foundational concepts necessary for safe, patient-centered nursing care to a diverse patient population while integrating legal and ethical responsibilities of the nurse.

MERCEDE
1159 WC WTh 08:00a-09:50a Schindler W AHC-128
Section 1159 also requires 270 hours by arrangement.

VOCA TIONAL NURSING (VOCN)
VOCN-46A APPLIED MATHEMATICS FOR PHARMACOLOGY
1 unit: 1 hour lecture.
Prerequisites: ENGL-01A; MATH-81.
This is an introductory pharmacology course which includes an introduction to the professional context of drug administration, and study of the metric, apothecary, and household systems of measurement. Nursing responsibility to patient safety is included.

MERCEDE
9133 F 08:00a-09:50a Sparks R AHC-130
Section 9133 is held from 08/19/16 to 10/14/16.

NUTRITION (NUTR)
NUTR-41 INFANT AND TODDLER FEEDING (ALSO: CLDV-41)
1 unit: 1 hour lecture.
Advisory: ENGL-85.
This course focuses on feeding typical and atypical developing infants beginning at birth with breast milk, formulas, first foods and progresses to textures and foods appropriate for the toddler.

ONLINE/HYBRID
2910 ONLINE Pecchenino M
Section 2910 is held from 10/17/16 to 11/25/16.
CONTACT: pecchenino.m@mccd.edu
MANDATORY: ORIENTATION - Friday, October 21, 2016; 09:00a-09:50a; VOC-113.

NUTR-43 CHILDREN AND WEIGHT CONCERNS
1 unit: 1 hour lecture.
Advisory: ENGL-85.
This course is designed to provide an overview of the problem of childhood obesity.

MERCEDE
9034 S 08:00a-02:20p Gerling S VOC-37
Section 9034 is held from 09/10/16 to 09/24/16.
Section 9034 includes a 30 minute lunch.

NUTR-44 FOOD SAFETY AND SANITATION
2 units: 2 hours lecture.
Advisory: ENGL-85.
This beginning course is designed to teach basic food safety principles of personal and institutional sanitation.

MERCEDE
9092 TTh 02:00p-03:50p Hobbs J VOC-38
Section 9092 is held from 08/15/16 to 10/14/16.
The ServSafe Manager exam is administered for this course.
NUTR-45 INTRODUCTION TO THERAPEUTIC DIETS
2 units: 2 hours lecture.
Advisory: ENGL-85.
This course is designed to acquaint students with therapeutic and modified diets used in health care facilities.

ONLINE/HYBRID
2913 ONLINE
Section 2913 is held 08/15/16 to 10/14/16.
CONTACT: For course-specific questions contact the professor of the class pecchenino.m@mccd.edu.
MANDATORY ORIENTATION: Friday, August 19, 2016; 09:00a-9:50a; VOC-113.
IN-CLASS SESSION: September 16, 2016; 09:00a-9:50a; VOC-113.
COMMENTS: Remaining hours will be held on-line.

NUTR-50 BAKING BASICS AND BUSINESS
1.5 units: 1 hour lecture, 1.5 hours lab.
Advisory: MATH-91.
This is a course designed to introduce basic bakery production. With the growing interest and demand in the food industry it is imperative that students are introduced to basics of food safety practices, quantifying recipes and understand the business sense to provide a quality product.

PHILOSOPHY (PHIL)
PHIL-10 CRITICAL THINKING
(CSU breadth area A3) [CILC area G]
3 units: 3 hours lecture.
Prerequisites: ENGL-85. Advisory: ENGL-01A.
This is a practical course in sound and logical reasoning. The focus of this course is to develop the abilities to analyze, to criticize, and to reach reasoned conclusions.

MERced
9148 MW 05:30p-07:50p Saewert B VOC-142
Section 9148 is held from 08/15/16 to 10/14/16.

PSYCHOLOGY (PSYC)
PSYC-01A INTRODUCTION TO PSYCHOLOGY
(C-ID PSY 110) (CSU breadth area D) (IGETC area 4)
3 units: 3 hours lecture.
Advisory: ENGL-85.
PSYC-01A is a survey course designed to provide an introduction to the facts and theories underlying human behavior.

MERced
9021 MWF 10:00a-11:50a Clifford J VOC-8
Section 9021 is held from 10/17/16 to 12/16/16.

MERced
9188 TTH 12:30p-03:20p Gargano G VOC-8
Section 9188 is held from 08/15/16 to 10/14/16.

LOS BANOS
4701 TTH 08:00a-09:15a Coahran S LB-B-107
8701 T 07:00p-09:50p Pierce T LB-B-107
Section 7021 is held at Livingston High School; 1617 Main Street; Livingston.

PSYC-22 HUMAN SEXUALITY
(C-ID PSY 130) (CSU breadth area D/E) (IGETC area 4)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course explores the psychology of human sexuality. Psychological, biological, and sociocultural research is presented concerning all aspects of human sexuality in contemporary society.

MERced
9020 MWF 10:00a-11:50a Clifford J VOC-8
Section 9020 is held from 08/15/16 to 10/14/16.

PSYC-23 PERSONAL AND SOCIAL ADJUSTMENT
(C-ID PSY 115) (CSU breadth area D/E) (IGETC area 4)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course examines personality factors as they relate to the problems of growth and adjustment.

MERced
1882 M 11:00a-01:50p Murphy J LESH-111
9189 TTH 12:30p-03:20p Gargano G VOC-8
Section 9189 is held from 10/17/16 to 12/16/16.

MERced
9020 MWF 10:00a-11:50a Clifford J VOC-9
Section 9020 is held from 08/15/16 to 10/14/16.

PSYC-23 PERSONAL AND SOCIAL ADJUSTMENT
(C-ID PSY 115) (CSU breadth area D/E) (IGETC area 4)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course examines personality factors as they relate to the problems of growth and adjustment.

MERced
9020 MWF 10:00a-11:50a Clifford J VOC-8
Section 9020 is held from 08/15/16 to 10/14/16.

MERced
9189 TTH 12:30p-03:20p Gargano G VOC-8
Section 9189 is held from 10/17/16 to 12/16/16.

MERced
9020 MWF 10:00a-11:50a Clifford J VOC-9
Section 9020 is held from 08/15/16 to 10/14/16.

MERced
9145 Th 10:00a-02:15p Donnelly S AHC-148
Section 9145 is held from 10/20/16 to 12/15/16.
VC-50 PODCASTING
0.50 unit; 1/2 hour lecture.
Limitation on enrollment: Enrollment limited by number of work stations in the classroom. Advisories: VIRT-51
Students will learn how to design and produce their own audio podcasts using free internet based podcasting tools. (5/12)

MECRED
9084 WC MW 08:00a-09:20a Pirtle T VOC-114
Section 9084 is held from 10/17/16 to 11/04/16.

VIRT-56 INTRODUCTION TO SEARCH ENGINE OPTIMIZATION
1 unit; 1 hour lecture.
Advisory: AOM-58
This course is an introduction to the basics of search engine optimization, including the formulation of appropriate keyword planning and the measurement of optimization.

MECRED
9117 WC S 09:00a-11:50a Carroll C VOC-114
Section 9117 is held from 10/01/16 to 11/05/16.

WELDING TECHNOLOGY (WELD)
WELD-06 FUNDAMENTALS OF OXY-FUEL WELDING AND SHIELDED METAL ARC WELDING (ALSO: MECH-06)
3 units; 2 hour lecture, 3 hours lab.
Advisories: READ-81, ENGL-84; MATH-80 or MATH-85.
This course emphasizes development of minimum skill standards in welding.

MECRED
9044 WC MTWTh 08:30a-10:30a Russell C PS-2
& TTh 05:10p-07:00p Fishman D AG-10
Section 9044 is held from 08/15/16 to 09/22/16.
9130 WC TTh 05:10p-07:00p Fishman D IT-6
& TTh 07:00p-10:00p Fishman D IT-6
Section 9130 is held from 08/16/16 to 10/13/16.

WELD-07 FUNDAMENTALS OF T.I.G. AND M.I.G. WELDING
3 units; 2 hours lecture, 3 hours lab.
Advisories: READ-81, ENGL-84; MATH-80 or MATH-85.
This course emphasizes the development of minimum skill standards in welding.

MECRED
9047 WC MTWTh 08:30a-10:30a Russell C PS-2
& LC MTWTh 10:30a-04:15p Russell C IT-6
Section 9047 is held from 09/26/16 to 10/13/16.
Section 9047 includes a 30 minute lunch break.
9131 WC MW 05:00p-06:50p Regalo R PS-2
& & MW 06:50p-10:05p Regalo R IT-6
Section 9131 is held from 08/15/16 to 10/12/16.

WELD-40A INTRODUCTION WELDING DESIGN AND CONSTRUCTION
3 units; 2 hours lecture, 3 hours lab.
Prerequisite: WELD-07. One-way corequisite: MATH-85. Advisories: READ-81, ENGL-84.
This course covers basic metal fabrication skills as well as the design and construction of special industrial and agricultural equipment.

MECRED
9124 WC MTWTh 08:30a-10:30a Russell C PS-2
& LC MTWTh 10:30a-04:15p Russell C IT-6
Section 9124 is held from 10/17/16 to 11/03/16.
Section 9124 includes a 30 minute lunch break.
9132 WC MW 05:10p-07:00p Staff PS-2
& & MW 07:00p-10:00p Staff IT-6
Section 9132 is held from 10/17/16 to 12/14/16.

WELD-40B ADVANCED WELDING DESIGN AND CONSTRUCTION
3 units; 2 hours lecture, 3 hours lab.
Prerequisite: WELD-40A. Advisories: READ-81, ENGL-84.
This course is a continuation of WELD 40A. It covers basic and advanced metal fabrication skills as well as the design and construction of special agricultural and industrial equipment.

MECRED
9127 WC MTWTh 08:30a-10:30a Russell C PS-2
& LC MTWTh 10:30a-04:15p Russell C IT-6
Section 9127 is held from 11/07/16 to 11/28/16.
Section 9127 includes a 30 minute lunch break.
9423 WC MTWTh 08:30a-10:30a Russell C PS-2
& MTWTh 10:30a-04:15p Russell C IT-6
Section 9423 is held from 11/07/16 to 11/28/16.
Section 9423 includes a 30 minute lunch break.

WELD-46 ADVANCED ARC WELDING PROCEDURES
1 unit; 3 hours lab.
Advisories: MATH-80 or MATH 85; WELD-06 or MECH-06; WELD-07.
This course is designed to emphasize the skills and techniques of Shielded Metal Arc Welding, Gas Metal Arc Welding, Gas Tungsten Arc Welding, Air Carbon Arc Cutting and Oxygen/Acetylene flame cutting as related to pipe and structural members.

MECRED
9128 WC MTWTh 08:30a-10:30a Russell C PS-2
& LC MTWTh 10:30a-04:25p Russell C IT-6
Section 9128 is held from 11/29/16 to 12/08/16.
Section 9128 includes a 30 minute lunch break.
9424 WC MTWTh 08:30a-10:30a Russell C PS-2
& MTWTh 10:30a-04:15p Russell C IT-6
Section 9424 is held from 11/29/16 to 12/08/16.
Section 9424 includes a 30 minute lunch break.
SUPPLEMENTAL INSTRUCTION

Want better grades?

Supplemental Instruction (SI) is an academic assistance program that utilizes peer-assisted study sessions to assist students with traditionally difficult academic courses. Three study sessions will be scheduled each week outside of the class time, allowing students the opportunity to compare notes, discuss readings, develop organizational tools, and predict test items, with the SI leader’s assistance. Students learn how to integrate course content and study skills while working together. The sessions are facilitated by “SI leaders”, students who have previously done well in the course, and who attend all class lectures, take notes, and act as model students. SI sessions are open to all students in the course and are attended on a voluntary basis.

**BIOLOGY (BIOL)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>BIOL-02 HUMAN BIOLOGY</td>
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<td>MERCED</td>
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<tr>
<td>1258 $ SI  MWF 11:00a-11:50a Estrella C</td>
<td>VOC-140</td>
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<tr>
<td>1267 $ SI  MWF 11:00a-11:50a Estrella C</td>
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<tr>
<td>1282 $ SI  MWF 11:00a-11:50a Estrella C</td>
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**CHEMISTRY (CHEM)**

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<tr>
<td>CHEM-04A GENERAL CHEMISTRY I</td>
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<td>1572 $ SI  MWF 10:00a-10:50a Weathers A</td>
<td>SCI-208</td>
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<tr>
<td>1573 $ SI  MWF 10:00a-10:50a Weathers A</td>
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**MATHEMATICS (MATH)**

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<tr>
<td>MATH-10 ELEMENTARY STATISTICS</td>
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<tr>
<td>1014 SI  MWF 08:00a-08:50a Clark J</td>
<td>SCI-203</td>
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**ENGLISH (ENGL)**

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<th>Course</th>
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<tr>
<td>ENGL-01A COLLEGE COMPOSITION AND READING</td>
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<tr>
<td>1781 WC SI TTh 12:00p-01:50p Flatt S</td>
<td>VOC-111</td>
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<tr>
<td>1850 WC SI TTh 12:00p-01:50p Baker W</td>
<td>VOC-143</td>
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<tr>
<td>ENGL-13 CRITICAL REASONING AND WRITING (ALSO: PHIL-13)</td>
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<tr>
<td>1693 WC SI TTh 11:00a-12:15p McBride J</td>
<td>VOC-110</td>
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<tr>
<td>ENGL-85 FOUNDATIONS IN ACADEMIC LITERACY</td>
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<tr>
<td>1763 WC MWF 09:15a-10:20a Piro V</td>
<td>VOC-111</td>
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**READING (READ)**

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<tr>
<td>READ-81 FOUNDATIONS IN READING III</td>
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<tr>
<td>1273 WC TTh 11:00a-12:15p Daughdrill J</td>
<td>IAC-122</td>
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**LC—Learning Community class.** See page 57 for details.
**$—Requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.**
**SI—Supplemental Instruction class.** See page 83 for details.
**Online/Hybrid Classes.** See page 64 for details.
**WC—Web Component which will require you to have internet access.**
LOS BANOS CAMPUS

22240 Highway 152; Los Banos, CA 93635 (209) 826-3495 or (209) 381-6411

MERCED COLLEGE STUDENT SERVICES & COUNSELING
MERCED CAMPUS AND LOS BANOS CAMPUS

Hours are subject to change

AUGUST 15, 2016 - DECEMBER 16, 2016
Monday, Tuesday, Thursday, Friday.............. 08:00a-04:30p
Wednesday.................................................. 08:00a-07:00p

FALL 2016 EXCEPTIONS:
AUGUST 10-11, 2016
Wednesday, Thursday .................................... 08:00a-07:00p
AUGUST 15-18, 2016
Monday, Tuesday, Wednesday, Thursday....... 08:00a-07:00p
AUGUST 29 - OCTOBER 7, 2016
Daily (no Wednesday nights) ......................... 08:00a-04:30p
NOVEMBER 23, 2016
Wednesday................................................... 08:00a-04:30p
DECEMBER 21, 2016
Wednesday................................................... 08:00a-04:30p

MERCED COLLEGE STUDENT FEES
MERCED CAMPUS AND LOS BANOS CAMPUS

Hours are subject to change

AUGUST 15, 2016 - DECEMBER 16, 2016
Monday, Tuesday, Thursday, Friday.............. 08:00a-04:00p
Wednesday................................................... 08:00a-06:30p

FALL 2016 EXCEPTIONS:
AUGUST 10-11, 2016
Wednesday, Thursday .................................... 08:00a-06:30p
AUGUST 15-18, 2016
Monday, Tuesday, Wednesday, Thursday ....... 08:00a-06:30p
AUGUST 29 - OCTOBER 7, 2016
Daily (no Wednesday nights) ......................... 08:00a-04:00p
NOVEMBER 23, 2016
Wednesday................................................... 08:00a-04:00p
DECEMBER 21, 2016
Wednesday................................................... 08:00a-04:00p

LOS BANOS CAMPUS
(209 AREA CODE)
Los Banos Campus Switchboard .......... 826-3495 or 381-6411
Bookstore.................................................. 381-6424
CalWORKs Program................................. 381-6428
Computer Lab.......................... 381-6421
Continuing Education (Non-credit Program)..... 381-6419
Counseling........................................ 381-6411
Disabled Students Program & Services (DSP&S).... 381-6423
EOPS........................................ 381-6521
Financial Aid............................................ 381-6435
Library........................................ 381-6427
Police........................................ 381-6425
Student Fees Office.................... 381-6419
Student Help Desk......................... 381-6565
Veterans’ Services..................... 826-3495 or 381-6432
## LOS BANOS CAMPUS CLASSES

### ACCOUNTING (ACTG)

**ACTG-04A FINANCIAL ACCOUNTING**  
(C-ID ACCT 110)  
4 units: 4 hours lecture.  
Advisories: ACTG-51; ENGL-85.  
This course provides the student with the knowledge of corporate financial statement reporting and the ability to analyze the reports of a corporation.

**LOS BANOS**  
4001 $  
TTh  
05:00p-06:50p  
Snipes R  
LB-B-137

**ACTG-53 FUNDAMENTALS OF INCOME TAX ACCOUNTING**  
3 units: 3 hours lecture.  
Advisories: ACTG-51 or ACTG-04A; ENGL-85.  
This course provides the student with the knowledge of tax laws, accounting procedures, and preparation of required returns for federal income taxes.

**LOS BANOS**  
8009 $  
W  
07:00p-09:50p  
Staff  
LB-B-137

### ADMINISTRATIVE OFFICE MANAGEMENT (AOM)

**AOM-30 COMPUTER APPLICATIONS  (ALSO: CPSC-30)**  
3 units: 2 hours lecture, 3 hours lab.  
Advisories: AOM-50A or AOM-50B (keyboard at a minimum of 20 GWAM); READ-81; ENGL-84; MATH-80.  
This course is intended for students seeking an introduction to application software used in the workplace with emphasis on business situations.

**LOS BANOS**  
4254 WC  
TTh  
08:00a-10:15a  
Robinson D  
LB-A-109  
COMMENTS: Microsoft Office 2013 Professional software is required (to include ACCESS).

8254  
MW  
07:00p-09:15p  
Staff  
LB-A-106  
Section 8254 requires Microsoft Office 2013 Professional is required to include ACCESS.

### ALLIED HEALTH (ALLH)

**ALLH-60 NURSE ASSISTANT**  
5.5 units: 3 hours lecture, 7.5 hours lab.  
Limitation on enrollment: Orientation workshop; CPR card - Module A/C; negative TB screening test within past 6 months or negative chest x-ray within past year; DOJ fingerprint clearance; Penal Code Violations clearance. Advisories: READ-80; ENGL-84.  
The course provides clinical instruction and practice of basic nursing skills required of nursing assistants employed in skilled nursing facilities and extended care facilities.

**ALLH-60 requires a mandatory orientation.**  

**LOS BANOS**  
4031  
T  
05:00p-07:50p  
Lima B  
LB-B-138  
& S  
06:30a-02:25p  
Lima B  
LB-B-138  
Section 4031 Lab includes a 30 minute lunch break.  
Section 4031 Lab will meet from 08/15/16 to 09/03/16 in LB-B-138.  
Beginning 09/04/16 this section will meet at the New Bethany Skilled Nursing Facility; 1441 Berkeley Dr.; Los Banos.  
Section 4031 Lab does not meet on 09/03/16 & 11/26/16.

**ALLH-67 MEDICAL TERMINOLOGY**  
3 units: 3 hours lecture.  
Advisory: ENGL-85.  
This course is a study of general medical terminology -- diagnostic, operative, and symptomatic terms related to body systems -- with emphasis on proper spelling and pronunciation.

**LOS BANOS**  
8117 $  
Th  
07:00p-09:50p  
Fan S  
LB-B-106

### AMERICAN SIGN LANGUAGE (ASLG)

**ASLG-02 INTERMEDIATE AMERICAN SIGN LANGUAGE**  
3 units: 3 hours lecture.  
Prerequisite: ASLG-01.  
This course provides intermediate practice understanding and signing American Sign Language and appreciating the basic elements of the deaf culture.

**LOS BANOS**  
4043 WC  
F  
09:00a-11:50a  
Young Pfeiffer S  
LB-B-136

### ART (ART)

**ART-01 ART HISTORY: ANCIENT THROUGH GOTHIC**  
(CSU breadth area C1) (IGETC area 3A)  
3 units: 3 hours lecture.  
Prerequisite: ENGL-85. Advisory: ENGL-01A.  
This course is a survey that examines the historical contexts of humanity through the development of art, architecture, painting, sculpture, and the minor arts, from pre-history through the Gothic period.

**LOS BANOS**  
4081 F  
09:00a-11:50a  
Staff  
LB-B-106

**ART-15 DESIGN: 2-D FOUNDATIONS**  
3 units: 2 hours lecture, 3 hours lab.  
Advisory: ENGL-01A.  
This studio survey class is a required foundation course for the study of the Visual Arts.

**LOS BANOS**  
4093 TTh  
10:00a-12:15p  
Donovan M  
LB-B-101

**ART-24A DRAWING I**  
(C-ID ARTS 110)  
3 units: 2 hours lecture, 3 hours lab.  
Prerequisite/Advisory: None.  
This course is an introduction to the principles, theories, and techniques of drawing and composition.

**LOS BANOS**  
4105 TTh  
02:00p-04:15p  
Donovan M  
LB-B-101

**ART-24B INTERMEDIATE DRAWING**  
(C-ID ARTS 205)  
3 units: 2 hours lecture, 3 hours lab.  
Prerequisite: ART-24A.  
This course is an exploration of artistic concepts, styles, and creative expression related to intermediate-level drawing, focusing on complex subject matter and concepts using a variety of drawing mediums, techniques, and methodologies.

**LOS BANOS**  
4107 TTh  
02:00p-04:15p  
Donovan M  
LB-B-101

### ASTRONOMY (ASTR)

**ASTR-01 PRINCIPLES OF ASTRONOMY**  
(CSU breadth area B1) (IGETC area 5A)  
3 units: 3 hours lecture.  
Advisory: ENGL-85.  
This is a basic course studying the principles of astronomy beginning with the solar system and continuing through the Milky Way Galaxy and the galaxies beyond.

**LOS BANOS**  
8117 $  
Th  
07:00p-09:50p  
Fan S  
LB-B-106
BIOLOGY (BIOL)

BIOL-01 GENERAL BIOLOGY FOR NON-MAJORS
(CSU breadth area B2/B3) (IGETC area 5B/5C)
4 units: 3 hours lecture, 3 hours lab.
Limitation on enrollment: This course is not open to students having a C or better in BIOL-04A. Prerequisite: ENGL-85.
This is an introductory-level course designed for non-majors. Areas stressed include the origin of life, structure and function of cells, basic processes of life, reproduction, ecology, microbiology, evolution, classification, genetics, and metabolic processes.

LOS BANOS
4131 WC TTh 11:00a-12:15p Schroeder K LB-B-106
T 02:00p-04:50p Schroeder K LB-B-102

BIOL-02 HUMAN BIOLOGY
(CSU breadth area B2/B3) (IGETC area 5B/5C)
3 units: 3 hours lecture.
Limitation on enrollment: This course is not open to students having a C or better in BIOL-04A. Prerequisite: ENGL-85.
This course is an introduction to the principles of biology with an emphasis on humans.

LOS BANOS
4137 WC MW 12:30p-01:45p Schroeder K LB-B-106
M 02:00p-04:50p Schroeder K LB-B-102
4139 WC MW 12:30p-01:45p Schroeder K LB-B-106
W 02:00p-04:50p Schroeder K LB-B-102

BIOL-06 ENVIRONMENTAL SCIENCE
(CSU breadth area B2) (IGETC area 5B)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This introductory course examines Earth as an ecosystem composed of biological, chemical, and physical processes with emphasis on man’s impact on the planet.

ONLINE/HYBRID
2590 ONLINE
CONTACT: Latham E
(209) 386-6728; Office LB-B-133, Los Banos Campus.
COMMENTS: All enrolled students must log on to the class using the Blackboard log-in page within the first 3 days of the class starting or may be dropped from the course. Students on the waitlist must EMAIL the instructor within the first 3 days of the class START date or they will be dropped from the waitlist. Instructor has office hours in Los Banos.

BIOL-16 GENERAL HUMAN ANATOMY
(C-ID BIOL 110B) (CSU breadth area B2/B3) (IGETC area 5B/5C)
4 units: 2 hours lecture, 6 hours lab.
Prerequisite: BIOL-01 or BIOL-02 or BIOL-04A; ENGL-85.
This course is an intensive study of the structure of the human body.

LOS BANOS
4141 WC TTh 01:00p-01:50p Latham E LB-B-107
TTh 09:00a-11:50a Latham E LB-B-104
4143 WC TTh 01:00p-01:50p Latham E LB-B-107
TTh 02:00p-04:50p Latham E LB-B-104

BIOL-18 PRINCIPLES OF PHYSIOLOGY
(CSU breadth area B2/B3) (IGETC area 5B/5C)
4 units: 3 hours lecture, 3 hours lab.
Prerequisites: BIOL-01 or BIOL-02 or BIOL-04A or BIOL-16; CHEM-02A; ENGL-85; MATH-C.
This course is a general lecture and laboratory course in human physiology, including a study of blood and circulation, respiration, muscle activity, endocrine glands, digestion, excretion, and the functions and activities of the brain, nerves, and sense organs.

LOS BANOS

BUSINESS (BUS)

BUS-10 INTRODUCTION TO BUSINESS
3 units: 3 hours lecture.
Advisory: CPSC-30; ENGL-85.
This survey course is an overview of all aspects involved in business. It covers economic foundations, types of business organizations, marketing, money and banking, and finance.

LOS BANOS
8171 M 07:00p-09:50p Staff LB-B-107

CHEMISTRY (CHEM)

CHEM-02A INTRODUCTORY CHEMISTRY
(CSU breadth area B1/B3) (IGETC area 5A/5C)
4 units: 3 hours lecture, 3 hours lab.
Prerequisite: MATH-C. Advisories: ENGL-85.
This is an introduction to the general principles of inorganic chemistry, atomic and molecular structure, states of matter, solutions, and radioactivity. The class is designed for students majoring in liberal studies; nursing or agriculture.

LOS BANOS
8191 $ W 02:00p-04:50p Sigismond D LB-B-105
M 05:30p-08:20p Sigismond D LB-B-106
8193 $ W 05:30p-08:20p Sigismond D LB-B-105
M 05:30p-08:20p Sigismond D LB-B-106

CHEM-04A GENERAL CHEMISTRY I
(CSU breadth area B1/B3) (IGETC area 5A/5C) (C-ID CHEM 120S)
5 units: 3 hours lecture, 6 hours lab.
Prerequisites: CHEM-02A; MATH-C. Advisory: ENGL-85.
This course is designed to teach general principles of chemistry emphasizing nomenclature, chemical equations, stoichiometry, concentration, gas laws, atomic structure, bonding, intermolecular forces, and crystalline solids.

LOS BANOS
4197 $ TTh 12:30p-01:45p Sigismond D LB-A-105
TTh 02:00p-04:50p Sigismond D LB-B-105

CHILD DEVELOPMENT (CLDV)

CLDV-01 CHILD GROWTH AND DEVELOPMENT
(C-ID CDEV 100) (CSU breadth area D/E) (IGETC area 4)
3 units: 3 hours lecture.
Prerequisite: ENGL-85.
This introductory course examines the major physical, psychosocial, and cognitive/language developmental milestones for children, both typical and atypical, from conception through adolescence.

LOS BANOS
8221 WC T 05:30p-08:20p Oks O LB-B-111

CLDV-05 HEALTH, SAFETY AND NUTRITION
(C-ID ECE 220)
3 units: 3 hours lecture.
Advisory: ENGL-01A.
This course is an introduction to laws, regulations, standards, policies and

SI Supplementation instruction class. See page 83 for details.
Online/Hybrid Classes. See page 64 for details.
WC Web Component which will require you to have internet access.
procedures as related to early childhood curriculum.

**LOS BANOS**
8231 Th 05:30p-08:20p Staff LB-B-111

**CLDV-09 HUMAN DEVELOPMENT (ALSO: PSYC-09)**
(CSU breadth area E)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course is an introduction to the scientific study of human development from conception through death.

**LOS BANOS**
8293 MW 05:30p-06:45p Coahran S LB-A-103

**COMMUNICATION STUDIES (COMM)**

**COMM-01 FUNDAMENTALS OF SPEECH**
(C-ID COMM 110) (CSU breadth area A1)
3 units: 3 hours lecture.
Prerequisite: ENGL-85.
This course is designed to instruct students in the fundamentals of composing, preparing and presenting speeches in front of audiences. The focus will be on researched speeches to inform and persuade.

**LOS BANOS**
4241 MW 11:00a-12:15p Rigby K LB-B-101
8241 T 05:30p-08:20p Rigby K LB-B-101

**COMM-04 SMALL GROUP DISCUSSION AND PROBLEM SOLVING**
(C-ID COMM 140) (CSU breadth area A1) (IGETC area 1C - CSU only)
3 units: 3 hours lecture.
Prerequisite: ENGL-85.
This is a course designed to help students develop critical thinking and oral presentation skills for communicating and working together on small group tasks.

**LOS BANOS**
4245 MW 02:00p-03:15p Rigby K LB-B-101

**COMM-05 INTERPERSONAL COMMUNICATION**
(C-ID COMM 130) (CSU breadth area A1)
3 units: 3 hours lecture.
Prerequisite: ENGL-85.
The focus of this course is to examine successful verbal and nonverbal communication in interpersonal relationships.

**LOS BANOS**
4247 MW 09:30a-10:45a Rigby K LB-B-101
4249 TTh 02:00p-03:15p Rigby K LB-B-135

**COMPUTER SCIENCE (CPSC)**

**CPSC-01 INTRODUCTION TO COMPUTER INFORMATION SYSTEMS**
(C-ID ITIS 120) [CILC areas A,B,C,D,E,F,G]
4 units: 3 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-C.
An introduction to the basics of computing systems, impact of computers on our society, and the future of computing.

**LOS BANOS**
8251 TTh 07:00p-09:50p Garcia Martinez J LB-A-109

**CPSC-30 COMPUTER APPLICATIONS (ALSO: AOM-30)**
[CILC areas A,B,C,D,E,F,G]
3 units: 2 hours lecture, 3 hours lab.
Advisories: AOM-50A or AOM-50B (keyboard at a minimum of 20 GWAM); READ-81, ENGL-84; MATH-80.
This course is intended for students seeking an introduction to application software used in the workplace with emphasis on business situations.

**ONLINE/HYBRID**
2592 ONLINE Garcia Martinez J
**CONTACT:** juan.garcia955@mccd.edu
**COMMENTS:** Microsoft Office 2013 Professional is required to include ACCESS.

**ECONOMICS (ECON)**

**ECON-01 INTRODUCTION TO MICROECONOMICS**
(CSU breadth area D) (IGETC area 4) (C-ID ECON 201)
3 units: 3 hours lecture.
Prerequisite: ENGL-85; MATH-81. Advisories: ENGL-01A.
ECON-01 is an introductory course in microeconomic theories including maximization, benefit verses cost, rational choice, the analysis of demand and supply, the role of price in free markets, consumer behavior, market structure, production cost, competitive business models, and resource pricing.

**LOS BANOS**
8311 WC MW 05:30p-06:45p McNally T LB-B-107

**COOPERATIVE EDUCATION (COOP)**

**COOP-41A COOPERATIVE EDUCATION IN (SUBJECT)**
1-4 units: 1-4 hours weekly.
Advisory: ENGL-85.
Cooperative work experience education is a process of education that combines work experience with regular college instruction as an integral part of the community college curriculum.

**COOP-41BCD COOPERATIVE EDUCATION IN (SUBJECT)**
1-4 units: 1-4 hours weekly.
Prerequisite: COOP-41A. Advisory: ENGL-85.
See COOP-41A above.

**CRIMINAL JUSTICE (CRIM)**

**CRIM-02 INTRODUCTION TO CRIMINAL JUSTICE**
(C-ID AJ 110)
3 units: 3 hours lecture.
Prerequisite: ENGL-85.
The course will emphasize the three major components of the system: court, corrections, law enforcement, and will then examine the role of each.

**LOS BANOS**
8273 Th 05:30p-08:20p Staff LB-B-134

**DRAMA (DRAM)**

**DRAM-01 INTRODUCTION TO THEATER**
(C-ID THTR 111) (CSU breadth area C1/C2) (IGETC area 3B)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course is an introduction to the art of theater that delves into the nature of theatrical presentation, elements of dramatic structure, and the contributions of the playwright, actor, director, designer, technician, and audience.

**LOS BANOS**
4297 TTh 11:00a-12:15p Morriston J LB-B-107

**CONTACT:** robinson.d@mccd.edu
**COMMENTS:** Microsoft Office 2013 Professional is required to include ACCESS.
ENGLISH (ENGL)

ENGL-01A COLLEGE COMPOSITION AND READING
(C-ID ENGL 100) (CSU breadth area A2) (IGETC area 1A) [CILC area G]
4 units: 4 hours lecture.
Prerequisite: ENGL-85. Advisory: LRNR-30.
This course focuses on critical reading and thinking, research strategies, and scholarly composition with proper documentation at the college transfer level.

LO"S BANOS
4347 WC MW 10:00a-11:50a Nelson K LB-B-137
4349 WC MW 12:00p-01:50p Kludt K LB-B-137
4351 WC MW 02:00p-03:50p Flanagan J LB-B-137
4353 WC TTh 10:00a-11:50a Staff LB-B-137
4355 WC TTh 12:00p-01:50p Kimoto S LB-B-111
4357 WC TTh 02:00p-03:50p Koepnick S LB-B-136
8347 WC MW 05:30p-07:20p Chavez C LB-B-136

ENGL-13 CRITICAL REASONING AND WRITING (ALSO: PHIL-13)
(CSU breadth area A3) [CILC area G] (C-ID ENGL 105) (IGETC area 1B)
3 units: 3 hours lecture.
Prerequisite: ENGL-01A.
This course offers instruction in argumentative and critical writing, critical thinking, research strategies, information literacy, and proper documentation.

LO"S BANOS
4359 WC MW 12:30p-01:45p Chavez C LB-B-134
4361 WC F 09:00a-11:50a Barnes L LB-B-110

ENGL-14 INTRODUCTION TO FILM
(CSU breadth area C1) (IGETC area 3A)
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: ENGL-85. Advisory: ENGL-01A.
This course includes critical and popular approaches to film. Students will study film form, genre, style, criticism, and history.

LO"S BANOS
8365 WC T 07:00p-08:50p Chavez C LB-B-135
& Th 07:00p-09:50p Chavez C LB-B-135

ENGL-83 FOUNDATIONS IN WRITING II
5 units: 5 hours lecture.
Prerequisite: ENGL-90. Advisory: Concurrent enrollment in READ-80.
This course focuses on developing short, unified written compositions (single to multi paragraph), basic English grammar, and sentence construction.

LO"S BANOS
4367 WC MTWTh 08:00a-09:05a Long J LB-B-137

ENGL-84 FOUNDATIONS IN WRITING III
5 units: 5 hours lecture.
Prerequisite: ENGL-83. Advisory: Concurrent enrollment in READ-81.
This course focuses on developing short, unified essays through intensive practice in writing, including composition structure and paragraph development, application of English grammar and usage in conjunction with written work, as well as analysis of and response to relevant texts.

LO"S BANOS
4369 WC MW 08:00a-10:15a Kimoto S LB-B-135
4371 WC MW 12:30p-02:45p Staff LB-B-111
4375 WC TTh 09:30a-11:45a Kimoto S LB-B-111
8373 WC MW 05:30p-07:45p McNally P LB-B-135

ENGL-85 FOUNDATIONS IN ACADEMIC LITERACY
5 units: 4 hours lecture, 3 hours lab.
Prerequisite: READ-81 and ENGL-84
This course focuses on a process-based approach to writing essays, including an introduction to argumentation, and offers a review of grammar and English usage in conjunction with composition assignments.

LO"S BANOS
4377 $ MW 08:00a-09:50a Kludt K LB-B-134
4379 $ MW 10:30a-11:45a Kludt K LB-B-109
4381 $ MW 10:00a-11:50a Nelson K LB-B-135
4383 $ MW 02:00p-03:50p Chavez C LB-B-136
4385 $ TTh 12:00p-01:50p Chavez C LB-B-136
& Th 02:00p-03:15p Chavez C LB-B-109
Section 4385 is a Learning Community with GUID-30-4485.
4387 $ TTh 02:00p-03:50p Nelson K LB-B-111
TTh 04:00p-05:15p Nelson K LB-B-109
8377 $ MW 05:30p-07:20p Flanagan J LB-B-111
MW 07:30p-08:45p Flanagan J LB-B-109

ENGL-90 FOUNDATIONS IN READING AND WRITING I
4 units: 4 hours lecture.
Advisory: Upon entering the course it is recommended that the student be able to read commonly used words and sound out words of more than two syllables.
This course will introduce students to text-based reading and writing at four levels below transfer. Upon entry, students should be able to identify sight words and sound out unfamiliar words.

LO"S BANOS
4389 TTh 12:00p-01:50p Koepnick S LB-B-137

GEOGRAPHY (GEOG)

GEOG-02 WORLD GEOGRAPHY
(C-ID GEOG 125 ) (CSU breadth area D) (IGETC area 4)
3 units: 3 hours lecture.
Advisory: ENGL-85.
GEOG-02 is a survey of the geography of the world’s regions. The study includes the ways in which environmental resources are utilized to satisfy the needs of mankind.

LO"S BANOS
8455 T 07:00p-09:50p Gaugler C LB-B-137

GUIDANCE (GUID)

GUID-30 FOUNDATIONS AND STRATEGIES FOR COLLEGE SUCCESS
(CSU breadth area E)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This comprehensive course integrates the cultivation of skills, values, and attitudes indicative of confident, capable students/individuals with problem solving and critical/creative thinking.
GUID-30 requires the purchase of the MBTI assessment for approximately $13.20 and the Strong Interest Inventory for about $8.55. Additional information will be provided in class.

LO"S BANOS
4479 $ F 09:00a-11:50a Aalgaard K LB-B-107
4485 $ LC TTh 09:30a-10:45a Rodriguez L LB-B-136
Section 4485 is a Learning Community with ENGL-85-4385.
9907 $ MW 10:00a-11:50a Aalgaard K LB-B-106
Section 9907 is held from 09/07/16 to 12/14/16.
KINESIOLOGY (KINE)

KINE-01 INTRODUCTION TO KINESIOLOGY
(C-ID KIN 100)
3 units: 3 hours lecture.
Prerequisite: ENGL-85. Advisory: LRNR-30.
This course is an introduction to the interdisciplinary approach to the study of human movement.

LOS BANOS
8657 TTh 05:30p-06:45p Ballinger R LB-B-136

KINE-31 AEROBIC TRAINING
1 unit: 3 hours lab.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.
This class uses a variety of aerobic activities to improve cardio-respiratory endurance. Machines used include stair climber, treadmills, cycles, rowing, recumbent bikes and cross trainers.

LOS BANOS
4661 MW 12:30p-01:45p Mendes D LBPC
Section 4661 is located at Positive Changes; 1001 6th Street; Los Banos.

KINE-33 WEIGHT TRAINING
1 unit: 3 hours lab.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.
An open laboratory experience for those people who desire an individualized strength program using a combination of exercise machines and free weights.

LOS BANOS
8663 TTh 06:00p-07:15p Zuniga D LBHS
Section 8663 is located at Los Banos High School; 1966 11th St; Room 502; Los Banos.

MANAGEMENT (MGMT)

THE MANAGEMENT SERIES AT THE LOS BANOS CAMPUS

MGMT-50B VALUES AND ETHICS
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to acquaint the participant with the importance of values and ethics in the workplace. Pass/No Pass only.

LOS BANOS
9951 01:00p-05:15p Pistoresi P LB-A-105
Section 9951 is held on 08/03/16 and 08/10/16.

MGMT-50C TIME MANAGEMENT
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to introduce the student to time management principles and specific tools that assist in making maximum use of time. Pass/No Pass only.

LOS BANOS
9919 W 08:00a-1215p Lacey E LB-B-136
Section 9919 is held on 10/05/16 and 10/12/16.
9914 W 01:00p-05:15p Lacey E LB-B-105
Section 9914 is held on 10/05/16 and 10/12/16.
MGMT-50G DECISION MAKING AND PROBLEM SOLVING
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to introduce the student to decision making and problem solving techniques including brainstorming, creativity in the workplace, how to find new perspectives, and seeking alternatives. Pass/No Pass only.

LOS BANOS
9917 W 08:00a-12:15p Lacey E LB-B-136
Section 9917 is held on 12/07/16 and 12/14/16.

9912 W 01:00p-05:15p Lacey E LB-A-105
Section 9912 is held on 12/07/16 and 12/14/16.

MGMT-51F CONFLICT RESOLUTION
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to introduce participants to the meaning of conflict, the causes of conflict, and strategies for resolving interpersonal conflict as well as dealing with difficult customers. Pass/No Pass only.

LOS BANOS
9916 W 08:00a-12:15p Pistoresi P LB-B-136
Section 9916 is held on 11/02/16 and 11/09/16.

9921 W 01:00p-05:15p Pistoresi P LB-A-105
Section 9921 is held on 11/02/16 and 11/09/16.

MGMT-51G STRESS MANAGEMENT
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to acquaint the participant with key elements of stress management. Pass/No Pass only.

LOS BANOS
9918 W 08:00a-12:15p Pistoresi P LB-B-136
Section 9918 is held on 09/07/16 and 09/14/16.

9913 W 01:00p-05:15p Pistoresi P LB-A-105
Section 9913 is held on 09/07/16 and 09/14/16.

Enrolling in a math course will automatically enroll you in a math laboratory (EDU-112B-5001). This laboratory is a noncredit course; therefore, there are no fees for this course and attendance is optional.

MATH-C INTERMEDIATE ALGEBRA
4 units: 4 hours lecture.
Prerequisite: MATH-81. Advisory: ENGL-85.
This course covers factoring, functions and graphs, solving linear, quadratic, piecewise defined, exponential, and logarithmic equations, rational expressions and equations, complex numbers, and conic sections.

ONLINE/HYBRID
2596 ONLINE ONLINE Strait L
CONTACT: laura.strait@mccd.edu;
ORIENTATION: Mandatory: August 15, 2016; 08:00a-09:50a;
LOS BANOS CAMPUS Room B-110.
IN-CLASS SESSIONS: MANDATORY: Mid-term #1 - September 19, 2016; 08:00a-09:50a; LB-B-110. Mid-term #2 - November 7, 2016; 08:00a-09:50a; LB-B-110. Final Exam - December 12, 2016; 08:00a-09:50a; LB-B-110.
COMMENTS: Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students.

LOS BANOS
4577 $ MW 10:00a-11:50a Strait L LB-B-110
4581 TTh 08:00a-09:50a Pistoresi P LB-B-110
4583 TTh 12:00p-01:50p Pistoresi P LB-B-110
8577 MW 07:00p-08:50p Bhaskar H LB-B-134

MATH-02 PRECALCULUS
(CSU breadth area B4) (IGETC area 2)
4 units: 4 hours lecture.
Prerequisite: MATH-25. Advisory: ENGL-85.
This course is designed to prepare students for calculus.

LOS BANOS
4585 $ MW 02:00p-03:50p Staff LB-B-134

MATH-04A CALCULUS I
(C-ID MATH 211) (CSU breadth area B4) (IGETC area 2)
4 units: 4 hours lecture.
Prerequisite: MATH-02 or MATH-02H. Advisory: ENGL-85.
This course covers limits, continuity, differentiation and integration of algebraic and trigonometric functions along with their respective applications.

LOS BANOS
4587 $ TTh 10:00a-11:50a Strait L LB-B-110

MATH-10 ELEMENTARY STATISTICS
(CSU breadth area B4) (IGETC area 2)
3 units: 3 hours lecture.
Prerequisite: MATH-C. Advisory: ENGL-85.
This course covers descriptive statistics, including organization and presentation of data; elementary probability including permutations, combinations, binomial and normal distributions; inferential statistics, including random sampling, hypothesis testing, regression, and correlation and chi-square distribution.

LOS BANOS
4589 MW 12:30p-01:45p Schlinger C LB-B-110
8589 MW 05:30p-06:45p Bryan J LB-B-110

MATH-20A BASIC STRUCTURE OF MATHEMATICS I
(CSU breadth area B4)
3 units: 3 hours lecture.
Prerequisite: MATH-C. Advisory: ENGL-85.
This course is designed to complete the first course of a two-course sequence in basic concepts of mathematics required for students preparing to teach at the elementary school level.

LOS BANOS
4595 $ MW 12:30p-01:45p Strait L LB-B-101

MATH-25 TRIGONOMETRY
(CSU breadth area B4)
3 units: 3 hours lecture.
Prerequisite: MATH-C. Advisory: ENGL-85.
This course is a review of right triangle geometry, real numbers, functions and graphs, trigonometric functions and their graphs, identities, inverse trigonometry functions, solve trigonometric equations, solve right triangles, solve triangles using the Law of Sines, and Law of Cosines.

LOS BANOS
4597 $ TTh 12:30p-01:45p Staff LB-B-106

MATH-80 PREALGEBRA
4 units: 4 hours lecture.
Prerequisite: MATH-91. Advisors: READ-81.
This course covers the real number system and operations of addition, subtraction, multiplication, and division including whole numbers, integers, decimals, fractions and application problems involving percents, ratios, proportions, and square roots.

LOS BANOS
4605 MW 10:00a-11:50a Pistoresi P LB-B-111
4623 TTh 02:00p-03:50p Albertson I LB-B-134
8605 TTh 05:00p-06:50p Narvaez J LB-B-110
9909 MTWTh 02:00p-03:50p Bryan J LB-B-110
Section 9909 is held from 08/15/16 to 10/14/16
**MATH-81  BEGINNING ALGEBRA**

4 units: 4 hours lecture.
Prerequisite: MATH-80. Advisory: ENGL-85.
This course covers the four basic operations on real numbers and algebraic expressions.

**LOS BANOS**

4613 $ MW 10:00a-11:50a Staff LB-B-134
4615 TTh 12:00p-01:50p Bryan J LB-B-134
4617 TTh 02:00p-03:50p Staff LB-B-106
8611 TTh 07:00p-08:50p Narvaez J LB-B-110
9911 MTWTh 02:00p-03:50p Bryan J LB-B-110

Section 9911 is held from 10/17/16 to 12/16/16.

**MATH-90  FUNDAMENTALS OF ARITHMETIC**

3 units: 3 hours lecture.
Advisory: ENGL-90.
This course is an intensive review of the whole number system, including counting, notation, word names, and the number line. Particular emphasis is placed on the basic computational skills: addition, subtraction, multiplication, and division. Written problems and life skills will be emphasized throughout the course.

**LOS BANOS**

4601 MW 11:00a-12:15p Bryan J LB-B-112

**MATH-91  FUNDAMENTALS OF DECIMALS AND FRACTIONS**

3 units: 3 hours lecture.
Prerequisite: MATH-90. Advisory: READ-80.
This course begins with a short review of the whole number system using basic computational skills.

**LOS BANOS**

4603 TTh 12:30p-01:45p Albertson I LB-B-112
8603 MW 05:30p-06:45p Bhaskar H LB-B-134

**MUSIC**

**MUSG-13  JAZZ MUSIC HISTORY**

(CSU breadth area C1) (IGETC area 3A)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course presents the history of jazz music from 1890 to present, including an introduction and analysis of major jazz artists and their contributions to this American art form.

**LOS BANOS**

8627 M 07:00p-09:50p Faria M LB-A-103

**MUSG-14  AMERICAN POPULAR MUSIC HISTORY**

(CSU breadth area C1) (IGETC area 3A)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course presents an introduction to the history and literature of the popular music movement in the United States; it is a study of the relationships of popular music to the social history of America.

**LOS BANOS**

8631 TTh 05:30p-06:45p Gomes K LB-B-106

**PHILOSOPHY (PHIL)**

**PHIL-10  CRITICAL THINKING**

(CSU breadth area A3) [CILC area G]
3 units: 3 hours lecture.
Prerequisites: ENGL-85. Advisory: ENGL-01A.
This is a practical course in sound and logical reasoning. The focus of this course is to develop the abilities to analyze, to criticize, and to reach reasoned conclusions.

**LOS BANOS**

8647 Th 07:00p-09:50p Catrina D LB-B-107

**PHIL-13  CRITICAL REASONING AND WRITING (ALSO: ENGL-13)**

(CSU breadth area A3) [IGETC area 1B] [CILC area G]
3 units: 3 hours lecture.
Prerequisite: ENGL-01A.
This course offers instruction in argumentative and critical writing, critical thinking, research strategies, information literacy, and proper documentation.

**LOS BANOS**

4647 WC MW 12:30p-01:45p Chavez C LB-B-134
4649 WC F 09:00a-11:50a Barnes L LB-B-110

**PHYSICAL EDUCATION (PHED)**

**PHED-10H  WALKING FOR CARDIOVASCULAR CONDITIONING AND FLEXIBILITY**

1 unit 3 hours lab.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.
This course is designed to improve cardiovascular efficiency, flexibility and strength through the use of walking and related activities.

**LOS BANOS**

4665 TTh 08:00a-09:15a Gomes A LB-B-106
Section 4665 orientation will be held in LB-B-106; all other class meetings will be held off campus at Oliveira Park; corner of Ortigalita and Cardoza; Los Banos.

**POLITICAL SCIENCE (POSC)**

**POSC-01  ESSENTIALS OF AMERICAN POLITICAL SYSTEM**

(CSU breadth area D/F2) (IGETC area 4)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course will introduce students to institutions of American national government, the American political system, and California state and local government.

**ONLINE/HYBRID**

2598 ONLINE ONLINE/GARDNER J
CONTACT: jennifer.gardner@mccd.edu

**LOS BANOS**

4697 WC MW 02:00p-03:15p Gardner J LB-B-106
4699 WC TTh 09:30a-10:45a Gardner J LB-B-106

**PSYCHOLOGY (PSYC)**

**PSYC-01A  INTRODUCTION TO PSYCHOLOGY**

(C-ID PSY 110) (CSU breadth area D) (IGETC area 4)
3 units: 3 hours lecture.
Advisory: ENGL-85.
PSYC-01A is a survey course designed to provide an introduction to the facts and theories underlying human behavior.

**LOS BANOS**

4701 TTh 08:00a-09:15a Coahran S LB-B-107
8701 T 07:00p-09:50p Pierce T LB-B-107

**PSYC-09  HUMAN DEVELOPMENT (ALSO: CLDV-09)**

(C-ID PSY 180) (CSU breadth area E)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course is an introduction to the scientific study of human development from conception through death. It examines the interplay of biological, psychological, social, and cultural forces on the developing human being.

**LOS BANOS**

8705 MW 05:30p-06:45p Coahran S LB-A-103
PSYC-23 PERSONAL AND SOCIAL ADJUSTMENT  
(C-ID PSY 115) (CSU breadth area D/E) (IGETC area 4)  
3 units: 3 hours lecture.  
Advisory: ENGL-85.  
This course examines personality factors as they relate to the problems of growth and adjustment.  
LOS BANOS  
4707 MW 02:00p-03:15p Coahran S LB-B-107

READING (READ)  
READ-80 FOUNDATIONS IN READING II  
4 units: 3 hours lecture, 3 hours lab.  
Prerequisite: ENGL-90. Advisory: Concurrent enrollment in ENGL-83.  
This course is designed to improve basic reading skills, primarily comprehension. This course also includes assignments in a computer-based setting to practice and enhance reading skills, including individualized instruction and assistance.  
LOS BANOS  
4391 WC TTh 09:30a-10:45a Long J LB-B-135  
TTh 11:00a-12:15p Long J LB-A-110  
8391 WC TTh 05:30p-06:45p Cates K LB-B-135  
TTh 07:00p-08:15p Cates K LB-A-110

READ-81 FOUNDATIONS IN READING III  
4 units: 3 hours lecture, 3 hours lab.  
Prerequisite: READ-80. Advisory: Concurrent enrollment in ENGL-84.  
This course is designed to improve a variety of reading comprehension skills and critical reading/thinking skills.  
LOS BANOS  
4401 WC MW 09:30a-10:45a Long J LB-B-112  
MW 11:00a-12:15p Long J LB-A-110  
4403 WC MW 02:00p-03:15p Koepnick S LB-B-112  
MW 03:30p-04:45p Koepnick S LB-A-110  
4405 WC TTh 08:00a-09:15a Mingua-Lopstain D LB-B-135  
TTh 09:30a-10:45a Mingua-Lopstain D LB-A-110  
4407 WC TTh 11:00a-12:15p Kobzeff S LB-B-135  
TTh 12:30p-01:45p Kobzeff S LB-A-110  
4409 WC TTh 12:30p-01:45p Mingua-Lopstain D LB-B-135  
TTh 02:00p-03:15p Mingua-Lopstain D LB-A-110  
4411 WC TTh 02:00p-03:15p Kobzeff S LB-B-137  
TTh 03:30p-04:45p Kobzeff S LB-A-110  
8401 WC MW 05:30p-06:45p Ryskamp S LB-B-137  
MW 07:00p-08:15p Ryskamp S LB-A-110

SOCIOLOGY (SOC)  
SOC-01 INTRODUCTION TO SOCIOLOGY  
(C-ID SOCI 110) (CSU breadth area D) (IGETC area 4)  
3 units: 3 hours lecture.  
Advisories: ENGL-01A.  
This course provides an introduction into what it means to be “sociologically mindful” and to think “sociologically” while understanding the difference from other ways of seeing the social world.  
LOS BANOS  
4731 TTh 02:00p-03:15p Coahran S LB-B-107

SOC-02 CONTEMPORARY SOCIAL PROBLEMS  
(C-ID SOCI 115)  
3 units: 3 hours lecture.  
Advisories: ENGL-01A.  
SOC-02 introduces fundamental theories and methodologies employed in the study of contemporary social problems.  
LOS BANOS  
4735 MW 12:30p-01:45p Coahran S LB-B-107

SPANISH (SPAN)  
SPAN-01 ELEMENTARY SPANISH I  
(C-ID SPAN 100) (CSU breadth area C2) (IGETC area 6)  
5 units: 5 hours lecture.  
Advisory: ENGL-84.  
This course will focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency. This course is not recommended for native speakers – native speakers should enroll in SPAN-10.  
LOS BANOS  
4747 WC TTh 10:00a-12:15p Cortes S LB-B-112  
4749 WC TTh 02:00p-04:15p Cortes S LB-B-112  
8747 MW 05:30p-07:45p Wynne C LB-B-112  
8749 WC TTh 05:30p-07:45p Staff LB-B-112  
8759 TTh 05:30p-07:45p Staff LB-B-112

SPAN-10 SPANISH FOR SPANISH SPEAKERS I  
(C-ID SPAN 220) (CSU breadth area C2) (IGETC area 3B/6)  
5 units: 5 hours lecture.  
Prerequisite: SPAN-02 or the equivalent. Advisory: LRNR-30.  
This course is designed for native and heritage speakers, as well as other linguistically qualified students, whose formal training in the language is not complete.  
LOS BANOS  
8759 TTh 05:30p-07:45p Staff LB-B-112
SERVICES FOR STUDENTS

(MC) = Merced Campus
(LB) = Los Banos Campus

ACADEMIC COUNSELING
Although Academic Guidance Counseling is available on a drop-in basis, at certain points during the year, it is recommended that you make an appointment. Call (209) 381-6478 (MC) or (209) 826-3495/381-6411 (LB) to schedule an appointment now.

AUTOMATIC TELLER
Merced School Employees Federal Credit Union

ATM on campus
Get as little as $5. No surcharges. Located in the Student Union.
(209) 383-5550 or (800) 542-2345 | www.mercedschoolcu.org

BOOKSTORE
The Merced College Bookstore is located in the Student Union Building on the Merced Campus. At the Los Banos Campus the bookstore is located at the end of Building A. Both bookstores offer a textbook rental program inside the bookstore or online, and students can reserve new and used textbooks online for both stores as well. You will find in stock exact items your instructors have requested each semester such as new and used textbooks, paperbacks, study aids, art materials and nursing supplies. You will also find stationery items, collegiate apparel and other supplies. The bookstore will buy back textbooks each semester during finals week and at the beginning of each semester. Special orders and custom orders are welcomed any time. Regular bookstore Summer hours are from 07:45a to 05:00p Monday through Thursday. Bookstore is closed all Fridays. Extended business hours are offered during the beginning of each semester. Get as little as $5. No surcharges. Located in the Student Union.
(209) 383-5550 or (800) 542-2345 | www.mercedschoolcu.org

CALIFORNIA MINI-CORPS
California Mini-Corps offers part-time employment to full-time college students who are seeking a career in teaching and is located at Tri-College Center TC-3 at Merced Campus. The Mini-Corps program gives students the opportunity to work flexible hours in a classroom as tutors assisting migrant students. College students are placed in a public school grades K-12. Tutors get paid $10.00 per hour and work hours range from 10-20 per week. Applicants must be Spanish/English bilingual. Please contact the coordinator, Margarita Covarrubias at (209) 384-6046 or covarrubias.m@mccd.edu for more information.

CalWORKS PROGRAM
California Work Opportunity and Responsibility to Kids (CalWORKs) is a state funded welfare-to-work program designed to help individuals on public assistance (TANF). TANF stands for Temporary Assistance for Needy Families, a cash aid program (welfare) for parents who meet income guidelines and have a child at home under the age of 18.

CalWORKS serves as a liaison between the student and the Human Services Agency (HSA), the Department of Workforce Investment (DWI) and the Merced County Office of Education EMPOWER program by providing educational and career opportunities combined with an array of high-quality support services that enable students to complete their educational goals, find gainful employment and successfully transition into the workforce.

CalWORKs staff provides customized support services during the student’s educational and employment journey toward self-sufficiency. For more information, contact: Merced College (209) 381-6515 or Los Banos Campus (209) 381-6428, or visit www.mccd.edu/programs.

CAMPUS DINING
Complete meals, soups, sandwiches, pizza and snacks at competitive prices can be purchased in the college’s attractive cafeteria located in the Student Union Building. The Campus Café also provides on-site affordable customized catering for small to large luncheons and BBQ. See the catering menu at www.mccd.edu and click on services, or call (209) 381-6549.

CAREER/TRANSFER CENTER SERVICES
The Career/Transfer Center is the college’s career and college information and resource center. Students planning to transfer are encouraged to visit the center as early as possible. The Career/Transfer Center is open during the fall and spring semesters from 08:00a. to 04:30p. Monday through Friday. Summer hours will be posted on the web site. Call (209) 384-6243 for Career Services or (209) 384-6239 for Transfer Services.

COOPERATIVE EDUCATION
Cooperative Education allows students who work, volunteer, or are self-employed to earn units. Cooperative Education can offer students transfer-level credit, and students may repeat Co-op for four semesters, or 16 units. Students may enroll in cooperative education in our office in the Lesher Student Services Building, Merced Campus. Our regular office hours are: M-F 08:00a-04:00p (MC).

DEBT TO THE COLLEGE
Merced College will withhold grades, transcripts, degrees, certificates, registration privileges, or any other combination thereof, from any student or former student who has failed to pay a proper financial obligation due to the college.

When the outstanding financial obligation owed to the College is sent to our collection agencies, the collection cost incurred may be added to the original amount owed.

Registration may be reinstated after a payment plan has been set up with the College. To arrange a payment plan, contact the Student Fees Office (Merced) at (209) 384-6219 or (209) 384-6212 or (Los Banos) at (209) 826-3495 or (209) 381-6419.

DISABLED STUDENTS PROGRAM & SERVICES
The Disabled Students Program & Services (DSP&S) offers educational support services for students with a variety of disabilities, including those students with physical, psychological, communicative and learning disabilities. Support services and accommodations include, but are not limited to, priority registration, scheduling assistance, academic and vocational counseling, interpreters, test-taking accommodations, assistive technology and e-text, Kurzeil, or PDF.

DSP&S serves as a liaison with the campus and community agencies on behalf of students with disabilities. Students are encouraged to visit DSP&S in the Lesher Student Services Building, 2nd floor, office #234 on Merced Campus (209) 384-6156 or (209) 384-6311 (TDD) and in the
**EXPENDED OPPORTUNITY PROGRAMS AND SERVICES/CARE PROGRAMS**

The EOPS program provides academic and personal counseling, book service, book loans, and EOPS grants for eligible students. Other services available to eligible EOPS students include priority registration, tutoring, and computer access.

The CARE program is an additional service provided through the EOPS program to assist the single parent students that have a child under the age of 14 that receives TANF. The additional services to CARE eligible students include CARE orientation and workshops, CARE grants, meal cards, gas cards, and bus passes.

**FINANCIAL AID**

The Financial Aid Office offers assistance to full-time and part-time students by providing grants, fee waivers, scholarships and work-study jobs. Millions of dollars are awarded annually to Merced College students. We have a wide selection of written materials as well as computers so that you can access financial aid web sites. There is a FAFSA lab with staff available to help you understand the financial aid application. The goal of the Financial Aid Office is to reduce financial barriers to attending college. For more information contact us in person (3rd floor of the Lesher building), or via e-mail (financialaid@mccd.edu).

Financial aid refunds are processed through Higher One. If you apply for Financial Aid and register for classes, a Merced College Blue Card will be mailed to you. For any questions/concerns regarding your Financial Aid refund or Merced College Blue Card please contact Merced College Student Fees at (209) 384-6212. For more information, please go to www.mccd.edu/services/finaid/ or www.mercedbluecard.com.

**GRADES**

Grades are not available by phone. To access your grades for the semester go to the Merced College Portal home page https://mc4me.mccd.edu

- Enter your username and password
- Click on WebAdvisor Academic Profile
- click on Grades

Grades are typically available within two weeks of the end of the term.

**HELP DESK**

Phone: (209) 381-6565 or E-mail: myhelp@mccd.edu
or www.mccd.edu/myhelp/

FALL 2016 hours:
Monday-Thursday: 10:00a-07:00p
Friday: 08:00a-03:00p.

**INTERNATIONAL STUDENTS SERVICES**

International students may apply for admission to Merced College. Information can be obtained on the International Students page at www.mccd.edu. The International Students Services is located in the Communications Building. The telephone number is (209) 384-6229.

**JOB OPPORTUNITY SERVICES**

Job Opportunity Services offers employment referral assistance for part-time, temporary, and full-time jobs for students attending Merced College. Our regular semester office hours in the Lesher Student Services Center, Merced Campus are: M-Th 10:00p-02:00p and W 03:00p-06:00p, or by appointment. Phone number (209) 384-6068.

**LIBRARY, MERCED**

Merced Campus FALL 2016 hours:
Monday, Tuesday, Wednesday, Thursday: 08:00a-08:30p
Friday: 08:00a-02:00p
Saturdays 09:00a-01:00p. (except holiday weekends.)

**LIBRARY, LOS BANOS**

Los Banos Campus - Building A; FALL 2016 hours:
Monday, Tuesday, Wednesday, Thursday: 07:45a-08:00p
Friday: 08:00a-03:00p

**PARKING**

Merced Campus FALL 2016

There are approximately 2,098 regular and 90 disabled parking spaces available for students to use. Parking lot locations are indicated on the campus map on page 107 Please note that Lot P8 (west side of campus) is designated for staff use only. There are also plenty of parking spaces in Lot P1 (Allied Health Parking Lot), and Lot P2 (Tri-College Center), which is near the new Allied Health Complex. Please note that the east side of University Avenue is for pedestrian use only.

Bikes are to be secured in designated bike racks and NOT to hand rails, trees or outside of a classroom. For more information, please review Board Policy 6750, Section 16. Furthermore, violations will be subject to impound.

Bike Rack Locations (BR):
- Administration Bldg-East
- Gym-Southwest Corner
- Pool-Southeast by FHA
- Tennis Courts-Middle
- Vocational Bldg-East
- Central Plant-West
- Plant Science-Southwest
- Child Development Center-Front
- Library-Front
- Allied Health Center-Southwest
- Science Bldg-North
- Services Bldg-West
- IAC-Southwest
- Fitness Lab-East
- Pool-Northwest
- Tri College-Northwest
- Science-South

Motorcycle Parking (M):
- S/E Corner of Parking Lot P9
- S/E Corner of Parking Lot P10
- N/E Corner of Parking Lot P5
- West side of Parking Lot P2

PARKING on campus is by permit only. This includes all streets and parking lots on campus. Permits must be properly displayed at all times. Semester permits cost $20 and may be purchased from Student Fees (located on the third floor in the Lesher Student Services Center). Day permits cost $1 and may be purchased at the yellow permit dispensers located in parking lots throughout campus. Day permits shall be placed "this side up" on the dashboard as directed on the permit and must be displayed in a manner that the permit number is clearly visible and unobstructed. Plastic permits shall be hung from the rearview mirror facing forward. Non-operational dispensers should be reported to the Campus Police Department.

DISABLED PARKING—Placards or license plates shall be displayed in conjunction with a valid parking permit. Disabled placards will exempt time...
limits in timed parking spaces but shall be displayed in conjunction with a valid parking permit. Disabled parking regulations are strictly enforced on campus.

PARKING VIOLATION FEES are processed by an outside processing center contracted by Merced College, NOT the Campus Police Department. However, Campus Police may be able to assist in providing information concerning procedures and requirements for paying fees. Vehicle registration will be denied by the DMV for delinquent fines on cited vehicles, until fines are paid. Citations may be contested or paid online at pmbonline.org. All designated parking spaces are enforced at all times. Community College Drive North is open from 07:30a until 10:30p weekdays; closed on weekends. For Additional Information: Campus Police Office: (209) 384-6054

PERSONAL COUNSELING
Merced College offers confidential and brief counseling through Student Health Services. Services are provided at the Merced and Los Banos campuses for currently enrolled students during the fall and spring semesters. Our counselors are professionally trained and can assist you in exploring ways of coping with life’s difficulties. Community resources and referrals are also provided. To make an appointment call (209) 384-6045, (MC) or (209) 826-3495, ext. 6423 (LB).

STUDENT HEALTH SERVICES
All currently enrolled Merced College students have access to services provided through Student Health Services. A secondary student accident insurance policy is available to currently enrolled students injured while on campus, or while involved in Merced College sponsored activities. An Incident Report form must be completed at the time of the injury and prior to insurance paperwork processing.

Services provided include over-the-counter medication samples, health and wellness information, blood pressure checks, pregnancy testing, personal counseling, TB testing, and assistance with locating community resources.

We are located in the Student Union Building on the Merced campus, and in Student Services Building A on the Los Banos campus. Call (209) 384-6045 (MC) or (209) 826-3495, ext 6423, (LB) for more information or visit our web site at www.mccd.edu/studenthealth.

VETERANS RESOURCE CENTER
Merced College welcomes veterans wishing to further their education and encourages them to seek assistance through the Merced College Veterans Resource Center located in the Student Union Building. Staff are available to provide the paperwork and information necessary to establish eligibility. Veterans are also supplied with information about other campus resources and local agencies services. Department of Veterans Affairs encourages all new and returning veterans to contact them directly at www.gibill.gov or (888) 442-4551 for questions about veteran’s benefits and payments.

Academic counselors specializing in Veterans services are available to provide educational and career planning. Veterans Counseling is provided in the Veterans Resource Center located in the Student Union Building Tuesday thru Thursday. General counseling services are provided on the second floor of the Lesher Student Services Center, next to Admissions. Class registration information can be found in the “Schedule of Classes” booklet printed each semester or on the Merced College web site http://www.mccd.edu/academics/resources/schedule.html.

Veterans with disabilities can receive assistance from the College’s Disabled Student Program & Services (DSP&S) program. Call (209) 384-6155 or visit the Disabled Student Program & Services web site at http://www.mccd.edu/du/s/ for information about available services.

Personal Counseling is available through the Merced College Student Health Services Office. Call (209) 384-6045 or visit our Student Health web site at http://www.mccd.edu/studenthealth for information about personal counseling services.

Additional information may be obtained by calling the Veterans Resource Information Desk at 209-384-6118 or the Veterans Certifying Official at (209) 384-6113.

STUDY CENTRAL
Study Central is a place where students can receive assistance from peer guides and faculty who specialize in a variety of academic fields. The Center is equipped with computers and Internet access for research and class-related assignments. Merced Campus Student Union Building, Room 141 Monday through Friday 09:00a to 02:00p Call (209) 384-6177

TUTORIAL CENTER
The Tutorial Center provides tutoring at no cost to students. The Center provides individual and group tutoring in most subjects and is always staffed with highly-trained peer tutors. Merced Campus, Communications Building, Rm 1 FALL 2016 hours Monday & Tuesday 09:00a-07:00p Wednesday & Thursday 08:00a-05:00p Friday 08:00a-02:00p Los Banos Campus, LB-A-120 Call (209) 381-6416 or (209) 826-3495 x 6416 TUTORIAL WILL OPEN THE SECOND WEEK OF FALL 2016 SEMESTER

INSTRUCTIONAL LABS

COMPUTER LAB
In-class non-credit registration
Merced Campus, Communications Building, Rm 2 and Rm 5 FALL 2016 hours
Monday, Tuesday, Wednesday, Thursday: 08:00a-07:00p
Friday: 08:00a-01:00p
Los Banos Campus, LB-A-108 FALL 2016 hours
In-class non-credit registration
Monday, Tuesday, Wednesday, Thursday: 10:30a-02:30p

MATH LAB
Merced Campus, SCI-201 FALL 2016 hours
Monday, Tuesday, Wednesday, Thursday: 09:00a-07:00p
Friday: 09:00a-01:00p
Los Banos Campus, LB-A-108 FALL 2016 hours
Monday and Wednesday: 02:30-05:30p

READING LAB
Merced Campus, IAC-139
Refer to course listing for READ-80 and READ-81

WRITING LAB
Merced Campus, IAC-139/IAC-140
Refer to course listing for ENGL-85
ENGLISH AS A SECOND LANGUAGE AND PRE-COLLEGE ENGLISH SEQUENCE 2016-2017

- Degree applicable courses
- Transferable
- Meets the English Competency requirements

- Intermediate Non-Degree applicable basic skills courses
- Non Transferable
- Does not meet the English Competency requirements

- Non degree applicable basic skills courses
- Non Transferable
- Does not meet the English Competency requirements
- Suggested concurrent enrollment

ENGL-01A (4 units)
College Composition and Reading

ENGL-85 (5 units)
Foundations in Academic Literacy

READ-81 (4 units)
Foundations in Reading III

ENGL-84 (5 units)
Foundations in Writing III

READ-80 (4 units)
Foundations in Reading II

ENGL-83 (5 units)
Foundations in Writing II

ESL-92 (5 units)
ESL Reading and Writing

ESL-98 (3 units)
ESL Pronunciation and Speaking

ENGL-90 (4 units)
Foundations in Reading and Writing I

NON-CREDIT ESL

03-21-16
MATHEMATICS SEQUENCE 2016-2017

Degree applicable courses
- Transferable
- Meets the Math Competency requirements

Non applicable courses
- Non Transferable
- Does not meet the Math Competency requirements

Non degree applicable basic skills courses
- Non Transferable
- Does not meet the Math Competency requirements

MATH-08
Linear Algebra

MATH-06
Differential Equations

MATH-04C
Multivariable Calculus

MATH-04B
Calculus II

MATH-04A
Calculus I

MATH-02
or MATH-02H
Precalculus

MATH-07/CPSC-07
Discrete Structures

MATH-10
or PSYC-05
Statistics

MATH-15
Finite Math

MATH-20A
Basic Structure of Math I

MATH-20B
Basic Structure of Math II

MATH-25
Trigonometry

MATH-26
College Algebra for Liberal Arts

MATH-C
Intermediate Algebra

MATH-81
Beginning Algebra

MATH-B
Applied Math

MATH-80
Prealgebra

MATH-85
Career Technical Education Math
Advisory: MATH-90

MATH-81
Beginning Algebra

MATH-91
Decimals & Fractions

MATH-90
Arithmetic

MATH-90
Arithmetic

MATHEMATICS SEQUENCE 2016-2017

- INFORMATION - 97
Community Services

The Community Services program at Merced College has been an integral part of the College’s commitment to provide education, enrichment, and adventure to the community. The Community Services Program offers:

1. Fee-based classes to district residents interested in studying specific interests and enrichment areas.
2. Special programs for children and young adults during the summer session, known as College for Kids classes, sports camps, and swimming as well as throughout the year at our Kids Corner. The Medical Assistant (CCMA-AC) exam. Both of these programs are located at the Merced College Business Resource Center in downtown Merced. For more information about CAA, call (209) 386-6738 or visit www.mercedcollegecaa.org.

Career Advancement Academy (CAA)

The Career Advancement Academy (CAA) also known as the Employer-Focused Training Center (ETC) is dedicated to meeting the needs of employees and job seekers interested in short-term vocational training. Courses available include the Technical Office Occupations (TOO) program and the Medical Assistant (MA) program. In addition, the Medical Assistant Program prepares students for the California Certified Medical Assistant (CCMA-AC) exam. Both of these programs are offered at the Merced College Business Resource Center in downtown Merced. For more information about CAA, call (209) 386-6738 or visit www.mercedcollegecaa.org.

Center for International Trade Development (CITD)-Global Trade & Logistics (GT&L)

The CITDs enhance the competitive strength of California business in the international marketplace and support international trade development in their local and regional communities. The network has existing working relationships with local, industry, federal and international partners, and has contractual relationships with the U.S. Department of Commerce, International Trade Administration, the Western United States Agricultural Trade Association, US Agency for International Development, and the U.S. Department of Education, Business and International Education Programs. CITD serves over 2000 California businesses annually and offers the following value-added services:

- Individualized assistance to help existing companies and new ventures strategically evaluate and pursue international business opportunities
- International business conferences, workshops, and seminars designed to provide information and tools to help enterprises and organizations capitalize on global business
- Reference and referral services for specific customs, regulatory, and operational challenges
- International matchmaking services to include introducing California companies to potential trading partners through overseas trade missions, hosting of inbound delegations, and trade lead distribution
- Assisting community colleges in internationalizing their curricula and developing specialized programs and courses in international trade to help prepare California’s workforce to compete and contribute in the global economy.

The Global Trade and Logistics (GT&L) are hosted at Merced Community College District to serve the Central Mother Lode Region of Central California to support the following sector specific objectives:

- Expand the number of colleges offering global course content
- Expose more students to the global business and workplace environment
- Arm incumbent workers with an industry recognized credential to make them more globally competitive
- Promote exports which creates and supports high paying jobs, and helps with layoff aversion

To learn more, phone (209) 384-5892.

Retail, Hospitality, and Tourism/Learn & Earn (RHTLE)

Merced College hosts the Central and Mother Lode region’s Deputy Sector Navigator (DSN) for Retail, Hospitality, and Tourism industries from San Joaquin to Kern as well as Amador to Inyo Counties. The RHTLE DSN acts as a facilitator within all three of these economic sub-sectors, connecting industry employers with incumbent worker training and pipeline development with students within the public education system. The RHTLE DSN acts as a central point of contact for the sector within the region, offering a wide variety of workforce and educational resources in support of the statewide “Doing What Matters – for Jobs and the Economy” campaign (part of the California Community College Chancellor’s Office). For more information about RHTLE DSN, call (209) 386-6734 or visit www.doingwhatmatters.cccco.edu or www.centralvalley-motherloderht.org.

Workplace Learning Resource Center

The Workplace Learning Resource Center (WpLRC) provides Contract Education training to local employers in the greater Merced area with customized training, leadership, and development programs. The trainings offered are soft skills, manager/supervisory, technical, and certification skills that employees can immediately apply to their job upon completion of the training. Since its inception in 1994, the WpLRC has increased Merced College’s capacity to deliver training services to regional businesses, industry partners, and individuals through research, in-service training, and the development and implementation of innovative training programs. The WpLRC supports essential elements of the California Community College Mission and Goals, which is to advance California’s economic growth and global competitiveness through education, training, and services that contribute to continuous workforce improvement.

For more information about WpLRC, call (209) 386-6733 or visit www.mercedworkplacecenter.org.
ASSOCIATE DEGREE BREADTH REQUIREMENTS
2016-2017

Breadth requirements are designed to introduce students to the variety of means through which people comprehend the modern world. Those who receive associate degrees must possess in common certain basic principles, concepts and methodologies unique to and shared by the various fields of study. College-educated persons must be able to use this knowledge when evaluating and appreciating the physical environment, the culture, and the society in which they live. Most importantly, this education should lead to a better self understanding.

A student may use the same course to fulfill an AA/AS major requirement and associate degree breadth requirement.

To complete the associate breadth requirement, students must select courses that fulfill the unit requirements of the following areas:

Area A - Language and Rationality........................................ (6 units total)
Courses in language and rationality are those which develop for the student the principles and applications of language toward logical thought, clear and precise expression and critical evaluation of communication in whatever symbol system the student uses. (Select one course from each area.)

(A1) English Composition.................................................(3 units)
ENGL-01A

(A2) Communication and Analytical Thinking......................(3 units)
ACTG-04A
COMM-01, 01H, 02, 04, 05, 30
CPSC-07
ENGL-02, 13+, 13H+
MATH-C, 02, 02H, 04A, 04B, 04C, 06, 07, 08, 10, 15, 20A, 20B, 25, 26
PHIL-10, 12, 13+, 13H+
PSYC-05

Area B - Natural Sciences............................................... (3 units total)
Courses in the natural sciences are those which examine the physical universe, its life forms, and its natural phenomena.
ANSC-10
ANTH-01
ARCH-01
ASTR-01, 01L
BIOL-01, 02, 04A, 04B, 06, 09, 16, 18, 20, 32, 32L
CHEM-02A, 02B, 04A, 04B
ELCT-30
GEOG-01, 15
GEOL-01, 02, 03
PHSC-01, 01L, 02, 02L
PHYS-02A, 02B, 04A, 04B, 04C, 10
PLSC-10
PSYC-15
SOIL-10

Area C – Humanities.................................................... (3 units total)
Courses in the humanities are those which concentrate on the study of cultural activities and artistic expressions of human beings.
ART-01, 02, 06, 12A, 15, 24A
ARTD-40A, 40B, 41A, 41B, 42A, 42B, 45B
DRAM-01, 02, 02L, 04, 04L, 08, 12, 16, 23
ENGL-01B, 04A, 04B, 05, 06A, 06B, 07, 08, 10, 11, 14, 15, 18
FREN-01, 02, 03, 04
GERM-01, 02, 03, 04
HUMG-01, 02
HUM-01, 01H, 02, 02H, 15*, 21
JPN-01A, 01B, 02
MUSA-21B, 25A, 27A
MUSE-44, 45
MUSG-10, 11, 12, 13, 14
MUST-01, 02
PHIL-01, 01H, 02, 03, 04, 05, 15
PHOT-10A, 10B, 11A, 33, 35, 36
SPAN-01, 02, 03, 04, 10, 11

Area D - Social and Behavioral Sciences................................(6 units total)
Courses in the social and behavioral sciences are those which focus on people as members of society. (Select one course from area D1 and one course from area D2.)

(D1) Social And Behavioral Sciences............................(3 units)
AGBS-11
AGRI-10
ANTH-02, 10*
CRIM-01
ECON-01, 02
ECON-02, 12
PSYC-01A, 01AH, 15, 25
SOCI-01, 02, 03

(D2) History and Political Sciences.............................(3 units)
POSC-01, 02

Area E - Lifelong Understanding and Self-Development (5 units total)
Courses in lifelong understanding and self-development are those which equip human beings for lifelong learning by providing them with the skills necessary to function as independent adults in contemporary society and foster an understanding of themselves as integrated physiological and psychological entities. (Select one course from each area.)

(E1) Integrated Organism.............................................(3 units)
AOM-30
AUTO-04
BUS-35
CLDV-01, 02, 09+, 38
CPSC-01, 30
GUID-30, 48
HLTH-10, 15
KINE-01, 03
LANG-11
LRNR-30
50S, 51C, 51F, 51G, 52C, 52D
NUTR-10
PSYC-09*, 22, 23, 36, 40
REGN-34

(E2) Activity.............................................................(2 units)
ATHL-01A, 01B, 01D, 01G, 01I, 01J, 01K, 01L, 02A, 02B, 02D,
02G, 02I, 02K, 03, 13
KINE-09, 12A, 12B, 13, 14, 15, 16, 19, 20, 23, 24A, 24B, 24C, 30,
31, 32, 33, 34, 35, 41, 42
PHED-10H

*Designates ethnic studies courses which expose students to, develop an understanding of, and examine cultures that are different from the dominant culture of the United States. In addition, these courses teach an appreciation and knowledge of ethnic contributions to the society of the United States.

Courses listed in multiple areas shall not be certified in more than one area.

+ENGL-13 = PHIL-13; ENGL-13H = PHIL-13H
+CLDV-09 = PSYC-09

03-21-16
Students must achieve competency in the areas of reading, writing, mathematics, and computer and information literacy through the following:

**Reading Competency**
Students must receive a grade of "C" or better in ENGL-01A or the equivalent.

**Writing Competency**
Students must receive a grade of "C" or better in ENGL-01A, or the equivalent.

**Math Competency**
Students must receive a grade of "C" or better in MATH-C or a grade of "C" or better in any course which has the prerequisite of Math C, or the equivalent.

Merced College instituted a competency in Computer and Information Literacy in fall 2000. To meet the competency required in Computer and Information Literacy, you must receive a grade of "C" or better in courses which meet each of the competency requirements A through G listed below.

A. Name and describe the typical digital computer components and their functions;
B. Describe common computer applications and related social and ethical problems/impact;
C. Learn fundamental operation and concepts of word processing, spreadsheet, and/or database software applications;
D. Understand the difference between information and knowledge;
E. Understand the links among information centers and the access points available through technology and reference sources;
F. Understand the basic structure of electronic databases and the strategies used to access them;
G. Recognize the different levels, types, and formats of information including but not limited to primary vs. secondary, and popular vs. scholarly.

The courses and programs listed in the following grid show the areas of competency they covered in a given catalog year. The catalog year in which the course or program is completed determines if a particular competency is met. Competencies met by a specific course or program may change on a yearly basis.

Students should check their completed course work against the competency grid and consult a counselor to identify any specific competency still required.

Computer and Information Literacy competencies catalog rights are determined by the grid listed in the current catalog. Courses are determined to meet the competencies based upon the catalog year in which the student completes the target course, not upon the catalog when the student began attending Merced College.

Following are the areas of Computer and Information Literacy that various Merced College courses fulfil.

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www.mccd.edu 2016-2017 CATALOG

• Preparing For Graduation • 101
AP Credit for Merced College Associate Degree Breadth

Students will be granted three to six units of credit upon completion of the Advanced Placement (AP) examination with a score of 3, 4, or 5, depending upon the specific exam listed below. Not all AP exams are identified for credit and no letter grade will be given.

AP credit can not be counted toward the degree major. AP credit can be counted toward the associate degree general education requirements.

AP Credit for CSU GE

• For the fall 1997 term and beyond, all institutions participating in the CSU General Education-Breadth certification may treat the AP examinations listed below as though they were incorporated in the institutions' own General Education-Breadth certification list.
• Students must have scored 3, 4, or 5 on the AP examination to receive the credit indicated. All CSU campuses will accept the minimum units shown below toward fulfillment of the designated General Education–Breadth area if the examination is included in a full or subject-area certification.
• Individual CSU campuses may choose to accept more units than those specified below towards completion of General Education-Breadth requirements. The CSU campus to which the student is transferring determines the total number of units awarded for successful completion of an AP examination and the applicability of the examination to other graduation requirements.
• Not all AP examinations are approved systemwide for fulfillment of General Education-Breadth requirements, nor can all General Education-Breadth areas be completed by AP examination. No AP examination is accepted for fulfillment of the Area A3 (critical thinking) requirement.

AP Credit for IGETC (UC Campuses only)

A score of 3, 4, or 5 is required to grant credit for IGETC certification. An acceptable score for IGETC equates to either 3-semester or 4-quarter units for certification purposes. Each AP exam listed below may be applied to one IGETC area as satisfying one course requirement, with the exception of Language other Than English (LOTE). Students who have earned credit from an AP exam should not take a comparable college course because transfer credit will not be granted for both. If two areas are identified for an AP exam, either area may be used regardless of where the certifying CCC's discipline is located.

• Students earning scores of 3, 4, or 5 in the physical and biological science AP examinations earn credit toward IGETC Area 5 and meet the IGETC laboratory activity requirement. AP exams in Biology, Chemistry or Physics B allow CCC campuses to apply 4 semester or 5 quarter units to IGETC certification. For Environmental Science, Physics C; Mechanics and Physics C; Electricity/Magnetism, 3 semester or 4 quarter units are applied for IGETC certification. Therefore, students who complete these exams will be required to complete at least 4 semester or 5 quarter units to satisfy the minimum required units for Area 5.
• There is no equivalent AP exam for Area 1B- Critical Thinking/Composition requirement and Area 1C – Oral Communication (CSU requirement only).
• Actual AP transfer credit awarded for admission, major or baccalaureate degree requirements is determined by the individual CSU and UC campus. Students should check with the transfer campus of their choice for its policies on awarding unit credit for AP exams.

ADVANCED PLACEMENT (AP) GRID 2015-2016


University of California Student Affairs Document accurate as of Oct. 2015
California State University Systemwide Credit for External Exams Nov. 10, 2015

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<td></td>
<td></td>
</tr>
<tr>
<td>AP Government/Politics</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>AP History: European</td>
<td></td>
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<tr>
<td>U.S.</td>
<td></td>
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<td></td>
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<tr>
<td>World</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP Human Geography</td>
<td>3</td>
<td>D5</td>
<td>4E</td>
<td>D1 (3)</td>
<td></td>
</tr>
<tr>
<td>AP Italian Language and Culture</td>
<td>3</td>
<td>C2</td>
<td>F10*</td>
<td>6A+3B C (3)</td>
<td></td>
</tr>
<tr>
<td>AP Japanese Language and Culture</td>
<td>3</td>
<td>C2</td>
<td>6A+3B</td>
<td>C (3)</td>
<td></td>
</tr>
<tr>
<td>AP Latin Literature</td>
<td>3</td>
<td>C2</td>
<td></td>
<td></td>
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<tr>
<td>AP Latin</td>
<td>3</td>
<td>C2</td>
<td></td>
<td></td>
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<tr>
<td>AP Latin: Vergil</td>
<td>3</td>
<td>C2</td>
<td>F12</td>
<td>6A+3B C (3)</td>
<td></td>
</tr>
<tr>
<td>AP Macroeconomics</td>
<td>3</td>
<td>D2</td>
<td>4B</td>
<td>D1 (3)</td>
<td></td>
</tr>
<tr>
<td>AP Microeconomics</td>
<td>3</td>
<td>D2</td>
<td>4B</td>
<td>D1 (3)</td>
<td></td>
</tr>
<tr>
<td>AP Music Theory</td>
<td>3</td>
<td></td>
<td>F09*</td>
<td>n/a</td>
<td></td>
</tr>
<tr>
<td>AP Physics 1</td>
<td>4</td>
<td>B1 + B3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP Physics 2</td>
<td>4</td>
<td>B1 + B3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP Physics B</td>
<td>6</td>
<td>B1 + B3</td>
<td>F09*</td>
<td>n/a</td>
<td></td>
</tr>
<tr>
<td>AP Physics B</td>
<td>4</td>
<td>B1 + B3</td>
<td>F13*</td>
<td>5A + lab B1 (4)</td>
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</tr>
<tr>
<td>AP Physics C (electricity/magnetism)</td>
<td>4</td>
<td>B1 + B3</td>
<td>5A + lab</td>
<td>B1 (4)</td>
<td></td>
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<tr>
<td>AP Physics C (mechanics)</td>
<td>4</td>
<td>B1 + B3</td>
<td>5A + lab</td>
<td>B1 (4)</td>
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<tr>
<td>AP Psychology</td>
<td>3</td>
<td>D9</td>
<td>4I</td>
<td>D1 (3)</td>
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<tr>
<td>AP Seminar</td>
<td>0</td>
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<tr>
<td>AP Spanish Language</td>
<td>6</td>
<td>C2</td>
<td>S14*</td>
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<tr>
<td>AP Spanish Language and Culture</td>
<td>3</td>
<td>C2</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>AP Spanish Literature</td>
<td>6</td>
<td>C2</td>
<td>S13*</td>
<td>6A+3B</td>
<td></td>
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<tr>
<td>AP Spanish Literature and Culture</td>
<td>3</td>
<td>C2</td>
<td></td>
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<tr>
<td>AP Statistics</td>
<td>3</td>
<td>B4</td>
<td>2A</td>
<td>A2 (3)</td>
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<tr>
<td>AP Studio Art - 2D Design</td>
<td>0</td>
<td>n/a</td>
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<tr>
<td>AP Studio Art - 3D Design</td>
<td>0</td>
<td>n/a</td>
<td>n/a</td>
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<tr>
<td>AP Studio Art - Drawing</td>
<td>0</td>
<td>n/a</td>
<td>n/a</td>
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</tr>
<tr>
<td>AP U.S. Government &amp; Politics</td>
<td>3</td>
<td>D8 + US-2</td>
<td>4H</td>
<td>D2 (3)</td>
<td></td>
</tr>
<tr>
<td>AP U.S. History</td>
<td>3</td>
<td>(C2 or D6) + US-1</td>
<td>3B/4F</td>
<td>D2 (3)</td>
<td></td>
</tr>
<tr>
<td>AP World History</td>
<td>3</td>
<td>C2 or D6</td>
<td>3B/4F</td>
<td>D2 (3)</td>
<td></td>
</tr>
</tbody>
</table>

*Students seeking certification in GE Breadth prior to transfer must have passed the test before this date.
* If a student passes more than one AP exam in calculus or computer science, only one examination may be applied to the baccalaureate.
* Students who pass AP Environmental Science earn 4 units of credit. Tests prior to Fall 2009 may apply to either B1+B3 or B2+B3 of GE Breadth. Fall of 2009 or later, those credits may only apply to B1+B3.
* If a student passes more than one AP exam in physics, only six units of credit may be applied to the baccalaureate, and only four units of credit may be applied to a certification in GE Breadth.

ENGLISH: Language/Composition and Literature/Composition: Maximum Credit 8 quarter/5.3 semester units for both English Lang Comp and Lit/Comp.
MATH: Calculus AB/AB Subscore and Calculus BC: 8 quarter/5.3 semester units maximum for all exams; 4 quarter/2.7 semester units maximum between AB and AB subscore.
PHYSICS: Physics B, Physics C Mechanics and Physics C electricity/magnetism: 8 quarter/5.3 semester units maximum for all three physics exams.
General Information
Merced College provides the first two years of a four-year college or university program. The requirements for transfer vary considerably among the four-year institutions in California. As a result, entering students are encouraged to meet with a counselor at the College as soon as possible to plan his/her course of study.

The four-year institutions in California fall generally into three categories:

1. The California State University System (CSU): CSU Bakersfield, CSU Channel Islands, CSU Chico, CSU Dominguez Hills, CSU Fresno, CSU Fullerton, CSU East Bay, Humboldt State University, CSU Long Beach, CSU Los Angeles, CSU Maritime Academy, CSU Monterey Bay, CSU Northridge, California State Polytechnic University, Pomona, CSU Sacramento, CSU San Bernardino, CSU San Marcos, San Diego State University, San Francisco State University, San Jose State University, California Polytechnic State University, San Luis Obispo, Sonoma State University, and CSU Stanislaus. Each CSU campus accepts certification of breadth requirements completed at Merced College.

2. The University of California (UC): UC Berkeley, UC Davis, UC Irvine, UC Los Angeles, UC Merced, UC Riverside, UC San Diego, UC San Francisco (medical school), UC Santa Barbara, and UC Santa Cruz. UC campuses support a “transfer core curriculum”; however, each UC campus may list particular breadth and major requirements. Refer to www.assist.org for articulation agreements.

3. The Independent or Private Colleges and Universities: Some examples of the over 100 in California include Brandman University, Stanford University, University of the Pacific, Fresno Pacific, and the University of Southern California. Each private college or university has its own unique requirements.

California State University (CSU)
Basic Information
Merced College courses numbered 1 - 49 have been designated baccalaureate level courses transferable to the CSU system. These courses will be accepted by any campus of the California State University system for credit toward its baccalaureate degrees.

In preparing for transfer to a CSU campus, you should follow two concurrent pathways to complete required course work:

1. The CSU General Education Breadth courses listed on the following page; and
2. Articulated lower division major preparation courses as designated by the particular CSU campus to which you plan to transfer. A Merced College counselor can assist you with course selection.

CSU Transfer Admission Requirements
The majority of transfer students enter as upper-division transfers. Students can qualify for admissions to the CSU system as an upper-division transfer if they have a minimum of 60 semester or 90 quarter units. Your overall grade point average must be at least 2.0 (2.40 for California nonresidents.) The GPA is calculated using all transfer units attempted.

Some transfers will enter as lower-division transfers. If, at the time you will enter the CSU, you have completed 59 or fewer semester or 89 or fewer quarter units you are a lower-division transfer. Some CSU campuses do not accept lower-division transfers, so be sure to check with the campus if you are considering transfer as a lower-division student.

CSU Transfer Breadth Curriculum
Merced College will certify completion of the General Education Breadth requirements in part, or in their entirety, if you are transferring to one of the 23 campuses of the California State University System.

Merced College will give full certification upon the satisfactory completion of 39 designated units. In addition, a minimum of nine upper division units must be taken as designated by the state university conferring the B.A./B.S. Degree. If the CSU campus requires more than 48 General Education/Breadth units, you will take the additional units after transfer.

To complete the CSU transfer breadth requirements, students must select courses that fulfill the unit requirements of specific areas. (Courses listed in these areas may change, depending upon CSU Chancellor’s Office approval.) The CSU transfer breadth requirements appear on the following page.

SB 1440
The Student Transfer Agreement Reform Act (SB 1440 – Padilla), signed into legislation on September 29, 2010, enables the California Community Colleges and California State University to collaborate on the creation of Associate in Arts Degree (AA) and Associate in Science (AS) Degree transfer programs. This new law requires community colleges to grant an associate degree for transfer to a student once a student has met specified general education and major requirements for the degree. Upon completion of the associate degree, the student is eligible for transfer with junior standing into the California State University (CSU) system.

Students are given guaranteed admission into the California State University (CSU) system, and further are given priority consideration when applying to a particular program that is similar to the student’s community college major. The law prohibits the CSU from requiring a transferring student to repeat courses similar to those taken at the community college that counted toward their associate degree for transfer. It is expected that community college students will be able to declare an interest in pursuing specific transfer AA/AS degrees. Currently, Merced College has four approved AA-/AS-T Degrees: Administration of Justice, Communication Studies, Mathematics, and Psychology.

University of California System (UC)
Of the ten University of California campuses, nine welcome community college transfer students (UCSF is only a graduate level university). UC campuses support a “transfer core curriculum”; however, each of the ten campuses and the individual majors has unique requirements. Students planning to transfer to a UC campus should see a Merced College counselor as soon as possible in order to plan an appropriate program of study and work closely with the UC representative in the Career/Transfer Center.

Private Colleges and Universities
There are approximately 112 independent or private schools in the State of California not supported by state tax revenues. They vary greatly in programs offered, size, and number of transfer students. Each school acts autonomously, evaluating course work on an individual basis. To obtain specific transfer information, contact the admissions office at the school to which you wish to transfer. A Merced College counselor can help you plan your transfer program.
### CLEP 2015-2016

**COLLEGE LEVEL EXAMINATION PROGRAM**

Merced College participates in the College Level Examination Program (CLEP) offered by the American Council on Education (ACE). Merced College students may only receive credit towards the associate’s degree general education requirements locally established. CLEP general education subject area applicability exists system-wide for students completing CSU GE Breadth, but the UC system does not accept CLEP exams for credit under the IGETC pattern. Please see a counselor for more information.

<table>
<thead>
<tr>
<th>CLEP Examination</th>
<th>Merced College General Education Breadth Areas</th>
<th>Passing Score</th>
<th>Minimum Merced College Semester Units</th>
<th>CSU-GE Breadth and/or American Institutions / Units</th>
<th>Minimum CSU Semester Credits Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Government</td>
<td>POSC-01 (D2)</td>
<td>50</td>
<td>3</td>
<td>D8 - 3 units</td>
<td>3</td>
</tr>
<tr>
<td>American Literature</td>
<td>ENGL-10 or ENGL-11 (C)</td>
<td>50</td>
<td>3</td>
<td>C2 - 3 units</td>
<td>3</td>
</tr>
<tr>
<td>Analyzing and Interpreting Literature</td>
<td>BIOL-01 (B2)</td>
<td>50</td>
<td>4</td>
<td>B2 - 3 units</td>
<td>3</td>
</tr>
<tr>
<td>Biology</td>
<td>MATH-04A (A2)</td>
<td>50</td>
<td>4</td>
<td>B4 - 3 units</td>
<td>3</td>
</tr>
<tr>
<td>Calculus</td>
<td>CHEM-02A (B1)</td>
<td>50</td>
<td>4</td>
<td>B1 - 3 units</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry</td>
<td>MATH-26 (A2)</td>
<td>50</td>
<td>3</td>
<td>B4 - 3 units</td>
<td>3</td>
</tr>
<tr>
<td>College Algebra</td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>College Algebra-Trigonometry</td>
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<tr>
<td>English Literature</td>
<td>ENGL-06A or ENGL-06B</td>
<td>50</td>
<td>3</td>
<td>C2 - 3 units</td>
<td>3</td>
</tr>
<tr>
<td>French Level I</td>
<td>FREN-01 or FREN-02 (C)</td>
<td>50</td>
<td>6</td>
<td>N/A - 0 units</td>
<td>6</td>
</tr>
<tr>
<td>French Level II</td>
<td>FREN-03 or FREN-04 (C)</td>
<td>59</td>
<td>6</td>
<td>C2 - 3 units</td>
<td>12</td>
</tr>
<tr>
<td>German Level I</td>
<td>GERM-01 or GERM-02 (C)</td>
<td>50</td>
<td>6</td>
<td>N/A - 0 units</td>
<td>6</td>
</tr>
<tr>
<td>German Level II</td>
<td>GERM-03 or GERM-04 (C)</td>
<td>60</td>
<td>12</td>
<td>C2 - 3 units</td>
<td>12</td>
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<tr>
<td>History, United States I</td>
<td>HIST-17A (D2)</td>
<td>50</td>
<td>3</td>
<td>D6+US-1 - 3 units</td>
<td>3</td>
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<tr>
<td>History, United States II</td>
<td>HIST-17B (D2)</td>
<td>50</td>
<td>3</td>
<td>D6+US-1 - 3 units</td>
<td>3</td>
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<tr>
<td>Human Growth and Development</td>
<td>PSYC-09 or CLDV-09 (E1)</td>
<td>50</td>
<td>3</td>
<td>E - 3 units</td>
<td>3</td>
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<tr>
<td>Humanities</td>
<td>HUM-01 or HUM-02 (C)</td>
<td>50</td>
<td>3</td>
<td>C2 - 3 units</td>
<td>3</td>
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<tr>
<td>Introductory Business Law</td>
<td>BUS-18A (No GE area)</td>
<td>50</td>
<td>4</td>
<td>N/A - 0 units</td>
<td>3</td>
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<tr>
<td>Introduction to Psychology</td>
<td>PSYC-01A (D1)</td>
<td>50</td>
<td>3</td>
<td>D9 - 3 units</td>
<td>3</td>
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<tr>
<td>Introduction to Sociology</td>
<td>SOC-01 (D1)</td>
<td>50</td>
<td>3</td>
<td>D0 - 3 units</td>
<td>3</td>
</tr>
<tr>
<td>Pre-Calculus</td>
<td>MATH-02 (A2)</td>
<td>50</td>
<td>4</td>
<td>B4 - 3 units</td>
<td>3</td>
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<tr>
<td>Principles of Macroeconomics</td>
<td>ECON-02 (D1)</td>
<td>50</td>
<td>3</td>
<td>D2 - 3 units</td>
<td>3</td>
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<tr>
<td>Principles of Management</td>
<td>MGMT-31 (No GE area)</td>
<td>50</td>
<td>3</td>
<td>N/A - 0 units</td>
<td>3</td>
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<tr>
<td>Principles of Marketing</td>
<td>MKTG-30 (No GE area)</td>
<td>50</td>
<td>3</td>
<td>N/A - 0 units</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Microeconomics</td>
<td>ECON-01 (D1)</td>
<td>50</td>
<td>3</td>
<td>D2 - 3 units</td>
<td>3</td>
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<tr>
<td>Spanish Level I</td>
<td>SPAN-01 or SPAN-02 (C)</td>
<td>50</td>
<td>6</td>
<td>N/A - 0 units</td>
<td>6</td>
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<tr>
<td>Spanish Level II</td>
<td>SPAN-03 or SPAN-04 (C)</td>
<td>63</td>
<td>6</td>
<td>C2 - 3 units</td>
<td>12</td>
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<tr>
<td>Trigonometry</td>
<td>MATH-25 (A2)</td>
<td>50</td>
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<td>B4 - 3 units</td>
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<tr>
<td>Western Civilization I</td>
<td>HIST-04A (D2)</td>
<td>50</td>
<td>3</td>
<td>C2 or D6 - 3 units</td>
<td>3</td>
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<tr>
<td>Western Civilization II</td>
<td>HIST-04B (D2)</td>
<td>50</td>
<td>3</td>
<td>D6 - 3 units</td>
<td>3</td>
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</table>

1. If a student passes more than one CLEP test in the same language other than English (e.g. two exams in French), then only one examination may be applied to the baccalaureate. For each test in a language other than English, a passing score of 50 is considered “Level I” and earns six units of baccalaureate credit; the higher score for each test is considered “Level II” and earns additional units of credit and placement in Area C2 of GE Breadth, as noted.

2. Areas of GE Breadth (A1 through E) are defined in EO 1033. Areas of American Institutions (US-1 through US-3) are set forth in Sections 1A and 1B of EO 405, and at assist.org.

3. These units count toward eligibility for admissions to the CSU. The units may not all apply toward certification of the corresponding GE-Breadth area. (CSU Executive Orders 1033 and 1036).
CSU-GE BREADTH CERTIFICATION REQUIREMENTS 2015-2016

AREA A: English Language Communication and Critical Thinking
Select one course from each category:
A1 Oral Communication
COMM-01, 01H, 04, 05
A2 Written Communication [AP accepted]
ENGL-01A
A3 Critical Thinking
ENGL/PHIL-13, 13H, PHIL-10, 12

AREA B: Scientific Inquiry and Quantitative Reasoning
A minimum of 9 units is required with one course each from areas B1, B2, and B4. At least one of the courses must be a lab course from B3 (Lab courses are underlined under B1 and B2):
B1 Physical Science [AP, IB & CLEP accepted]
ARCH-01
ASTR-01, 01L
CHEM-02A, 02B, 04A, 04B
GEOG-01, 01L
GEOL-01, 02, 03
PHSC-01, 01L
PHYS-02A, 02B, 04A, 04B, 04C, 10
SOIL-10
B2 Life Science [AP, IB & CLEP accepted]
ANTH-01
BIOL-01, 02, 04A, 04B, 06, 09, 16, 18, 20, 32
PLSC-10
PSYC-15
B3 Laboratory Activity
ANTH-01
ASTR-01L
BIOL-01, 02, 04A, 04B, 16, 18, 20, 32L
CHEM-02A, 02B, 04A, 04B
GEOG-01L
GEOL-01, 02, 03
PHSC-01L
PHYS-02A, 02B, 04A, 04B, 04C
PLSC-10
SOIL-10
B4 Mathematics/Quantitative Reasoning [AP, IB & CLEP accepted]
CPSC/MATH-07
MATH-02, 02H, 04A, 04B, 04C, 06, 08, 10, 15, 20A, 20B, 25, 26
PSYC-05

AREA C: Arts and Humanities
A minimum of 9 semester units are required with at least one course from each area:
C1 Arts (Art, Dance, Music, Theater) [AP & IB accepted]
ART-01, 02, 06
ARTD-40A, 40B
DRAM-01, 08
ENGL-14, 15
MUSG-10, 11, 12, 13, 14
PHOT-33, 36
C2 Humanities (Literature, Philosophy, and Foreign Language) [AP, IB & CLEP accepted]
DRAM-01
ENGL-01B, 04A, 04B, 05, 06A, 06B, 07, 08, 10, 11, 18
FREN-01, 02, 03, 04
GERM-01, 02, 03, 04
HIST-04A, 04B, 05, 09A, 09B, 17A, 17AH, 17B, 17BH
HMNG-01, 02
HUM-01, 01H, 02, 02H, 15, 21
JPNS-01A, 01B, 02
PHIL-01, 01H, 03, 04, 05, 15
SPAN-01, 02, 03, 04, 10, 11

AREA D: Social Sciences [AP, IB & CLEP accepted]
A minimum of 9 semester units are required with courses in at least two disciplines:
AGBS-11
AGRI-10
ANTH-02, 10
CLDV-01, 02
COMM-30
CRIM-01
ECON-01, 02
GEOG-02
GEOL-02
HIST-04A, 04B, 05, 17A, 17AH, 17B, 17BH, 22, 23, 29
HUM-15
POSC-01, 02
PSYC-01A, 01AH, 15, 22, 23, 25, 36
SOC-01

AREA E: Lifelong Understanding and Self-Development
A minimum of 3 units are required from the following:
E Integrated Organism [CLEP accepted]
ATHL-02A, 02B, 02D, 02G, 02I, 02K
CLDV-01, 02, 09+
GUID-30
HLTH-10
NUTR-10
PSYC-09+, 22, 23
REGN-34

Minimum Total CSU-GE Certification: 39 Units

Merced College Courses Designated to Meet CSU History, Constitution, and American Ideals Graduation Requirement [AP & CLEP accepted]
The American Institutions Requirement (AIR) (U.S. History, Constitution, California State and Local Government) as well as requirements for Political and Economic Institutions may be met by completion of one of the following sequences:
Sequence A:
HIST-17A or HIST-17AH (both meet US-1 and US-2) AND
HIST-17B or HIST-17BH (both meet US-1 and US-3)
Sequence B:
HIST-17A or HIST-17AH or HIST-17B or HIST-17BH or HIST-22
(US-1)
AND
POSC-01 (US-2 AND US-3)

Students satisfy this CSU graduation requirement through coursework in three areas:
US-1: Historical development of American institutions and ideals
US-2: U.S. Constitution and government
US-3: California state and local government Conditions:
• This requirement may be met before or after transfer to the CSU.
• Students who want to fulfill this requirement with courses taken before Fall, 2004 should consult their college catalogs.
• If a course is approved for more than one US Area above, a student may use the course to satisfy all areas listed.
• US-1 may be completed with a score of 3 or higher on Advanced Placement US History.
• US-2 (but not US-3) may be completed with a score of 3 or higher on Advanced Placement US Government & Politics.
• At the discretion of the CSU Campus granting the degree, courses meeting this requirement may also be counted toward certification in general education (GE Breadth or IGETC).
Check with your counselor for details.

03-24-16
IGETC 2015-2016

Intersegmental General Education Transfer Curriculum

Completion of the IGETC permits a student to transfer from Merced College to a campus in either the California State University or the University of California system without the need after transfer to take additional, lower division, general education courses to satisfy the campus GE requirements. IGETC is not recommended for majors that require extensive lower division preparation. Consult with your counselor. Students may also fulfill the general education requirements by completing the specific lower division breadth and general education requirements of the school or college of the campus to which the student intends to transfer. Students intending to transfer to the California State University System may also complete the requirement by fulfilling the CSU’s general education requirement.

Completion of the IGETC will not satisfy the American Institutions requirement. Courses used to satisfy the American Institutions requirement may not be counted to satisfy either a Humanities or a Social and Behavioral Science requirement.

AREA 1: English Communication
- UC: Select one course from 1A & 1B.
- CSU: Select one course from 1A, 1B and 1C.

Group A: English Composition [AP accepted]
- ENGL-01A

Group B: Critical Thinking
- ENGL/PHIL-13*, 13H

Group C: Oral Communication (CSU REQUIREMENT ONLY)
- COMM-01, 01H, 04

AREA 2: Mathematical Concepts and Quantitative Reasoning [AP accepted]
(One course: 3 semester units)
- CPSC/MATH-07
- MATH-02*, 02H+, 04A, 04B, 04C, 06, 07, 08, 10, 15, 26+
- PSYC-05

AREA 3: Arts & Humanities
A minimum of three courses (nine semester units) are required with at least one course from 3A and 3B

3A. Arts [AP & IB accepted]
- ART-01, 02
- ARTD-40A, 40B
- ENGL-14
- HUM-21
- MUSG-10, 11, 13, 14
- PHOT-33

3B. Humanities [AP & IB accepted]
- DRAM-01
- ENGL-01B*, 04A, 04B, 05, 06A, 06B, 07, 08, 10, 11, 18
- FREN-03*, 04*
- GERM-02*, 03*, 04*
- HIST-04A, 04B, 05*, 09A*, 09B, 17A*, 17AH*, 17B*, 17BH*
- HMNG-02*
- HUM-01, 01H, 02, 02H, 15*
- PHIL-01, 01H, 03, 04, 05, 15
- SPAN-02*, 03*, 04*

AREA 4: Social & Behavioral Sciences [AP & IB accepted]
A minimum of three courses (9 semester units) is required from at least two disciplines
- AGBS-11
- ANTH-02, 10
- CLDV-01, 02
- COMM-30
- ECON-01, 02
- GEOG-02
- HIST-05*, 09A*, 17A*, 17AH*, 17B*, 17BH*, 22, 23
- HUM-15*
- POSC-01, 02
- PSYC-01A, 01AH, 15*, 22, 23, 25, 36
- SOC-01

AREA 5: Physical & Biological Sciences
A minimum of two course (7-9 semester units) is required with at least one course from 5A and 5B. At least one course must be a lab course listed in "5C Laboratory".

5A. Physical Science [AP & IB accepted]
- ARCH-01
- ASTR-01
- CHEM-02A+, 02B+, 04A, 04B
- GEOG-01
- GEOL-01, 02*, 03+
- PHSC-01+
- PHYS-02A+, 02B+, 04A, 04B, 04C+, 10+
- SOIL-10

5B. Biological Science [AP & IB accepted]
- ANTH-01
- BIOL-01+, 02, 04A, 04B, 06, 09, 16, 18, 20, 32
- PLSC-10
- PSYC-15*

5C. Laboratory [AP & IB accepted]
- ANTH-01
- ASTR-01L
- BIOL-01+, 02, 04A, 04B, 16, 18, 20, 32L
- CHEM-02A+, 02B+, 04A, 04B
- GEOG-01L
- GEOL-01, 02*, 03+
- PHSC-01L
- PHYS-02A+, 02B+, 04A+, 04B+, 04C+
- PLSC-10
- SOIL-10

AREA 6: Language Other Than English [AP & IB accepted] [UC ONLY]
Requires proficiency equivalent to two years of high school study in the same language. Courses from another college, AP/IB, or courses above the proficiency level may also be used to meet this requirement.
- FREN-01, 02, 03*, 04*
- GERM-01, 02*, 03*, 04*
- HMNG-01, 02*
- JPN-01B, 02
- SPAN-01+, 02**, 03*, 04*, 10**, 11**

+Transfer Credit is limited by UC or CSU or both. Please consult with a counselor.
*Courses listed in multiple areas shall not be certified in more than one area except for courses in Area 6, Language Other Than English, which can be certified in both Areas 3B and 6

03-24-16
University of California Transfer Course Agreement

IMPORTANT INFORMATION ABOUT UC’S TRANSFERABLE COURSE AGREEMENTS

Variable Topics Courses:
These courses are also called “Independent Studies”, “Special Studies”, “Special Topics”, “Field Work”, etc. Credit for variable topics courses is given only after a review of the scope and content of the course by the enrolling UC campus. This usually occurs after transfer and may require recommendations from faculty. Information about internships may also be presented for review, but credit for internships rarely transfers to UC. UC does not grant credit for variable topics courses in Journalism, Photography, Health, Business Administration, Architecture, Administration of Justice (Criminology) or Library Departments because of credit restrictions in these areas.

Honors Course Credit Limitation:
Duplicate credit will not be awarded for both the honors and regular versions of a course. Credit will only be awarded to the first course completed with a grade of C or better.

Course Repeatability:
An “ea” after the unit value of a course on this agreement is meant to indicate that the course may be repeated for credit under CCC campus policies. Since campus policies on repeatability vary, the “ea” indicator does not guarantee that UC will grant credit for every course that appears multiple times on a student's transcript.

LEGEND:
* Any or all of these PE Activity courses combined: maximum credit, 4 units
+ATHL: Any or all of these courses combined: maximum credit, 8 units
*BIOI-01: No credit for BIOI-01 if taken after BIOI-04A (per catalog)
+ CHEM-02A No credit for CHEM-2A if taken after CHEM -4A
+ CHEM-02B No credit for CHEM-2B if taken after CHEM -12A
**FREN-01 Corresponds to two years of high school study
*GEOL-03 No credit if taken after a college level course in Astronomy, Geology, Oceanography or Meteorology
**GERM-01 Corresponds to two years of high school study
*HLTH-10 and HLTH-15 combined: maximum credit, one course
**HMNG-01 Corresponds to two years of high school study
**JPNS-01B Corresponds to two years of high school study
+ KINE: Any or all of these courses combined: maximum credit, 8 units
* KINE: Any or all of these PE Activity courses combined: maximum credit, 4 units
*LAND-10A and 10B combined: maximum credit, one course
*LBST-10 and LBST-20 combined: maximum credit, one course
+MATH -02, MATH-2H and -26 combined: maximum credit, 5 semester units
**MATH-20A and MATH -20B combined: maximum credit, one course
*PHOT-10B AND PHOT-11A combined: maximum credit, one course
*PHED: Any or all of these PE activity courses combined: maximum credit, 4 semester units
+PHED: Any or all of these courses combined: maximum credit, 8 units
*PHSC-01: No credit for PHSC-01 if taken after a college level courses in Astronomy, Geology, or Physics
*PHSC-02/PHSC-02L: No credit if taken after a more advanced course I Chemistry or Physics
*PHYS-02A, PHYS-02B and PHYS-04A, PHYS-04B, PHYS-04C combined: maximum credit, one series; deduct credit for duplication of topics
+PHYS-10: No credit if taken after PHYS-02A or PHYS-04A
*SPAN-01 and SPAN -10 combined: maximum credit, one course – corresponds to two years of high school study
=SPAN-02 and SPAN-11 combined: maximum credit, one course

03-21-16
### University of California Transfer Course Agreement

This agreement lists courses transferable for unit credit at all UC campuses. It is based on information from the 2013-14 UCP (University of California Policy) transfer course agreement, and is valid for the current academic year listed at the top of this agreement. Courses marked with "UC-" will satisfy the five areas of the 1999 transfer course requirements (E = English, M = Math, H = Humanities, B = Behavioral and Social Sciences, S = Biological and Physical Sciences). Meet with your counselor to determine more specific transfer credit information.

### SEE NEXT PAGE FOR IMPORTANT INFORMATION ABOUT UC'S TRANSFERABLE COURSE AGREEMENTS.

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If you have attended Merced College recently, your records should be on file and available to counselors. If you are new to Merced College, bring a copy of any prior (unofficial) transcripts whether from your high school or from other college(s) you attended. Bring these transcripts to your counseling appointment.

Prerequisite: This represents a set of skills or a body of knowledge that one must possess prior to enrolling in a course. Without these skills a student will unlikely receive a satisfactory grade in the course or succeed in the program. Students will not be permitted to enroll in these courses and programs without the prerequisite.

Corequisite - One-way: This represents a course whose content is dependent on a main course; however, the contents of the main course can stand alone. These courses do not necessarily need to be taken during the same semester.

Corequisite - Two-way: These are paired courses that are part of the same sequence and must be taken during the same semester.

Limitation on Enrollment: This is an audition or try-out requirement associated with public performance or intercollegiate competition, honors courses, or blocks of courses intended for a cohort or group of students (such as a nursing program).

Advisory: This is a course, skill, or status which is strongly recommended but not required. Students with the advised skill will probably have a better understanding of the course material.

CHALLENGING A PREREQUISITE:
Students who believe they have met the requirements (or if one of the conditions below exists) may challenge a prerequisite. A challenge petition can be obtained from the Counseling Office. The form will explain what must be done. Students may challenge the criteria for a course if they:

1. Believe they have the knowledge or ability to succeed in the course but have not completed the pre- or corequisite;
2. Believe that, although not having met the health or safety pre- or corequisite, feel they don’t pose a threat to themselves or others;
3. Believe they will be subject to undue delay in reaching the goal of their educational plan because the pre- or corequisite course has not been made reasonably available, or the course has been limited to a special group of students and there are no other courses which would fulfill the requirement. (Students must attach a copy of their “Student Educational Plan” to be eligible to file a challenge based on this condition.);
4. Believe that the pre- or corequisite was established in violation of Title 5 regulations or in violation of district-approved policies;
5. Believe it is unlawfully discriminatory or is being applied in an unlawfully discriminatory manner.

Supporting documentation MUST be attached to all challenges submitted. Challenges may be filed at anytime during the registration period. Upon completion of the challenge procedure, the challenge will be reviewed and the student will be advised of the determination within five working days. For more detailed information on the challenge process, call the Counseling Office at (209) 384-6314.

THE ASSESSMENT PROCESS:
Students new to Merced College or who have not completed transfer-level English and math courses should participate in the assessment process. Assessment instruments are used as an advisory tool to assist in identifying skill levels in English and math, and also in the selection of an educational program. Scores are advisory only. Counselors can discuss the scores and other relevant personal and educational information to help determine course selection. Course placement will be based on the placement range and other multiple measures, such as recent academic history.

Students pursuing an associate degree will have English and math requirements and should begin to fulfill these requirements as early in their college career as possible.

Goals of the assessment process are:
● To assist in determining which student and instructional services are needed to support admission and ongoing enrollment in the College;
● To assist in determining a student’s level of proficiency in the areas of reading, writing, and mathematics so that placement into course work is appropriate to one’s goals;
● And to assist in determining one’s career goals so that realistic and purposeful educational planning will be provided, and if one is undecided, the opportunity to participate in course work whose focus is career decision-making.

Except in rare circumstances when approved by a counselor, students are not allowed to retake assessment tests until the subsequent semester of enrollment. Once a student has begun a math or English course, assessment tests cannot be retaken.

Alternate assessment processes are provided to students with limited English proficiency or disabling conditions which may require accommodation. Contact the Assessment Technician at (209) 384-6089 for information.
The Board of Governors has changed the regulations for course repetition. The changes were made first and foremost to limit the number of times a student can enroll in the same or similar courses in physical education, visual and performing arts. In addition, changes were made to clarify the limited circumstances under which a student could enroll more than once in the same course. The regulations set upper limits on the number of times and circumstances in which a district may permit a student to enroll in the same credit course.

Active Participatory Courses in Physical Education, Visual and Performing Arts

Title 5 sections 55000, 55040, and 55041, now identify and limit the number of times a student can enroll in active participatory courses in physical education, visual and performing arts that are related in content. A course related in content includes any course with similar primary education activities in which skill levels or variations are separated into distinct courses with different student learning outcomes for each level or variation. Students are limited to four semester or six quarter enrollments in all levels and/or variation. ALL GRADES COUNT, INCLUDING F, W, FW, or NP.

The following is the list of courses that are approved by the committee as Courses Related in Content:

* Course is currently approved to be repeated. Please read course description for the limited number of repeats allowed.
+ Course is not active.
### Courses Related in Content Continued

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<th>Small Music Ensemble</th>
<th>Team Sports</th>
<th>Aquatics</th>
<th>Life Fitness</th>
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**Fundamentals of Photography**

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- PHOTO-10BL+
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- PHOTO-57A+
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02-29-16
The Student Success and Support Program (SSSP) refers to the services Merced College provides you from your point of entry through the completion of your program of study. The State of California mandated SSSP services are the orientation, assessment, counseling and other educational planning, and follow up and referral. The intent of these services is to increase your opportunity for success in your academic pursuits. You are required to become a matriculated student unless you meet the exemption criteria.

**MERCED COLLEGE RESPONSIBILITIES**

Within the Student Success and Support Program Merced College provides an orientation to college programs, services, and procedures; an assessment of basic educational skills and career goals; pre-enrollment counseling/advising and course selection; a suitable curriculum or program of courses; quality instruction; and continuous follow up on student progress with referral to support services when needed.

**STUDENT RESPONSIBILITIES**

As part of the Student Success and Support Program, students agree to express a broad educational intent at the time of admission; declare a specific educational objective within a reasonable period of enrollment; complete the placement test or other assessments; confer with counselors for registration approval and discussion of educational and vocational choices; attend classes (including orientation) and complete assigned course work; seek out support services as needed; and complete courses and maintain progress toward an educational goal.

You are a matriculated student if you have completed the orientation, assessment process, and have met with a counselor to complete an abbreviated or comprehensive student education plan.

You are an exempted student if you have an AA/AS or higher degree (and can provide documentation); are enrolling at the college for a reason other than career development or advancement, transfer, attainment of a degree or certificate of achievement, or completion of a basic skills or English as a Second Language course sequence; are enrolling at the college solely to take a course that is legally mandated for employment or necessary in response to a significant change in industry or licensure standards; has enrolled at the college as a special admit student (K-12).

As an exempted student, you are not required to participate in any SSSP service. However, you may participate in any or all of these services if you choose to do so.

To become a matriculated student, you must complete the following SSSP services. To begin the matriculation process visit our website at www.mccd.edu and click on New & Returning Students. The steps are listed as follows:

- Apply - complete our online application
- Orient - complete our online orientation
- Assess - complete the assessment requirements
- Plan - sign up for a new student planning session.

Note: Please identify any special needs accommodations required when you make any of the above appointments.

- Complete the English and Math assessments. **Your student ID card is required.** Retaking assessment tests is not allowed until your subsequent semester of enrollment, except in rare circumstances when approved by a counselor. Once you have begun a math or English course, you cannot retake the assessment tests. The Assessment Center is located on the first floor of the Lesher Student Services Center.
- Bring your assessment information and high school and/or other college transcripts to your new student planning session.
- Register for classes, beginning October 15, 2014, on the Merced College website or at the registration counter in the Lesher Student Services Center.
- Pay fees, according to the fee payment schedule in place at the time you register, at the Student Fees counter in the Lesher Student Services Center.
General Information

Educational Opportunities
Founded in 1962, Merced College offers students an opportunity to obtain an associate degree or to transfer academic credits to the California State University or the University of California. The College offers vocational certificates in various programs and serves all students who live within the District.

Admission to Merced College
Each candidate should have a high school diploma or equivalent, or should be a minimum of 18 years old, and should be able to take advantage of the instruction offered.

Registration at Merced College
The Office of Admissions and Records has the responsibility to admit and assist with the registration of all eligible students. Prospective students should follow these general guidelines for admission and registration:

- Participate in the orientation/advising process.
- Complete the application for admission at www.cccapply.org
- Register online for classes and pay fees.

Detailed information regarding this process is available online.
http://www.mccd.edu/students_new_returning.html

Student Services
Counseling services are available to assist students in the selection of appropriate courses and to provide other course-related assistance and referrals. Financial aid is available to all eligible students. Many grants and/or scholarship can help pay for educational expenses. For more information regarding these and other student services go to www.mccd.edu/services/index.html.

Information in español

Oportunidades Educativas
Fundada en 1962, El Colegio Comunitario de Merced ofrece a los estudiantes la oportunidad de obtener un grado de asociado o la transferencia de créditos académicos a la Universidad Estatal de California o la Universidad de California. El Colegio ofrece certificados vocacionales en diversos programas y sirve a todos los estudiantes que viven dentro del Distrito.

Inscripción en el Colegio Comunitario de Merced
La Oficina de Admisiones y Archivos es responsable por la admisión y asistencia en la inscripción de todos estudiantes que califican para admisión. Futuros estudiantes deben de seguir las directivas generales sobre admisión y inscripción:

- Participe en los procesos de admisión y consejos.
- Cumpla la aplicación de de admisión a www.cccapply.org
- Regístrese en el internet por clases y el pago de matrícula

Información detallada tocante estos procesos está disponible en el internet:
http://www.mccd.edu/students_new_returning.html

Servicios Estudiantiles
El Colegio ofrece servicios de consejos para ayudar estudiantes elegir clases apropiadas y a proveer asistencias relacionadas a clases. También se ofrece asistencia financiera a estudiantes que califican. Hay muchas becas que ayudan con los gastos educativos. Si necesita más información tocante todos estos servicios, contacte el Colegio Comunitario de Merced a: www.mccd.edu/services/index.html
Academic Freedom

Since the vitality of a society is energized and sustained by ideas, and since the nature of a college involves the examination and discussion of those ideas, a policy of academic freedom protecting such free examination and expression historically has been deemed necessary.

To this end, the Merced Community College District is committed to free discussion and open inquiry. We recognize that the freedom to think, to read, to speak, and to question is necessary for the development of an informed citizenry.

This freedom shall be integral to the philosophy of this District and is guaranteed to students, faculty, administration, and staff. This freedom is both a right and a responsibility. As a right, it assures unimpeded research, study, and inquiry. It also assures the right to free expression in both public and private settings, including the right to disagree.

As a responsibility, it obligates members of the college community to present, discuss, and interpret ideas, knowledgeably, fairly, and objectively, with openness to the ideas of others, with the intention to stimulate independent thinking, and with sensitivity to the special situations of students.

To ensure these principles of intellectual freedom, the administration and the Board of Trustees will demonstrate their support by actively working to foster this freedom.

Conduct

The Merced College Standards of Student Conduct, as approved by the Board of Trustees, is available online. Policies affecting student conduct may be found under the links related to Board Policies and Procedures 5500. Copies also may be obtained from the Office of Student Personnel.

Merced College students are expected to conduct themselves in an exemplary manner. Students are prohibited from using or possessing drugs or alcoholic beverages on the campus or at any school function held on or off campus. Students not following standards of student conduct may experience a range of disciplinary actions.

The Student Code of Conduct (Board Policy 5500) also may be found on the Merced College web site under the link for Board of Trustees.

Copyrighted Materials, Including Music, Video and Printed Materials

The District supports the Higher Education Opportunity Act and Digital Millennium Copyright Act, which outline efforts to eliminate the illegal distribution of copyrighted material. Under the law, college administrators may be obligated to provide copyright holders with information about users of the District’s information network who have violated the law. Accordingly, students are prohibited from using the information network to illegally download and/or share music, video and all other copyrighted intellectual property. Illegal forms of downloading and file sharing as well as the unauthorized distribution of copyrighted materials are violations of the law and may subject offenders to academic sanctions from the College as well as criminal and civil penalties, including a lawsuit brought by the Recording Industry Association of America (RIAA). In addition to being illegal, file sharing drains the District’s network bandwidth, which slows computer connections for students and employees who are using the network for legitimate academic purposes and ultimately creates an unnecessary financial burden to the College. The District has developed policies with consequences to ensure that students properly use the information network and respect music and other forms of intellectual property as well as conduct responsible use of the Internet. These policies are available from the President’s Office or from the Learning Resources Center.

Drug And Alcohol Free Campus Information

Merced College is an alcohol and drug free educational institution. In addition to being in violation of state and federal laws, Merced College Board Policies and Administrative Procedures #3550, Drug-free Environment and Drug Prevention Program, and #5500, Standards of Conduct, make the distribution, possession, use, or being under the influence of alcohol or illegal controlled substances, or offering, arranging or negotiating the sale of any drug paraphernalia [as defined in California Health and Safety Code Section 11014.5], forbidden on campus, at off-campus centers, or at campus sponsored events or activities [except as noted in Board Policy and Administrative Procedure #3560].

The following information is provided to you to make you aware of the disciplinary and/or criminal actions that can result from violations as stipulated in Board Policies and Administrative Procedures #3550 and #5500. It is also to familiarize you with support resources available.

If you or a fellow student has a drug or alcohol related problem, you are encouraged to meet with the Student Health Nurse (384-6045) or a Personal Counselor (384-6045) so that we may assist you in locating the appropriate resources.

As an educational institution, we recognize the importance of providing all members of the college community with information on the effects of alcohol and drug use. Students may obtain such information through the Student Health Center. Students are asked to review the “Standards of Student Conduct” section in the College catalog for details regarding legal and disciplinary sanctions for violations of these policies.

If there are any questions regarding these regulations, please see the Vice-President of Student Services, located in the Administration Building.

Health Risks

Substance abuse on college campuses is not new, but it is taking on more extreme and dangerous forms. Higher rates of binge drinking and prescription drug abuse, in addition to the abuse of other substances, is resulting in more negative consequences for students, including arrests and risky sexual behavior.

Alcohol and drugs can make you sick, damage your body and brain, or kill you. Health risks from excessive use of alcohol and/or controlled substances may include poor vision, loss of coordination, memory loss, loss of sensation, mental and physical disturbances (DT’s), brain damage, liver failure, digestive problems, heart disease, and malnutrition. When alcohol is used with other drugs, there is a greater risk of serious illness or death.

Using drugs or alcohol can make it difficult for you to learn and remember things. When using drugs, you often lose your coordination and can’t think clearly. Alcohol or drug use may cause or increase feelings of anxiety, depression, and unhappiness, and may even trigger psychosis (loss of reality). More than half of all teenage suicides are drug related. Drug and/or alcohol abuse have significant consequences for the health and well-being of those who use, as well as those around them.

Disciplinary Actions

Disciplinary action for violation of the Merced College Drug and Alcohol Policies:

In addition to the penalties stated in the Merced College Board Policies and Administrative Procedures #3550 and #5500, the Merced College Police Department will be notified of the offenses and may initiate criminal action with the Merced County District Attorney’s Office.
Gainful Employment Disclosure Metrics

Federal Department of Education’s regulation on Gainful Employment requires each college to provide students with Gainful Employment (GE) disclosure metrics that can be helpful when deciding where to obtain career technical education training. GE information for Merced College can be found by selecting the Gainful Employment Disclosure icon on the Merced College home page or by logging on to the following web site: Merced College Gainful Employment.

Non-discrimination

The Merced Community College District prohibits discrimination on the basis of race, color, sex, religion, national origin, ethnic group identification, ancestry, age, physical or mental disability, medical condition, military service, sexual orientation, marital status, pregnancy, or any other basis prohibited by law.

The District operates in compliance with all applicable laws, regulations, and requirements related to its status as a public educational entity and the receipt of Federal and/or State funds, including but not limited to Title VI of the Civil Rights Act of 1964 and its amendments, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990, the Age Discrimination Act of 1975, the Age Discrimination in Employment Act, and the California Fair Employment and Housing Act. In so doing, the District is committed to providing equal opportunities for all individuals in employment and in all programs and activities which it conducts. Therefore, no enrolled student or District employee or applicants for enrollment or employment with the District; or others who might receive the benefits of college activities, programs, and services shall be excluded from participation in, denied benefits of, or be subject to discrimination in any process, position, program, service, or activity, on any basis prohibited by law.

Students who believe they have been subjected to discrimination or harassment may initiate a complaint pursuant to the District’s Board Policy 3430 (Complaints of Unlawful Discrimination), which describes the District’s rules and procedures relating to unlawful discrimination, including instructions on how to initiate a complaint, how an individual’s complaint is processed, and a description of how an individual is notified of the outcome of his or her complaint, including enforcement of corrective action, if necessary.

Individuals who seek information and/or who wish to initiate a complaint for alleged acts of discrimination or harassment are directed to contact the Director of Human Resources at (209) 384-6102. A copy of Board Policy 3430, as well as assistance with initiating a complaint for alleged acts of discrimination or harassment, may also be obtained by contacting the office of the vice president of Administrative Services. The District maintains the confidentiality of all complaints of unlawful discrimination except where disclosure is required by law.

A copy of Board Policy 3430, complaint forms and other materials are available online at www.mccd.edu.

Sexual Harassment

Introduction

Education Code 66281.5(b) requires the adoption of a policy statement setting forth the District's commitment to provide an educational and work environment free from unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct or communications constituting sexual harassment.

Purpose

It is the intent of the Board of Trustees to deem as unacceptable any form of sexual harassment. Such conduct undermines the integrity of the classroom and/or the employment relationship or work/academic environment. Conduct constituting sexual harassment will not be tolerated in the District. It is understood that this policy is not intended to infringe upon Academic Freedom except to the extent provided by law.

Definition

Sexual harassment is defined as unwelcome sexual advances, requests for sexual favors, and other verbal, visual, or physical conduct of a sexual nature, made by someone from or in the work or educational setting under any of the following conditions:

1. Submission to the conduct is explicitly or implicitly made a term or condition of an individual's employment, academic status, or progress;
2. Submission to, or rejection of, the conduct by the individual is used as a basis of employment or academic decisions affecting the individual;
3. The conduct has the purpose or effect of having a negative impact on the individual's work or academic performance, or of creating an intimidating, hostile, or offensive work or educational environment;
4. Submission to, or rejection of, the conduct by the individual is used as the basis for any decision affecting the individual regarding benefits and services, honors, programs, or activities available at or through the educational institution.

This definition encompasses two kinds of sexual harassment:

1. "Quid pro quo" sexual harassment occurs when a person in a position of authority makes educational or employment benefits conditional upon an individual's willingness to engage in or tolerate unwanted sexual conduct.
2. "Hostile environment" sexual harassment occurs when unwelcome conduct based on sex is sufficiently severe or pervasive so as to alter the conditions of an individual's learning or work environment, unreasonably interferes with an individual's academic work performance, or creates an intimidating, hostile, or abusive learning or work environment. The victim must subjectively perceive the environment as hostile, and the harassment must be such that a reasonable person of the same gender would perceive the environment as hostile.

Sexual harassment can consist of virtually any form or combination of verbal, physical, visual or environmental conduct. It need not be explicit, or even specifically directed at the victim. Sexually harassing conduct can occur between people of the same or different genders. The standard for determining whether conduct constitutes sexual harassment is whether a reasonable person of the same gender as the victim would perceive the conduct as harassment based on sex. The determination of whether an environment is hostile is based on the totality of the circumstances, including such factors as the frequency of the conduct, the severity of the conduct, whether the conduct is humiliating or physically threatening, and whether the conduct unreasonably interferes with an individual's learning or work environment.

Environmental Sexual harassment is an academic or work environment that is permeated with sexually-oriented talk, innuendo, insults, or abuse not relevant to the subject matter of the class. A hostile environment...
can arise from an unwarranted focus on sexual topics or sexually suggestive statements in the classroom. An environment may be hostile if unwelcome sexual behavior is directed specifically at an individual or if the individual merely witnesses unlawful harassment in his or her immediate surroundings.

Implementation
This policy assigns ultimate responsibility for implementing the sexual harassment policy to the District Equal Employment Opportunity Officer. He/she shall also be responsible for insuring that other policies and procedures developed related to sexual harassment support this policy.

Retaliation
It is unlawful to retaliate against an employee or student who makes a complaint of sexual harassment, who communicates with or contacts District compliance officer(s) or regulatory agencies, or who is a potential witness or participates in any manner in a sexual harassment investigation, hearing, or proceeding.

Campus Sexual Violence Elimination (SaVE) Act
The Campus Sexual Violence Elimination (SaVE) Act was signed into law in 2013, as part of the Violence Against Women Act (VAWA) Reauthorization. This law mandates increased transparency on campus about incidents of sexual violence, guarantees victims enhanced rights, sets standards for disciplinary proceedings, and requires campus-wide prevention education programs. The Campus SaVE Act amends the Clery Act, which addresses campus sexual assault policies within the Higher Education Act of 1965.

For comprehensive information regarding sexual assault prevention and reporting, as well as campus and community resources, please refer to the Violence Prevention & Advocacy web page at www.mccd.edu/safety, or search “Sexual Assault Help” on the MC website.

Statement of Informed Consent
Research, including assessment and evaluation of the teaching and learning process, will be conducted at Merced College in established or commonly accepted educational settings and will involve normal educational practices.

Information gathered relating to student knowledge, skills, attitudes, and behaviors will be kept anonymous and/or confidential, and participation shall expose students to no or minimal risk of harm. By enrolling and attending Merced College courses, students have volunteered as subjects. They have been fully informed, and have given their consent to participate in education-based research. Students will be fully informed should the research parameters change. The Family Educational Rights and Privacy Act of 1974 (FERPA) is a federal law regulating the privacy of student records and the obligations of the institution, primarily in the areas of release of the records and the access provided to those records. Students are protected under both FERPA law and the Human Subjects Review process.

References:
Merced College Board Policy 5040
Merced College Administrative Procedure 5040, 5045
Education Code Sections 76200, 76222, 76232
Title 5, Section 54600, 54630, 54616
Family - Educational - Rights and Privacy Act (FERPA)
HHS - Office for Human Research Protections

In compliance with the Student-Right-to-Know and Campus Security Act of 1990 (Public Law 101-542), it is the policy of our college district to make available its completion and transfer rates to all current and prospective students. Beginning in Fall 2010, a cohort of all certificate-, degree-, and transfer-seeking first-time, full-time students were tracked over a three-year period. Their completion and transfer rates are listed above. These rates do not represent the success rates of the entire student population at the College nor do they account for student outcomes occurring after this three-year tracking period.

Based upon the cohort defined above, a Completer is a student who attained a certificate or degree or became ‘transfer prepared’ during a three-year period, from Fall 2010 to Spring 2013. Students who have completed 60 transferable units with a GPA of 2.0 or better are considered ‘transfer-prepared’. Students who transferred to another post-secondary institution, prior to attaining a degree, certificate, or becoming ‘transfer-prepared’, during a five-semester period, from Spring 2011 to Spring 2013, are transfer students.

More information about Student Right-To-Know Rates and how they should be interpreted can be found at the California Community Colleges “Student Right-To-Know Information Clearinghouse Website” located at http://srtk.cccco.edu/index.asp

Section 504 of the Rehabilitation Act of 1973
Section 504 is also known as the “Access Law.” It provides program and physical access for students with disabilities. The law states that: “No otherwise qualified individual in the United States...shall, solely by reason of disability, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance.” When providing aid, benefit or service, public entities must provide opportunities for individuals with disabilities to participate that are as effective as the opportunities provided to others.

MCCD 504 Coordinator Phone: (209) 384-6192
Address: Merced College; 3600 M Street; Merced, CA 95348

The procedures for filing a complaint may be obtained from persons listed above.
SECCIÓN 504 DEL ACTO DE REHABILITACIÓN DE 1973

Sección 504 es parte de la Ley Federal de Rehabilitación de 1973. Otras leyes incluyen el Título VI de la Ley de Derechos Civiles de 1964, Título IX de las Enmiendas de Educación de 1972, y la ley Americanos con Discapacidades. Los Estados Unidos proporcionan acceso a programas y ayuda financiera para personas que tienen discapacidades y califican sin embargo a recibir y participar en el colegio en modos diferentes por acomodaciones educacionales. Además, la ley estipula: No se permite la exclusión de cualquier persona quien tiene discapacidades de actividades del colegio solamente por razón de tener discapacidades. La ley prohíbe denegación de beneficios, discriminación y exclusión de participación en cualquier programa o actividad que recibe asistencia financiera del gobierno federal. Además, cuando agencias públicas proporcionan ayuda, beneficios, o servicios, las mismas agencias tienen la responsabilidad legal a proporcionar oportunidades a individuales con discapacidades en temas de participación en actividades que a lo menos son de la misma calidad a las ofrecidas a personas quienes no tienen discapacidades. Para más información, pónganse en contacto:

Coordinador de MCCD, Sección 504
Teléfono: (209) 384-6192

Pasos para someter una reclamación: obtenga una forma de Dr. Lovelace o su secretaria.

TSHOOJ CAI 504 NTAWM TXOJ CAI
REHABILITATION XYOO 1973


Thaum muab kev pab, kev bxhawb lossis kev qhia, tssemfwv cov koomhaum yuav tau muab kev vajhaum sib luag rau cov neeg muaj disabilities kom muaj feemcuam sib npaug zos li lwm tus.

Tus Thawj Txuas Lus ntawm Tshooj Cai MCCD 504 yogXovtooj: (209) 384-6192
Chaw Nyob: Merced College; 3600 M Street; Merced, CA 95348

Nej tuaj muab tau cov bheejtxheem teev kev tsis bxaus siab ntawm cov neeg muaj npe raws li saum nov.

Title IX

The College’s Title IX coordinator is the Human Resources Director and can be reached at (209) 384-6102. Inquires concerning the application of Title IX, which prohibits sex discrimination may be referred to the Title IX coordinator, or to the
Office for Civil Rights,
U.S. Department of Education,
50 Beale Street, Suite 7200
San Francisco, CA 94105-1813
Telephone: (415) 486-5555
Facsimile: (415) 486-5570
Email: OCR.SanFrancisco@ed.gov

El coordinador del Título IX del Colegio es el supervisor de Recursos Humanos y se puede llegar al (209) 384-6102. Las consultas relativas a la aplicación del Título IX, que prohíbe la discriminación sexual, puede ser referido al coordinador del Título IX, o en la
Oficina de Derechos Civiles,
U.S. Departamento de Educación,
50 Beale Street, Suite 7200
San Francisco, CA 94105-1813
Telephone: (415) 486-5555
Facsimile: (415) 486-5570
Email: OCR.SanFrancisco@ed.gov

Tus Ceev lub luag Title IX hauv Tsev Kawn Ntaww yog Human Resources Supervisor, (209) 384-6102. Yog xav paub txog lub luag Title IX, uas bxwv tsis pub cais poj niam los yog txiv neej, hu tuaj tau rau Tus Ceev lub luag Title IX, los yog lub Hoobkas ntawm Pejxeem Cov Cai, U.S. Department of Education,
50 Beale Street, Suite 7200
San Francisco, CA 94105-1813
Telephone: (415) 486-5555
Facsimile: (415) 486-5570
Email: OCR.SanFrancisco@ed.gov
### FALL 2016 FINALS SCHEDULE

#### Table Format

1. **INSTRUCTIONS:**
   1. If the starting time (columns B through F) of your class falls within the stated time interval, refer to column A for the time to give your exam.
   2. All exams must be proctored by a certified instructor.
   3. All final exams take place in their regularly scheduled class rooms.
   4. For any conflicts, you may use Thursday, December 15, 2016 from 01:00p–08:50p, or Friday, December 16, 2016 from 05:00p–08:50p. However, the Vice President of Instruction must be notified to reserve available classrooms.
   5. Saturday classes will have their final exam during normal class meetings on Saturday, December 10, 2016.
   6. Lab finals will be given the previous week during the regular lab period.

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FINAL TIME</strong></td>
<td><strong>EXAM TIME</strong></td>
<td><strong>Monday December 12, 2016</strong></td>
<td><strong>Tuesday December 13, 2016</strong></td>
<td><strong>Wednesday December 14, 2016</strong></td>
<td><strong>Thursday December 15, 2016</strong></td>
</tr>
<tr>
<td>07:00a–08:50a</td>
<td>DAILY</td>
<td>07:00a–07:50a</td>
<td>MTWTh</td>
<td>07:00a–07:50a</td>
<td>Th only</td>
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<tr>
<td>08:00a–09:50a</td>
<td>DAILY</td>
<td>08:55a–09:50a</td>
<td>MWF</td>
<td>08:55a–09:50a</td>
<td>Th only</td>
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<tr>
<td>09:00a–10:50a</td>
<td>DAILY</td>
<td>08:55a–10:50a</td>
<td>MWF</td>
<td>10:55a–11:50a</td>
<td>Th only</td>
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<tr>
<td>10:00a–11:50a</td>
<td>DAILY</td>
<td>11:55a–12:50p</td>
<td>MW</td>
<td>12:55p–01:50p</td>
<td>Th only</td>
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<tr>
<td>01:00p–02:50p</td>
<td>DAILY</td>
<td>02:55p–03:50p</td>
<td>MTWTh</td>
<td>03:55p–04:50p</td>
<td>Th only</td>
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<td>02:00p–03:50p</td>
<td>DAILY</td>
<td>03:55p–04:50p</td>
<td>MTWTh</td>
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<td>03:00p–04:50p</td>
<td>DAILY</td>
<td>04:55p–05:50p</td>
<td>MTW</td>
<td>05:55p–06:50p</td>
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<td>04:00p–05:50p</td>
<td>DAILY</td>
<td>05:55p–06:50p</td>
<td>MWF</td>
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<td>MTW</td>
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<td>06:00p–07:50p</td>
<td>DAILY</td>
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<td>MTW</td>
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<td>07:00p–08:50p</td>
<td>DAILY</td>
<td>08:55p or later</td>
<td>MTW</td>
<td>09:55p or later</td>
<td>Th only</td>
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</tbody>
</table>
This page shows the finals schedule in a spreadsheet format.

**Instructions:**

1. If the starting time (column B) of your class falls within the stated time interval, refer to column D for the time to give your exam.

### Class Meets
- DAILY
- MTWF
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<th>UNITS</th>
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