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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 ............................................................................ 381-6540
Tutorial Center .................................................................................. 384-6329
Veterans’ Resource Center ............................................................. 384-6118
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
*For technical assistance using online resources.
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>The 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>
<td></td>
<td></td>
</tr>
<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. Click on Apply Online and choose your student type.</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. Complete step 2. There will be link with instructions to set up you MC4me Student Portal.</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. Next, select step 4. Call Merced College at (209) 384-6000-select option 8. Call Los Banos at (209) 826-3495 or 301-6411.</td>
<td></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>Payments can be made online through the Merced College student portal at <a href="http://www.mccd.edu/makeapayment">www.mccd.edu/makeapayment</a></td>
<td>Payments may be made in person at the Student Fees office located on the 3rd floor of the Lesher Student Services Center in Merced and/or at the Fees Counter at the Los Banos Campus Building A.</td>
<td>All registered students</td>
</tr>
</tbody>
</table>
CONTINUING STUDENTS

The date you may begin Spring 2017 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 that you have not met, you must file a Prerequisite Challenge Form and supporting documentation at the time of in-person 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) to be eligible for priority registration group assignments 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. 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 who have not completed the Student Success and Support Program (SSSP) steps must register in the open enrollment group following priority registration.

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 page 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.
REGISTRATION GROUP DATES

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. 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 October 12, 2016 | Students who are qualifying Foster Youth or former Foster Youth\(^1\) 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 October 17, 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 October 24, 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 October 31, 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 November 7, 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.) |

\(^1\)For 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.
Enrollment fees are due at the time of registration. Payments can be made online through the Merced College student portal at www.mccd.edu/makeapayment 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 Type</th>
<th>Amount</th>
</tr>
</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.

---

**SPRING 2017 BUSINESS HOURS**

**MERCED COLLEGE STUDENT SERVICES & COUNSELING**

**MERCED CAMPUS AND LOS BANOS CAMPUS**

**Hours are subject to change**

**MERCED COLLEGE STUDENT FEES**

**MERCED CAMPUS AND LOS BANOS CAMPUS**

**Hours are subject to change**

---

**SPRING 2017 EXCEPTIONS:**

**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**
SPRING 2017 CALENDAR and IMPORTANT DATES

JANUARY 2017

NEW YEARS DAY OBSERVED, JAN 2
SPRING 2017 SEMESTER BEGINS, JAN 12
FLEX DAY, JAN 12-13
MLK DAY, JAN 16
SPRING 2017 INSTRUCTION BEGINS, JAN 17

FEBRUARY 2017

CENSUS DAY, FEB 6
COLLEGE OPEN, NO CLASSES, FEB 16
LINCOLN’S DAY, FEB17
NO SATURDAY CLASSES, FEB 18
WASHINGTON’S DAY, FEB 20

MARCH 2017

MID-SESSION BEGINS, OCT 20

APRIL 2017

SPRING BREAK, APRIL 14
NO SATURDAY CLASSES APRIL 15, 22
SPRING BREAK WEEK APRIL 17-21, NO CLASSES

MAY 2017

FINALS, MAY 22-26
END OF SEMESTER, MAY 26
GRADUATION, MAY 26
MEMORIAL DAY, MAY 29

JUNE 2017

SUMMER 2017 SESSION, (6-WEEK) JUNE 5-JULY 13
CENSUS DAY (6-WEEK SESSION), JUNE 12

SPRING 2017 Semester registration begins October 12, 2016
SPRING 2017 SEMESTER INSTRUCTION BEGINS (adds require instructor’s signature for 18 week classes) January 17, 2017
Refund deadline for 18 week classes January 29, 2017
For all other classes, you must drop the day before 10% of the class meetings
Last chance to drop with no entry on transcripts for 18 week classes in person February 3, 2017
For all other classes, you must drop the day before 20% of the class meetings
Pass/No Pass Option deadline February 16, 2017
Adds require instructor’s signature beginning first day of the term
Last chance to drop with a “W” for 18 week classes in person April 28, 2017
For all other classes, you must drop the day before 75% of the class meetings
End of SPRING 2017 Semester May 26, 2017

Calendar dates are subject to revision.
# HOW TO READ THIS SCHEDULE

<table>
<thead>
<tr>
<th>Subject Heading</th>
<th>ACCOUNTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Number And Title</td>
<td>ACTG-31 COMPUTERIZED ACCOUNTING</td>
</tr>
<tr>
<td>Student Units and Class Hours</td>
<td>2 units: 1 hour lecture, 3 hours lab.</td>
</tr>
<tr>
<td>Prerequisites/Corequisites</td>
<td>Prerequisite: ACTG-04A or ACTG-51. Advisories: CPSC-30; ENGL-85.</td>
</tr>
<tr>
<td>Course Description</td>
<td>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.</td>
</tr>
<tr>
<td>Campus Location</td>
<td>MERCED</td>
</tr>
<tr>
<td>Special Instructions</td>
<td>Section 1986 will require field trips.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Section Number</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>1986</td>
<td>MWF</td>
<td>09:00a-09:50a</td>
<td>Wesson O</td>
<td>IAC-124</td>
</tr>
</tbody>
</table>

## 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>
<td></td>
</tr>
<tr>
<td>SU-Student Union</td>
<td></td>
</tr>
<tr>
<td>TCC-Tri-College Center</td>
<td></td>
</tr>
<tr>
<td>THTR-Theatre</td>
<td></td>
</tr>
<tr>
<td>VOC-Vocational</td>
<td></td>
</tr>
</tbody>
</table>

Classes will begin and end at the published times. The number of breaks per class is determined by the table.

<table>
<thead>
<tr>
<th>Session Minutes</th>
<th>Number of 10 minute breaks</th>
</tr>
</thead>
<tbody>
<tr>
<td>50-105</td>
<td>0</td>
</tr>
<tr>
<td>110-165</td>
<td>1</td>
</tr>
<tr>
<td>170-225</td>
<td>2</td>
</tr>
<tr>
<td>230-285</td>
<td>3</td>
</tr>
<tr>
<td>290-345</td>
<td>4</td>
</tr>
<tr>
<td>350-360</td>
<td>5</td>
</tr>
</tbody>
</table>

## SECTION NUMBER SMART CODING

1xxx = Merced day class
2xxx = Online/Hybrid class
4xxx = Los Banos day class
6xxx = Merced evening class (05:00p or later)
70xx = class held in Livingston
71xx = class held in Chowchilla
77xx = class held in Delhi
78xx = class held in Mariposa
79xx = class held in Dos Palos
8xxx = Los Banos evening class (05:00p or later)
9xxx = Class held less than 18 weeks
### 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**  
1804 $  MW  12:00p-01:50p  Stapleton I  AHC-123  
6015 $  Th  05:30p-09:20p  Stapleton I  AHC-123

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

**MERCED**  
1822 $  MW  02:00p-03:50p  Vilhauer C  AHC-123  
8301 $  W  05:30p-09:20p  Vilhauer C  VOC-37

**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**  
6051 $  W  05:30p-09:20p  Kekahuna P  VOC-114  
**LOS BANOS**  
8004 WC  TTh  05:00p-06:50p  Snipes R  LB-A-110

**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**  
1033 $  TTh  12:00p-01:50p  Stapleton I  AHC-123  
6298 $  M  05:30p-09:20p  Stapleton I  AHC-128

**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.

**LOS BANOS**  
8008  Th  07:00p-09:50p  Donovan J  LB-A-105

**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.

**MERCED**  
6002 $  M  07:00p-09:50p  Vilhauer C  AHC-130

### ADMINISTRATIVE OFFICE MANAGEMENT (AOM)

**AOM-30  COMPUTER APPLICATIONS (ALSO: CPSC-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**  
2391 $  ONLINE  Garcia Martinez J  VOC-115  
CONTACT: juan.garcia955@mccd.edu  
2395 $  ONLINE  Robinson D  VOC-115  
CONTACT: robinson.d@mccd.edu

Students must check college mail account by the first day of the semester for important instructions on getting started with this course.

**MERCED**  
1958 $  MW  08:00a-10:15a  Kline S  VOC-115  
1967 $  MW  01:00p-03:15p  Hoover L  VOC-115  
1476 $  TTh  08:00a-10:15a  Ahmadi A  VOC-113  
1957 $  TTh  10:30a-12:45p  Ahmadi A  VOC-113  
1971 $  TTh  01:00p-03:15p  Kline S  VOC-114  
6020 $  TTh  05:30p-07:45p  Kline S  VOC-114  
6007 $  M  05:10p-10:00p  Kekahuna P  VOC-114  
6009 $  T  05:15p-10:00p  Cadden K  VOC-115  
6006 $  W  05:10p-10:00p  Zdanowski M  VOC-115

**LOS BANOS**  
4012 $  TTh  08:00a-10:15a  Moreno M  LB-A-109  
8012 $  MW  07:00p-09:15p  Garcia Martinez J  LB-A-109

**DELHI**  
7720  TTh  06:30p-08:45p  Abbott D  DELH-MC7  
Section 7720 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**  
1323 $  MW  08:00a-10:15a  Pirtle T  VOC-114  
1588 $  TTh  08:00a-10:15a  Pirtle T  VOC-115  
6056 $  TTh  05:30p-07:45p  Carroll C  AHC-139

**AOM-51  KEYBOARDING/WORD PROCESSING**  
3 units: 2 hours lecture, 3 hours lab.  
Prerequisite: AOM-50B (keyboard at a minimum of 20 WPM). Advisories: GWAM; READ-81; ENGL-84; MATH-80.  
This course provides instruction and review of computerized keyboarding techniques and (2) fundamental knowledge of word processing software

**ONLINE/HYBRID**  
2344  M  05:30p-07:20p  Carvalho S  VOC-115  
CONTACT: carvalho.s@mccd.edu  
IN-CLASS SESSIONS: Lecture; Mondays; 05:30p-07:20p; VOC-115.  
COMMENTS: Lab hours to be held online.

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**LC**-Learning Community class. See page 55 for details.  
**SI**-Supplemental Instruction class. See page 81 for details.  
**$**-Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.  
**WC**-Web Component which will require you to have internet access.
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
1008 $ MW 11:00a-12:15p Kline S 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
1919 WC MWF 11:00a-11:50a Maddux M AG-11

AGRICULTURE BUSINESS (AGBS)

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
1990 WC MWF 10:00a-10:50a Donaher K AG-11

AGBS-12 AGRICULTURAL ACCOUNTING 
(C-ID AG - AB 128) 
3 units: 3 hours lecture. 
Advisories: ENGL-85; MATH-81. 
This course will focus on the principles of agricultural accounting systems, 
types of records, their use, and how to compute and use measures of 
earnings and costs of production to improve agribusiness efficiency.

MERCED
1002 WC MWF 12:00p-12:50p Donaher K AG-11

AGBS-17 AGRICULTURAL SALES AND COMMUNICATION 
3 units: 3 hours lecture. 
Advisory: ENGL-85; MATH-80. 
This course involves the study of principles and practices of the selling 
process: selling strategies and approaches, why and how people buy, 
prospecting, territory management, and customer service.

MERCED
1082 WC MWF 09:00a-09:50a 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. Computer applications including word-processing, 
spreadsheets, databases, and presentation managers will be covered.

MERCED
1004 WC TTh 10:30a-12:45p Donaher K VOC-115
1579 WC TTh 01:00p-03:15p Donaher K VOC-115
AGBS-30B  AGRICULTURE LEADERSHIP - PERSONAL DEVELOPMENT
2 units: 2 hours lecture. 
Advisory: ENGL-84; READ-81. 
This course focuses on the knowledge, skills and attitudes that enhance personal effectiveness and professional success. Students will gain self-awareness and study leadership traits.

MERCED
1021 WC M 03:15p-05:05p Donaher K AG-11

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. Meets California Department of Public Health requirements for eligibility to take the Nursing Assistant Certification examination. 
ALLH-60 requires a mandatory orientation. Go to http://www.mccd.edu/alliedhealth/nurse-assistant for more information.

MERCED
6150 Th 05:30p-08:20p Reid E AHC-130 & F 07:30a-03:25p Reid E HOSP 
Section 6150 is held at Merced Nursing & Rehab; 510 W. 26th St.; Merced or LaSierra Care Center; 2424 M St; Merced and includes a 30 minute lunch break. 
6151 Th 05:30p-08:20p Reid E AHC-130 & F 07:30a-03:25p Dickens A HOSP 
Section 6151 is held at Merced Nursing & Rehab; 510 W. 26th St.; Merced or LaSierra Care Center; 2424 M St; Merced and includes a 30 minute lunch break. 

LOS BANOS
4036 T 05:00p-07:50p Lima B LB-B-138 & S 06:30a-02:25p Lima B LB-B-138 
Section 4036 Lab includes a 1/2 hour lunch. 
Section 4036 Lab will meet from 01/17/17 to 02/04/17 in LB-B-134. Beginning 02/05/17 this section will meet at the New Bethany Skilled Nursing Facility; 1441 Berkeley Dr.; Los Banos. 
Section 4036 Lab does not meet on the following dates 02/18/17, 04/15/17, 04/22/17.

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
2376 T 05:30p-06:45p Provenzio G COM-2 
ORIENTATION: January 17, 2017; 05:30p-06:45p; COM-2. 
IN-CLASS SESSIONS: February 7, 21; March 21; April 11; May 9, 23; 05:30p-06:45p; AHC-130.

MERCED
1714 WC M 02:00p-04:50p Provenzio G AHC-130 
1715 F 08:00a-10:50a Alvarez C AHC-124 
6152 W 07:00p-09:50p Barber R AHC-124 

LOS BANOS
8038 T 07:00p-09:50p Fragasso G LB-B-135

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
1970 MW 03:30p-04:45p Young Pfeiffer S IAC-108 
1802 TTh 03:30p-04:45p Young Pfeiffer S IAC-108 

LOS BANOS
8041 WC Th 07:00p-09:50p Young Pfeiffer S LB-B-134

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.

MERCED
1038 WC MWF 09:00a-09:50a Maddux M AG-10

ANSC-12  LIVESTOCK BREEDING AND SELECTION 
3 units: 3 hours lecture. 
Advisory: ENGL-85. 
This course combines the study of basic genetic principles with the study of the anatomical and physiological aspects of reproduction as they relate to animal species significant to agriculture.

MERCED
1342 WC MWF 10:00a-10:50a Maddux M AG-10

ANSC-19  SWINE PRODUCTION 
3 units: 2 hours lecture, 3 hours lab. 
Advisory: ENGL-85. 
This is a study of the principles and practices of purebred and commercial pork production throughout California, the United States, and the world.

MERCED
1092 WC TTh 12:00p-12:50p Maddux M AG-11 & T 01:00p-03:50p Maddux M AG-11

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
1029 WC Th 01:00p-03:15p Maddux M AG-11

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
1051 MWF 11:00a-11:50a Buechler J IAC-110 & M 02:00p-04:50p Buechler J IAC-110 
1053 MWF 12:00p-12:50p Buechler J IAC-110 & W 02:00p-04:50p Buechler J IAC-110 
6535 T 07:00p-09:50p Buechler J IAC-110 & Th 07:00p-09:50p Buechler J IAC-110

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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  
1056  TTh  09:30a-10:45a  Gaugler C  IAC-110  
6005  W  07:00p-09:50p  Arguelles M  IAC-110  
LOS BANOS  
8064  T  07:00p-09:50p  Gaugler C  LB-B-137  

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  
6026  W  07:00p-09:50p  Vangay J  ART-1  

ARCHAEOLOGY (ARCH)  
ARCH-01  INTRODUCTION TO ARCHAEOLOGY  
(C-ID ANTH 150) (CSU breadth area B1) (IGETC area 5A)  
3 units: 3 hours lecture.  
Advisories: ENGL-01A.  
This class examines the historical, theoretical and methodological development of Archaeology and the role that scientific inquiry plays in understanding the past.  
MERCED  
6025  M  07:00p-09:50p  Arguelles M  IAC-110  

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  
1959  MW  02:00p-03:15p  Salmon L  ART-1  
1723  TTh  03:30p-04:45p  Benhissen L  ART-1  

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  
1017  MW  11:00a-12:15p  Disch S  ART-1  
6027  T  07:00p-09:50p  Serpa B  ART-1  
LOS BANOS  
4088 WC F  09:00a-11:50a  Donovan M  LB-B-107  

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  
1907  TTh  11:00a-12:15p  Barnett C  ART-1  
LOS BANOS  
8092  T  05:30p-08:20p  Cooper T  LB-A-103  

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. Projects explore the elements and principles of 3-D design and the conceptual styles of realism to abstraction, both in the round and as bas-relief.  
ART-12A requires a $40 material fee.  
MERCED  
1058  MW  01:00p-03:15p  Barnett C  ART-4  
6550  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  
1059  MW  01:00p-03:15p  Barnett C  ART-4  
6551  W  05:10p-10:00p  Barnett C  ART-4  

ART-15  DESIGN: 2-D FOUNDATIONS  
(C-ID ARTS 100)  
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. Lectures and studio projects explore and analyze concepts related to the elements and principles of current and historical design theories.  
MERCED  
1941  TTh  01:00p-03:15p  Barnett C  ART-4  

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 est.min.(2) 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  
1063  TTh  01:00p-03:15p  French S  ART-5  
6032  T  05:10p-10:00p  French S  ART-5  
LOS BANOS  
8098  MW  05:30p-07:45p  Caredio S  PACHS  

Section 8098 is located at Pacheco High School; Room K-1; 200 Ward Rd., Los Banos.
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 est.min.(2) 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
1325 MW 01:00p-03:15p French S ART-5
6036 T 05:10p-10:00p French S ART-5

LOS BANOS
8100 MW 05:30p-07:45p Careedio S PACHS

ART-20A INTRODUCTION TO PRINTMAKING
3 units: 2 hours lecture, 3 hours lab.
Advisory: ART-24A; ENGL-85.
This course is an introduction to the basic materials, equipment and fundamental printmaking processes including relief (linocut and woodcut), intaglio (drypoint, etching and collagraph) and stencil (screenprint) methods.

MERCED
6044 M 05:10p-10:00p Salmon L ART-7
ART-20A requires $30 material fee.

ART-20B INTERMEDIATE PRINTMAKING
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: ART-20A. Advisory: ENGL-85.
This course deals with color printmaking techniques, as well as black and white, with an emphasis on intaglio processes and the lithographic technique in which images are printed from limestone slabs.

MERCED
6045 M 05:10p-10:00p Salmon L ART-7
ART-20B requires $30 material fee.

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 medium. Students will focus on exploration of painting materials, perceptual skills and color theory, paint mixing and technique, as well as creative responses to materials and subject matter.

MERCED
1039 MW 10:30a-12:45p Benhissen L ART-6
6291 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
1040 MW 10:30a-12:45p Benhissen L ART-6
6292 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. Students will explore foundation-level concepts while surveying materials used in drawing as an art form, as well as the history of their development.

MERCED
1731 MW 08:00a-10:15a Disch S ART-6
1066 MW 01:00p-03:15p Serpa B ART-6
1904 TTh 01:00p-03:15p Benhissen L ART-6
1858 Sat 09:00a-01:50p Whatley L ART-6
6048 TTh 05:00p-07:15p Kirksey R ART-6

LOS BANOS
4104 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
1860 Sat 09:00a-01:50p Whatley L ART-6
1732 MW 08:00a-10:15a Disch S ART-6
1295 MW 01:00p-03:15p Serpa B ART-6
1296 TTh 01:00p-03:15p Benhissen L ART-6
6050 TTh 05:00p-07:15p Kirksey R ART-6

LOS BANOS
4106 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
6062 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
6064 W 05:10p-10:00p Benhissen L ART-6

DIGITAL ART (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 or point and shoot digital camera and pay a $40 materials fee.

MERCED
1430 MW 10:30a-12:45p Perlin A ART-8
1917 TTh 01:00p-03:15p 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.

**MERCED**

1861 TTh 01:00p-03:15p Perlin A ART-8
ARTD-40B requires that students provide their own DSLR or point and shoot digital camera and pay a $40 materials fee.

**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.

**MERCED**

6020 T 05:10p-10:00p Perlin A ART-8
ARTD-41A requires that students provide their own DSLR or point and shoot digital camera and pay a $40 materials fee.

**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.

**MERCED**

6023 T 05:10p-10:00p Perlin A ART-8
ARTD-41B requires that students provide their own DSLR or point and shoot digital camera and pay a $40 materials fee.

**ARTD-42B INTERMEDIATE MOTION GRAPHICS**

[CILC area A,B,D,G]
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: ARTD-42A. Advisories: AOM-50A; ENGL-85.

This studio course involves more in-depth innovative concepts in intermediate-level visual effects on a timeline.

**MERCED**

1985 MW 01:00p-03:15p Perlin A ART-8
ARTD-42B requires that students provide their own DSLR or point and shoot digital camera.

**ARTD-45A MULTIMEDIA I: INTRODUCTION TO WEB DESIGN AND ANIMATION**

3 units: 2 hours lecture, 3 hours lab.
Advisories: AOM-50A; ART-24A; ENGL-85.

This studio course imparts a thorough foundation in creative Adobe Flash digital media production for the web. Indispensable basic typographic, color, illustration, animation, inter-activity, layout, and sound design concepts feature strongly in the class.

**MERCED**

1654 MW 01:00p-03:15p Perlin A ART-8
ARTD-45A requires that students provide their own DSLR or point and shoot digital camera.

**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**

6424 M 07:00p-09:50p Pourtavirdi Z SCI-110
6094 $ Th 07:00p-09:50p Davies R SCI-110

**ASTR-01L INTRODUCTORY 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.

**MERCED**

1255 T 11:00a-01:50p Davies R SCI-105

Section 1255 requires two evening observations (times TBD with instructor) in lieu of regularly scheduled class. Section 1255 requires a field trip to the Modesto Planetarium in personal vehicles; entrance is at no cost to the student.

6013 W 07:00p-09:50p Pourtavirdi Z SCI-105

**ATHLETICS (ATHL)**

**ATHL-01A INTERCOLLEGIATE BASEBALL**

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 competitive baseball. This course may be repeated three times.

**MERCED**

1936 MTWTh 02:00p-04:05p Pedretti C BBF & F 02:00p-02:50p Pedretti C BBF

**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**

Women's Basketball,
9601 DAILY 12:00p-01:50p Huddleston A GYM-1
Section 9601 is held from 01/17/17 to 03/17/17.

Men's Basketball,
9600 MTWTh 02:00p-04:25p Russell W GYM-1
Section 9600 is held from 01/17/17 to 03/17/17.

**ATHL-01G INTERCOLLEGIATE SWIMMING**

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 competitive sport. This course may be repeated three times.

**MERCED**

Men's Swimming
1606 DAILY 01:00p-02:50p McCall S POOL

Women's Swimming
1803 DAILY 04:00p-05:50p Staff POOL

**ATHL-01I INTERCOLLEGIATE TRACK AND FIELD**

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 designated competitive sport. This course may be repeated three times.

**MERCED**

Track and Field
1609 DAILY 03:00p-04:50p Foy L STAD
ATHL-01K INTERCOLLEGIATE SOFTBALL
3 units: 180 hours lab TBA.
Limitation on enrollment: This is a varsity team sport requiring coach's or academic athletic adviser's approval. Advisory: KINE-13.
This course teaches theory, practice and game performance of the competitive softball. This course may be repeated three times.
MERCED
1610 DAILY 02:00p-03:50p McGhee S SBF

ATHL-02D OFF-SEASON CONDITIONING FOR FOOTBALL
(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 adviser'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 football.
MERCED
1711 MW 03:30p-04:45p Casey R FHA

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.
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.
MERCED
1615 DAILY 12:00p-12:50p McCall S POOL
1667 MWF 12:00p-01:50p Devine N FHA
1918 MTWTh 08:30a-07:45a Staff POOL
1612 MTWTh 02:00p-03:15p Casey R FHA
Section 1612 is a Learning Community with ENGL-01A-1526.
1613 MTWTh 04:00p-05:15p Casey J GYM-1
1799 MTWTh 04:00p-05:15p McGhee S FHA
1611 MTWTh 04:15p-05:30p Pedretti C FHA
6113 MTWTh 05:30p-06:45p Foy L FHA
9168 DAILY 09:00a-01:10p Huddleston A FHA
Section 9168 is held from 12/26/16 to 01/13/17.
9317 DAILY 02:00p-07:10p Russell W FHA
Section 9317 is held from 12/26/17 to 01/13/17.
9118 DAILY 03:00p-08:10p Devine N FHA
Section 9118 is held from 12/26/16 to 01/13/17.

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.
MERCED
9127 MWF 12:00p-01:50p Huddleston A GYM-1
Section 9127 is held from 03/20/17 to 05/26/17.
9184 MTWTh 02:00p-03:50p Russell W GYM-1
Section 9184 is held from 03/20/17 to 05/26/17.

ATHL-36B THEORY AND ANALYSIS OF BASKETBALL
1 unit: 1 hour lecture.
This course presents the fundamental knowledge of basketball through techniques of lecture, discussions, and video analysis.
MERCED
9133 TTh 05:30p-08:20p Russell W GYM-1
Section 9133 is held from 01/17/17 to 03/17/17.

MERCED COLLEGE
209.384.6000

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. It is a study of fundamental theory and operation of the components that make up the major automotive systems with the purpose of giving the student general knowledge of the automobile.
MERCED
6046 WC MW 05:30p-06:45p Staff IT-4A
6126 WC Th 05:30p-08:20p Staff AG-10

AUTO-36 AUTOMOTIVE MANUAL TRANSMISSIONS AND DRIVE TRAINS
4 units: 3 hours lecture, 3 hours lab.
Advisories: AUTO-04; ENGL-85; MATH-80, MATH-85.
This course is designed for the student without any prior experience in standard transmissions or drive axles.
MERCED
9403 WC MTWTh 09:00a-10:15a Weepers M IT-4B
Section 9403 is held from 03/20/17 to 05/25/17.
Section 9403 requires a $10 Lab Manual.
9404 WC MTWTh 01:00p-02:50p Weepers M IT-4B
& MTWTh 02:51p-04:05p Weepers M IT-4B
Section 9404 is held from 01/17/17 to 03/16/17.
Section 9404 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.
MERCED
9186 WC MTWTh 08:00a-09:00a Gregory A IT-4A
& MTWTh 09:01a-12:10p Gregory A IT-4A
Section 9186 is held from 01/17/17 to 03/16/17.
Section 9186 requires a $10 Lab Manual.
Section 9186 is a Learning Community course which requires registration in: AUTO-36-9404, AUTO-41-9186, AUTO-43-9405, and AUTO-46-9401.
Section 9186 requires a $10 Lab Manual.

AUTO-43 AUTOMOTIVE FUEL SYSTEMS
4 units: 3 hours lecture, 3 hours lab.
One-way corequisite: AUTO-04, AUTO-63. Advisories: AUTO-42; ENGL-85; MATH-80 or MATH-85.
This course covers the testing and service of automotive fuel systems, including fuel injection systems, electronic engine controls, and emission controls.
MERCED
9405 WC MTWTh 09:00a-10:15a Gregory A IT-4A
& MTWTh 10:16a-11:50a Gregory A IT-4A
Section 9405 is held from 03/20/17 to 05/25/17.
Section 9405 requires a $10 Lab Manual.
Section 9405 is a Learning Community course which requires registration in: AUTO-36-9404, AUTO-41-9186, AUTO-43-9405, and AUTO-46-9401.
9406 WC MTWTh 01:00p-02:15p Gregory A IT-4A
& MTWTh 02:16p-03:50p Gregory A IT-4A
Section 9406 is held from 03/20/17 to 05/25/17.
Section 9406 requires a $10 Lab Manual.

SI- Supplemental Instruction class. See page 81 for details.
WC- Web Component which will require you to have internet access.
AUTO-46  AUTOMATIC TRANSMISSIONS  
4 units: 2 hours lecture, 6 hours lab. 
Advisories: AUTO-04, AUTO-63, ENGL-85, MATH-80, MATH-85. 
This course will cover domestic and import automatic transmissions and transaxles. Rebuilding will include diagnosis, inspection, repair, and testing. Theory will cover power flow, apply devices, hydraulics, torque converters, and computer controls. 

MERCED 
9401 WC MTWTh 12:45p-01:45p Weepers M IT-4B 
& MTWTh 01:46p-04:35p Weepers M IT-4B 
Section 9401 is held from 03/20/17 to 05/25/17. 
Section 9401 requires a $10 Lab Manual. 
LC 
This is a Learning Community course which requires registration in: AUTO-36-9404, AUTO-41-9186, AUTO-43-9405, and AUTO-46-9401. 
9402 WC MTWTh 05:00p-06:00p Weepers M IT-4B 
& MTWTh 06:01p-09:10p Weepers M IT-4B 
Section 9402 is held from 01/17/17 to 03/16/17. 
Section 9402 requires a $10 Lab Manual. 

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 
6134 WC MW 05:30p-08:20p Hiser R PS-2 

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 
6018 WC TTh 05:30p-09:20p Hiser R PS-2 

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 
6566 WC TTh 07:00p-09:50p Maxwell G IT-4A 

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 
6253 WC T 05:30p-09:20p Woodall D AG-10 

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. 

ONLINE/HYBRID 

2347 $ 
ONLINE 
Estrella C (lec) 
& M 11:00a-01:50p Estrella C (lab) 
CONTACT: estrella.c@mccd.edu 
IN-CLASS SESSIONS: Lab; Mondays; 11:00a-01:50p; SCI-112. 
COMMENTS: 3 Lecture hours per week will be held online. 

2355 $ 
ONLINE 
Estrella C (lec) 
& W 11:00a-01:50p Estrella C (lab) 
CONTACT: estrella.c@mccd.edu 
IN-CLASS SESSIONS: Lab; Wednesdays; 11:00a-01:50p; SCI-112. 
COMMENTS: 3 Lecture hours per week will be held online. 

MERCED 
1552 MWF 10:00a-10:50a Touma C SCI-205 
& F 11:00a-01:50p Albano V SCI-112 
1553 MWF 11:00a-11:50a Crombie K SCI-111 
& M 08:00a-10:50a Ratley S SCI-112 
1556 MWF 11:00a-11:50a Crombie K SCI-111 
& W 08:00a-10:50a Padron Livermore SCI-112 
1558 MWF 11:00a-11:50a Crombie K SCI-111 
& F 08:00a-10:50a Modafferi E SCI-112 
1559 MW 12:00p-01:15p Schneider B SCI-111 
& M 02:00p-04:50p Schneider B SCI-112 
1564 MW 12:00p-01:15p Schneider B SCI-111 
& W 02:00p-04:50p Schneider B SCI-112 
1568 SI TTh 09:30a-10:45a Modafferi E SCI-111 
& T 11:00a-01:50p Staff SCI-112 
1569 SI TTh 09:30a-10:45a Modafferi E SCI-111 
& Th 11:00a-01:50p Crombie K SCI-112 
1570 TTh 11:00a-12:15p White S SCI-111 
& T 08:00a-10:50a White S SCI-112 
1571 TTh 11:00a-12:15p White S SCI-111 
& Th 08:00a-10:50a White S SCI-112 
1572 TTh 12:30p-01:45p White S SCI-111 
& T 02:00p-04:50p Touma C SCI-112 
1574 TTh 12:30p-01:45p White S SCI-111 
& Th 02:00p-04:50p Keller S SCI-112 
1460 Sat 09:00a-11:50a Staff SCI-111 
& S 01:00p-03:50p Staff SCI-112 
6096 MW 05:30p-06:45p Staff SCI-111 
& M 07:00p-09:50p Staff SCI-112 
6098 MW 05:30p-06:45p Staff SCI-111 
& W 07:00p-09:50p Staff SCI-112 
6131 TTh 05:30p-06:45p Goodfellow K SCI-111 
& T 07:00p-09:50p Goodfellow K SCI-112 
6132 TTh 05:30p-06:45p Goodfellow K SCI-111 
& Th 07:00p-09:50p Goodfellow K SCI-112 

LOS BANOS 
4132 WC TTh 12:30p-01:45p Schroeder K LB-A-103 
& T 09:00a-11:50a Schroeder K LB-B-102 
4134 WC TTh 12:30p-01:45p Schroeder K LB-A-103 
& Th 02:00p-04:50p Schroeder K LB-B-102 

LC - Learning Community class. See page 55 for details. 
$ - Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor. 
WC - Web Component which will require you to have internet access. 
SI - Supplemental Instruction class. See page 81 for details. 
• CLASSES • 15
**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: English 85.  
This course is an introduction to the principles of biology with an emphasis on humans.  

**MERCED**  
1974 MWF 11:00a-11:50a Macias M VOC-140  
& M 08:00a-10:50a Igo M SCI-113  
1975 MWF 11:00a-11:50a Macias M VOC-140  
& W 08:00a-10:50a Macias M SCI-113  
1976 MWF 11:00a-11:50a Macias M VOC-140  
& F 08:00a-10:50a Padron Livermore SCI-113  
1541 MW 03:30p-04:45p Staff SCI-110  
& M 11:00a-01:50p Staff SCI-113  
1542 MW 03:30p-04:45p Staff SCI-110  
& W 11:00a-01:50p Staff SCI-113  
1543 MW 03:30p-04:45p Staff SCI-110  
& F 02:00p-04:50p Staff SCI-113  
1881 TTh 12:30p-01:45p Coburn C VOC-140  
& F 11:00a-01:50p Coburn C SCI-113  
1981 TTh 12:30p-01:45p Coburn C VOC-140  
& T 02:00p-04:50p Coburn C SCI-113  
1982 TTh 12:30p-01:45p Coburn C VOC-140  
& T 02:00p-04:50p Coburn C SCI-113  
1408 Sat 09:00a-11:50a Veerabhadrappa Surugihalli C SCI-205  
& Sat 01:00p-03:50p Veerabhadrappa Surugihalli C SCI-113  
6438 TTh 05:30p-06:45p Bergman R SCI-208  
& F 07:00p-09:50p Bergman R SCI-113  
6439 TTh 05:30p-06:45p Bergman R SCI-208  
& T 07:00p-09:50p Bergman R SCI-113  

**Los Banos**  
8138 WC MW 05:30p-06:45p Schroeder K LB-A-103  
& M 02:00p-04:50p Schroeder K LB-B-102  
8140 WC MW 05:30p-06:45p Schroeder K LB-A-103  
& W 07:00p-09:50p Schroeder K LB-B-102  

**Biol-04A Fundamentals of Biology: The Cell and Evolution**  
(C-ID BIOL-190) (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; English 85.  
This course is a study of the principles of biology.  

**MERCED**  
1104 $ TTh 09:30a-10:45a Igo M SCI-110  
& F 02:00p-04:50p Igo M SCI-115  
1106 $ TTh 09:30a-10:45a Igo M SCI-110  
& F 02:00p-04:50p Igo M SCI-115  

**Biol-04B Diversity of Life: Morphology and Physiology**  
(C-ID BIOL 140) (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**  
1111 WC MWF 09:00a-09:50a Albano V SCI-205  
& TTh 08:00a-10:50a Albano V SCI-113  

**Biol-06 Environmental Science**  
(CSU breadth area B2) (IGETC area 5B)  
3 units: 3 hours lecture.  
Advisory: English 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**  
2390 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.  

**MERCED**  
1180 TTh 12:30p-01:45p Staff SCI-202  

**Delhi**  
7730 M 06:00p-08:50p Menke B DELH-K1  
Section 7730 is held at Delhi High School; Building K, Room 1, 16881 West Schendel Avenue, Delhi.  

**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; English 85.  
This course is an intensive study of the structure of the human body. Consideration is given to the skeletal, muscular, circulatory, respiratory, digestive, excretory, reproductive, and nervous systems.  

**MERCED**  
1546 FS 02:00p-02:50p Staff SCI-207  
& FS 11:00a-01:50p Staff SCI-116  
1458 TTh 08:00a-08:50a Touma C SCI-205  
& TTh 11:00a-01:50p Touma C SCI-116  
1231 $ TTh 12:00p-12:50p Estrella C SCI-112  
& TTh 08:00a-08:50a Estrella C SCI-116  
1043 TTh 01:00p-01:50p Keller S SCI-110  
& MW 08:00a-08:50a Keller S SCI-110  
1044 TTh 01:00p-01:50p Keller S SCI-110  
& MW 11:00a-11:50p Keller S SCI-116  
6286 F 05:30p-06:20p Staff (lec) SCI-207  
& F 06:30p-09:20p Staff (lab) SCI-207  
& Sat 01:00p-01:50p Staff (lab) SCI-207  
& Sat 02:00p-04:50p 04:50p Staff (lab) SCI-116  
6033 MW 05:30p-06:20p Crombie K SCI-204  
& MW 02:00p-04:50p Crombie K SCI-116  
6440 MW 05:30p-06:20p Crombie K SCI-204  
& MW 06:30p-09:20p Crombie K SCI-116  
6021 TTh 05:30p-06:20p Staff SCI-204  
& TTh 02:00p-04:50p Staff SCI-116  
6022 TTh 05:30p-06:20p Staff SCI-204  
& TTh 06:30p-09:20p Staff SCI-116  

**Los Banos**  
4144 WC TTh 01:00p-01:50p Latham E LB-B-106  
& TTh 09:00a-11:50a Latham E LB-B-104  
4146 WC TTh 01:00p-01:50p Latham E LB-B-106  
& TTh 02:00p-04:50p Latham E LB-B-104  

LC-Learning Community class. See page 55 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 81 for details.  
WC-Web Component which will require you to have internet access.
BIOI-18 PRINCIPLES OF PHYSIOLOGY
(C-ID BIOL 120B) (CSU breadth area B2/B3) (IGETC area 5B/5C)
4 units: 3 hours lecture, 3 hours lab.
Prerequisite: 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.

MERCED
1360 MWF 08:00a-08:50a Coburn C SCI-111
1362 MWF 08:00a-08:50a Coburn C SCI-111
1693 $ MW 12:00p-12:50p Igo M SCI-202
1694 $ MW 12:00p-12:50p Igo M SCI-202
6353 $ MW 05:30p-06:45p Conte D SCI-208
6422 $ MW 05:30p-06:45p Conte D SCI-208
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. The course is designed for students in any of the allied health professions.

MERCED
1377 MW 11:00a-11:50a Modafferi E SCI-114
1108 TTh 12:00p-12:50p Macias M SCI-110
1109 TTh 12:00p-12:50p Macias M SCI-110
6101 $ MW 05:30p-06:20p Vierra S SCI-202
6441 $ MW 05:30p-06:20p Vierra S SCI-202
BIOL-33 BIOTECHNOLOGY II: ADVANCED LABORATORY TECHNIQUES AND THEORY
4 units: 2 hours lecture, 6 hours lab.
Prerequisite: BIOL-09, BIOL-32. Advisories: BIOL-20; ENGL-85; MATH-81.
An advanced course on techniques in biotechnology. This course is designed to build upon the skills developed in Biology 31. The course will cover PCR, restriction enzyme digest, subcloning, gene expression, genomic library construction, primary cell culture, mammalian cell expression systems, Southern and Western blotting, and protein quantization. Field trips may be required.

MERCED
1272 WC MW 10:00a-10:50a Albano V VOC-11
1272 WC MW 11:00a-01:50p Albano V SCI-115
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
1048 MWF 01:00p-01:50p Touma C SCI-208
1049 TTh 08:00a-09:15a Keller S SCI-111
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
2307 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 semester to avoid being dropped.
ORIENTATION: Required for first-time online students enrolled in this class. Wednesday, January 18, 2017; 12:30p-1:30p; COM-02. Orientation not required for students already familiar with Blackboard and Connect.

MERCED
1118 MW 09:30a-10:45a Pistorosi J VOC-37
1568 $ TTh 11:00a-12:15p Haugen A VOC-37
1317 $ TTh 02:00p-03:15p Staff VOC-37
6226 $ T 05:30p-08:20p Skunca J VOC-37
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.

MERCED
1327 $ MW 02:00p-03:50p Staff VOC-37
1114 $ TTh 10:00a-11:50a Staff AHC-128
6103 $ M 05:30p-09:20p Staff VOC-37
LOS BANOS
8176 WC MW 07:00p-08:50p Staff LB-B-107
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.

ONLINE/HYBRID
2301 M 11:00a-12:15p Haugen A VOC-37
CONTACT: haugen.a@mccd.edu IN-CLASS SESSIONS: Lecture: Mondays 11:00a-12:15p; VOC-37.
COMMENTS: Remaining hours to be held online.

MERCED
2361 W 11:00a-12:15p Haugen A VOC-37
CONTACT: haugen.a@mccd.edu IN-CLASS SESSIONS: Lecture: Wednesdays 11:00a-12:15p; VOC-37.
COMMENTS: Remaining hours to be held online.

MERCED
6106 $ Th 05:30p-08:20p Verrinder J VOC-38

LC - Learning Community class. See page 55 for details.
$ - Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.
WC - Web Component which will require you to have internet access.
CHEMISTRY I (CHEM)

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.

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CHEM-04B GENERAL CHEMISTRY II
(CSU breadth area 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.

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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. Addition, substitution, elimination, and rearrangement reactions are examined.

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CHEM-12B ORGANIC CHEMISTRY II
(C-ID CHEM 160S)
5 units: 3 hours lecture, 6 hours lab.
Prerequisite: CHEM-12A; Advisory: ENGL-85.
This course is a continuation of CHEM-12A expanding the study of organic chemistry to include aromatic hydrocarbons, alcohols, ethers, thiols, sulfides, aldehydes, ketones, carboxylic acid and derivatives, amines and an introduction to the biochemistry of carbohydrates, proteins, and lipids.

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COMMENTS: 3 Lecture hours per week will be held online.

CHEM-02A 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; Advisory: ENGL-85; LRNR-30.
This is a continuation of CHEM-02A with emphasis on organic and biochemistry.

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COMMENTS: 3 Lecture hours per week will be held online.
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
2315 ONLINE Roduner S
CONTACT: For course-specific questions contact roduner.s@mccd.edu.

MERCED
1060 WC MW 09:30a-10:45a Roduner S VOC-138
1657 WC TTh 09:30a-10:45a Patton M VOC-139
6135 WC Th 05:30p-08:20p Soria L VOC-138

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
2321 ONLINE Roduner S
CONTACT: For course-specific questions contact roduner.s@mccd.edu.

MERCED
1057 WC MW 02:00p-03:15p Roduner S VOC-138
1913 WC TTh 09:30a-10:45a Soria L VOC-138

LOS BANOS
8226 WC T 05:30p-08:20p Oks O LB-B-101

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
2367 ONLINE Marquez-Ramirez M
CONTACT: For course-specific questions contact Martina.marquez@mccd.edu.

MERCED
6193 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.

CLDV-04 students must provide immunization documentation as required by California State law to work or volunteer in a child care facility.

MERCED
1177 WC T 12:30p-03:15p Brace K CDCM-16
Section 1177 will also meet for 3 hours of lab time by arrangement.
6208 WC Th 05:30p-07:20p Cruthird A CDCM-16
Section 6208 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
2317 ONLINE Penney B
CONTACT: For course-specific questions contact penney.b@mccd.edu.

MERCED
1337 WC TTh 02:00p-03:15p Soria L VOC-138

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
2343 ONLINE Soria L
CONTACT: For course-specific questions contact libby.soria@mccd.edu.

MERCED
1087 WC TTh 11:00a-12:15p Roduner S VOC-139

LOS BANOS
8234 WC Th 05:30p-08:20p Staff LB-B-101

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
1101 WC W 09:00a-11:50a Heft A CDCM-16
1669 WC Th 12:30p-03:15p Brace K 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-04, 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.
CLDV-07L students must provide immunization documentation as required by California State law to work or volunteer in a child care facility.

MERCED
1676 WC TTh 09:00a-12:20p Brace K CDCM-16
6003 WC Th 05:30p-08:50p Heft A CDCM-16
Section 6003 meets on January 26, February 23, March 16, April 27, May 18, 2017; 05:30p-08:50p; CDCM-16.
Section 6003 requires six hours per week of lab.
CLDV-09 HUMAN DEVELOPMENT (ALSO: PSYC-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 interplay of biological, psychological, social, and cultural forces on the developing human being.

ONLINE/HYBRID
2314 ONLINE Bluett-Murphy V
CONTACT: For course-specific questions contact victoria.bluett-
murph@mccd.edu. For technology problems contact the help
desk at www.mccd.edu/myhelp/ or (209) 381-6565.
2318 ONLINE Marquez-Ramirez M
CONTACT: For course-specific questions contact martina.
marquez@mccd.edu.
2911 ONLINE Clifford J
Section 2911 is held from 03/17/17 to 05/26/17.
CONTACT: www.mccd.edu/myhelp/ for information about
logging into online courses.

MERCED
1670 WC MW 12:30p-01:45p Soria L VOC-138
1322 WC MW 02:00p-03:15p Patton M AG-10
1326 WC TTh 03:30p-04:45p Patton M VOC-138

LOS BANOS
8240 WC M 05:30p-08:20p Anaya Y LB-B-106

CLDV-11 INTRODUCTION TO EARLY INTERVENTION
3 units: 2 hours lecture, 3 hours lab.
Limitation on enrollment: Students must have a negative result on a
TB test within the past four years. Prerequisites: CLDV-01. Advisory:
ENGL-85.
This course is designed to satisfy requirements for the Early Intervention
Assistant Certificate of Achievement.
CLDV-11 students must provide immunization documentation as required by California State law to work or volunteer in a child care facility.

MERCED
6169 WC M 05:30p-07:20p Brace K VOC-138
Section 6169 has 3 hours lab by arrangement per week.

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
6167 WC W 05:30p-07:20p Marquez-Ramirez M CDCM-16

CLDV-34B ADMINISTRATION AND SUPERVISION OF ECE
PROGRAMS: PART B
3 units: 3 hours lecture.
Prerequisite: CLDV-34A. Advisory: ENGL-01A.
This advanced administration course is designed to give students an in-
depth look at more complex administrative practices in Early Childhood
settings.

MERCED
6004 T 05:30p-08:20p Cruthird A IAC-120

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
1672 WC T 01:00p-02:50p Marquez-Ramirez M CDCM-16

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
6010 WC 6 hours lab by arrangement Marquez-Ramirez M CDCM-16
ORIENTATION-MANDATORY: January 19, 2017, 06:00p-07:50p; CDCM-16
IN-CLASS SESSION-MANDATORY: Final Exam; May 23, 2017, 06:00p-07:50p; 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
2368 ONLINE Heft A
CONTACT: For Course-specific questions, contact the professor
of the course at april.heft@mccd.edu.

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.

MERCED
1778 MWF 09:00a-09:50a Bonstein J IAC-121
1774 MWF 10:00a-10:50a Bonstein J IAC-121
1777 MW 12:30p-01:45p Young J IAC-121
1796 TTh 02:00p-03:15p Kasle S IAC-146
1773 TTh 09:30a-10:45a Bonstein J ART-1
1775 TTh 12:30p-01:45p Young J IAC-121
6092 TTh 05:30p-06:45p Kasle S IAC-146
6097 Th 05:30p-08:20p Bonstein J IAC-121

LOS BANOS
4242 MW 09:30a-10:45a Rigby K LB-B-137
4244 MW 02:00p-03:15p Rigby K LB-B-101
8242 T 05:30p-08:20p Rigby K LB-B-134

COMM-02 ORAL INTERPRETATION (ALSO: ENGL-02)
(C-ID COMM 170) (CSU breadth area A1)
3 units: 3 hours lecture.
Prerequisite: ENGL-85.
This course is designed to introduce students to performance studies
through analysis, appreciation, and application of interpretive performance
of the various forms of literature: poetry, prose and drama.

MERCED
1246 MWF 11:00a-11:50a Bonstein J IAC-121

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.
COMPUTER SCIENCE (CPSC)

CPSC-05A APPLICATION DEVELOPMENT AND PROGRAMMING
[CILC areas A,B,F]
3 units: 2 hours lecture, 3 hours lab.
Advisory ENGL-85.
An introduction to the fundamental concepts and models of application
development including the basic concepts of program design, data
structures, programming, problem solving, programming logic, and
fundamental design techniques for event-driven programs.

MERCED
1119 $  MW  08:00a-10:15a  Kanemoto K  VOC-113

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
2329 W  05:30p-07:20p  Cadden K (lec)  VOC-113
& ONLINE  Cadden K (lab)
CONTACT: cadden.k@mccd.edu
IN-CLASS SESSIONS: Wednesdays; 05:30p-07:20p; VOC-113.
COMMENTS: Lab hours will be online.

MERCED
1165 $  MW  10:30a-12:45p  Kanemoto K  VOC-113

CPSC-07 DISCRETE STRUCTURES (ALSO: MATH-07)
(CSU breadth area B4)  (C-ID COMP 152)
3 units: 2.5 hours lecture, 1.5 hours lab.
Prerequisite: CPSC-06 or ENGR-14 or CPSC-14; MATH-04A.
This course is an introduction to the discrete structures used in Computer
Science with an emphasis on their applications.

MERCED
1262 WC TTh  01:00p-02:50p  Hogan G/Kanemoto K  VOC-113

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.
Computer applications including word processing, spreadsheets,
databases, and presentation managers will be covered.

ONLINE/HYBRID
2392 $  ONLINE  Garcia Martinez J
2394 $  ONLINE  Robinson D
CONTACT: juan.garcia955@mccd.edu
CONTACT: robinson.d@mccd.edu  Students must CHECK
COLLEGE EMAIL account BY THE FIRST DAY of the semester,
if not a few days EARLIER, for important instructions on getting
started with this course.

MERCED
1911 $  MW  08:00a-10:15a  Kline S  VOC-115
1935 $  MW  01:00p-03:15p  Hoover L  VOC-115
1139 $  TTh  08:00a-10:15a  Ahmadi A  VOC-113
1415 $  TTh  10:30a-12:45p  Ahmadi A  VOC-113
1972 $  TTh  01:00p-03:15p  Kline S  VOC-114
6141 $  TTh  05:30p-07:45p  Kline S  VOC-114
6067 $  M  05:10p-10:00p  Kekahuna P  VOC-114
6112 $  T  05:10p-10:00p  Cadden K  VOC-115
6047 $  W  05:10p-10:00p  Zdanowski M  VOC-115

LOS BANOS
4252 $  TTh  08:00a-10:15a  Moreno M  LB-A-109
8252 $  MW  07:00p-09:15p  Garcia Martinez J  LB-A-108
This course is a continuation course in Computer Science which introduces further aspects of software design and implementation. Abstract data types, fundamental data structures and associated algorithms: lists, stacks, queues and trees. Students will be expected to design, implement, test and analyze a number of programs.

ONLINE/HYBRID

2324 TTh 05:30p-07:20p Kanemoto K (lec) VOC-113 & ONLINE Kanemoto K (lab)

CONTACT: kanemoto.k@mccd.edu

IN-CLASS SESSIONS: Tuesdays & Thursdays: 05:30p-07:20p; VOC-113.

COMMENTS: Lab hours to be held online.

COOPERATIVE EDUCATION (COOP)

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. Seventy-five (75) hours of paid work equals 1 unit of co-operative education; 60 hours volunteer work equals 1 unit of cooperative education.

Registering in section 3002, 3003, or 3004 will place you on a waiting list for the course. To complete the registration process, students MUST attend one of several mandatory orientations during the first week of school. After the orientation, students will be enrolled in the appropriate section based on a combination of factors, including their job site(s) and major or occupational goal(s).

Students may register for a co-op course in person or online. Merced Campus students wishing to enroll in person may visit the Career Center located in the Lesher Student Services Center. Los Banos Campus students wishing to enroll in person will meet with a counselor in Student Services located in Building A.

Please check the Co-operative Education webpage for updated information on the orientations:

COOP-41 COOPERATIVE EDUCATION

2-4 units.

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.

MERCED or LOS BANOS

3002 Co-op 2 units
3003 Co-op 3 units
3004 Co-op 4 units

CRIMINAL JUSTICE (CRIM)

CRIM-01 CRIMINOLOGY

(C-ID SOCI 160) (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. Crime control policies are critically examined regarding linkages among 1) social conflicts and inequalities, 2) criminal laws and enforcement practices, and 3) social deviance.

MERCED

1167 MW 02:00p-03:15p Noblett D VOC-141
1213 TTh 03:30p-04:45p Noblett D VOC-39

CRIM-02 INTRODUCTION TO CRIMINAL JUSTICE

(C-ID AJ 110)

3 units: 3 hours lecture.

Prerequisite: ENGL-85.

This course pertains to the history and philosophy of criminal justice in America.

MERCED

1069 MW 09:30a-10:45a Norris S VOC-141
1079 MW 03:30p-04:45p Noblett D VOC-141

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.

MERCED

1838 MW 12:30p-01:45p Gregory B VOC-141
1169 TTh 03:30p-04:45p Gregory B VOC-141

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

1968 TTh 12:30p-01:45p Johnson M VOC-141
6411 M 07:00p-09:50p Johnson M VOC-141

LOS BANOS

8274 Th 07:00p-09:50p Staff LB-B-107

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.

MERCED

1170 MW 11:00a-12:15p 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.

MERCED

1576 TTh 02:00p-03:15p Noblett D 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.

MERCED

1193 TTh 08:00a-09:15a Norris S VOC-141

LOS BANOS

8276 WC T 07:00p-09:50p Staff LB-B-107

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.

MERCED

1171 MW 11:00a-12:15p 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.  

MERCED  
1589  
W 02:00p-04:50p  
Johnson M  

CRIM-33 VIOLENCE IN THE FAMILY  
3 units: 3 hours lecture.  
Advisory: CRIM-02; ENGL-85.  
This course examines criminal law and the psycho-socio dynamics of child abuse, elder abuse, spousal abuse, and sexual assault.  

MERCED  
1014  
TTh 09:30a-10:45a  
Johnson M  

CRIM-35 NARCOTICS  
3 units: 3 hours lecture.  
Advisories: CRIM-02; ENGL-85.  
This course is a review of the laws restricting and governing the use of narcotics and dangerous drugs, the psychological and physiological effects of the use and addiction to narcotics and dangerous drugs, and the procedures used to combat the problems facing law enforcement and society in relation to narcotics and dangerous drugs.  

MERCED  
1751  
TTh 11:00a-12:15p  
Johnson M  

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. Effective communication styles for courtroom, testimony, interrogation, and verbal judo will be examined, evaluated, and practiced.  

MERCED  
1062  
M 02:00p-04:50p  
Norris S  

CRIM-42D RESERVE OFFICER MODULE LEVEL 2  
[CILC area D]  
10 units: 162 total hours lecture, 54 total hours lab.  
Limitation on enrollment: 1 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. 2 The absence of medical conditions that would prevent strenuous physical training during arrest and control methods training, use of force, and crimes in progress. Physicians' clearance indicating good physical health must be presented to instructor at first class meeting. 3 Student must possess a valid California Drivers' License.  
Prerequisite: CRIM-42C. Advisory: ENGL-85.  
This course satisfies the Level 2 Modular Format Basic Course training requirements of the Commission on Peace Officer Standards and Training (POST). Students missing more than 5% of class time will not be allowed to complete the class (POST regulations).  

MERCED  
9163  
TTh 06:00p-09:50p  
Gregory B/Noblett D  

& S 08:00a-04:50p  
Gregory B/Noblett D  

Section 9163 is held from 01/17/17 to 02/23/17.  
Section 9163 requires 149 hours by arrangement and will meet on Saturdays and Sundays; 08:00a-04:50p to include a 30 minute lunch break; dates to be announced. Section 9163 requires a $250 fee for materials and ammunition.  

CROP-13 FORAGE CROPS  
3 units: 2 hours lecture, 3 hours lab.  
Advisories: ENGL-85; MATH-80 or MATH-85.  
This course will cover production, harvesting, and utilization of principal California forage crops. The importance of forage crops as a supplement to livestock enterprises will also be covered.  

MERCED  
1805  
WC MW 01:00p-03:15p  
Bell S  

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  
9171  
WC MTWth 01:00p-02:25p  
Thornburgh J  

& MTWth 02:26p-05:05p  
Thornburgh J  

Section 9171 is held from 01/17/17 to 02/23/17.  

LC This is a Learning Community course which requires registration in:  

9279  
WC MTWth 01:00p-02:25p  
Thornburgh J  

& MTWth 02:26p-05:05p  
Thornburgh J  

Section 9279 is held from 01/17/17 to 02/23/17.  

DRFT-04D ADVANCED PARAMETRIC MODELING  
3 units: 2 hours lecture, 3 hours lab.  
Prerequisite: DRFT-04C.  
This course uses Inventor and SolidWorks. Students will use advanced commands in both programs. Some of the topics covered are 3D sketches, Tabular Parts, Large Assemblies, and Top-Down Assemblies.  

MERCED  
9172  
WC MTWth 08:30a-09:45a  
Thornburgh J  

& MTWth 09:46a-12:00p  
Thornburgh J  

Section 9172 is held from 02/27/17 to 04/06/17.  

LC This is a Learning Community course which requires registration in:  

9280  
WC MTWth 08:30a-09:45a  
Thornburgh J  

& MTWth 09:46a-12:00p  
Thornburgh J  

Section 9280 is held from 02/27/17 to 04/06/17.  

DRFT-05 TECHNICAL GRAPHICS  
3 units: 2 hours lecture, 3 hours lab.  
Prerequisite: DRFT-04A or DRFT-04C. Advisories: ENGL-84; MATH-80 or MATH-85; READ-81.  
This course utilizes computer graphics to prepare engineering drawings including geometric constructions, multi-view drawing, sectioning, auxiliary views, pictorial drawing, and tolerancing. It contains a strong tie to ANSI Y14.5.  

MERCED  
9169  
WC MTWth 08:15a-09:40a  
Thornburgh J  

& MTWth 09:41a-12:20p  
Thornburgh J  

Section 9169 is held from 01/17/17 to 02/23/17.  

LC This is a Learning Community course which requires registration in:  

9274  
WC MTWth 08:15a-09:40a  
Thornburgh J  

& MTWth 09:41a-12:20p  
Thornburgh J  

Section 9274 is held from 01/17/17 to 02/23/17.
**DRFT-10 RENDERING AND ANIMATION**

3 units: 2 hours lecture, 3 hours lab. 
Advisory: DRFT-04C or DRFT-42B.

This course uses 3DS Max Design. Students will learn how to create objects in 3DS, Box Modeling, Material mapping, Rendering, and Animation. Students will also learn how to import objects for use in animations and how to complete basic video editing.

**MERCED**

9173 WC MTWTh 08:30a-09:45a Thornburgh J VOC-40
& MTWTh 09:46a-12:00p Thornburgh J VOC-40
   LC  Section 9173 is held from 04/10/17 to 05/25/17.

This is a Learning Community course which requires registration in: DRFT-04A-9171, DRFT-04D-9172, DRFT-05-9169, DRFT-10-9173, DRFT-25-9170, AND DRFT-35-9174.

9275 WC MTWTh 08:30a-09:45a Thornburgh J VOC-40
& MTWTh 09:46a-12:00p Thornburgh J VOC-40
   Section 9275 is held from 04/10/17 to 05/25/17.

**DRFT-25 DESCRIPTIVE GEOMETRY**

3 units: 2 hours lecture, 3 hours lab.
Prerequisite: DRFT-04A, DRFT-05. Advisory: MATH-81.

This course involves the use of computer-aided drafting and hand sketching to solve problems and communicate ideas.

**MERCED**

9170 WC MTWTh 12:30p-01:45p Thornburgh J VOC-40
& MTWTh 01:46p-04:00p Thornburgh J VOC-40
   LC  Section 9170 is held from 02/27/17 to 04/06/17.

This is a Learning Community course which requires registration in: DRFT-04A-9171, DRFT-04D-9172, DRFT-05-9169, DRFT-10-9173, DRFT-25-9170, AND DRFT-35-9174.

9276 WC MTWTh 12:30p-01:45p Thornburgh J VOC-40
& MTWTh 01:46p-04:00p Thornburgh J VOC-40
   Section 9276 is held from 02/27/17 to 04/06/17.

**DRFT-35 CAPSTONE DESIGN PROJECT**

3 units: 2 hours lecture, 3 hours lab.
Prerequisites: DRFT-04C or DRFT-43. One-way corequisite: DRFT-10.

This course will guide students in the design process. Students will learn the steps in creating a new design (identify problem, planning, research, design, documentation, presentation).

**MERCED**

9174 WC MTWTh 01:00p-02:15p Thornburgh J VOC-40
& MTWTh 02:16p-04:30p Thornburgh J VOC-40
   LC  Section 9174 is held from 04/10/17 to 05/25/17.

This is a Learning Community course which requires registration in: DRFT-04A-9171, DRFT-04D-9172, DRFT-05-9169, DRFT-10-9173, DRFT-25-9170, AND DRFT-35-9174.

9277 WC MTWTh 01:00p-02:15p Thornburgh J VOC-40
& MTWTh 02:16p-04:30p Thornburgh J VOC-40
   Section 9277 is held from 04/10/17 to 05/25/17.

**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**

9018 WC MTWTh 01:00p-02:10p Russell C MA-2
& MTWTh 02:11p-04:20p Russell C MA-2
   LC  Section 9018 is held from 01/17/17 to 03/02/17.

This is a Learning Community course which requires registration in: WELD-06-9010, WELD-07-9011, WELD-40A-9012, WELD-40B-9013, WELD-46-9014, and DRFT-44-9018.

9278 WC MTWTh 01:00p-02:10p Russell C MA-2
& MTWTh 02:11p-04:20p Russell C MA-2
   Section 9278 is held from 01/17/17 to 03/02/17.

**DRFT-59 BASIC DRAFTING**

3 units: 2 hours lecture, 3 hours lab.
Advisories: READ-81, ENGL-84; MATH-80 or MATH-85.

This course covers principles of mechanical drawing and drafting. It is designed to help students communicate through sketching and drawing. The communication is covered as a presentation of ideas through drawings.

**MERCED**

6075 WC T 05:10p-10:00p Post T VOC-40

**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.

**MERCED**

1075 MW 12:30p-01:45p Heidelbach C ART-1
   Section 1075 requires theater attendance at the student's expense.

1421 TTh 11:00a-12:15p Heidelbach C IAC-106
   Section 1421 requires theater attendance at the student's expense.

**LOS BANOS**

4296 WC TTh 11:00a-12:15p Morriston J LB-B-107

**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.

**MERCED**

9205 TWTh 05:00p-09:50p Heidelbach C THTR-STG
   Section 9205 is held from 1/24/17 to 2/23/17.
   Auditions will be held 1/24/17; 05:00p-9:50p; THTR-STG.
   Registration NOT allowed before first night of class. Students registering for DRAM-02-9205 must also register for DRAM-02L-9206.

**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.

**MERCED**

9206 54 hours by arrangement Heidelbach C THTR-STG
   Section 9206 is held from 2/27/17 to 3/19/17.
   MANDATORY ORIENTATION: February 27, 2017; 05:00p-9:50p; THTR-STG.
   Registration NOT allowed before first night of class.
**DRAM-04 ACTOR’S WORKSHOP**
2 units: 2 hours lecture.
Limitation on enrollment: Enrollment by audition or interview, instructor signature required. One-way corequisite: DRAM-04L.
Advisory: ENGL-85.
This course is an individual examination of basic acting techniques as applied to laboratory scenes and commencing in actual public performance. Critical evaluation, demonstration, and written reviews are required.

**MERCED**
9024 TTh 05:00p-08:50p Morriston J
THTR-STG
Section 9024 is held from 3/21/17 to 4/6/17.
Auditions will be held 3/21/17; 05:00p-8:50p: THTR-STG.
Registration NOT allowed before first night of class. Students registering for DRAM-04-9024 must also register for DRAM-04L-9025.

**DRAM-04L ACTOR’S WORKSHOP LAB**
1 unit: 3 hours lab.
Limitation on enrollment: Enrollment by audition or interview, instructor signature required. Advisory: ENGL-85.
This course focuses on practical application in technical rehearsals and public performance of rehearsal skills, promotion, production skills and performance techniques begun in Actor’s Workshop.

**MERCED**
9025 54 hours Morriston J
THTR-STG
Section 9025 is held from 4/10/17 to 4/30/17.
MANDATORY ORIENTATION: April 10, 2017: 05:00p-09:50p; THTR-STG. Registration NOT allowed before first night of class.

**DRAM-08 THEATRE HISTORY: ANCIENT TO ROMANTICISM**
(C-ID THTR 113)
(CSU breadth area C1) (IGETC area 3A)
3 units: 3 hours lecture.
Prerequisite: ENGL-01A.
A study of theatre history, from its origins through to the mid 19th Century, including the influence of staging, acting styles, socio-political movements and culture upon the playwright and his/her work. Eastern and Western Theatre traditions are examined.

**MERCED**
1910 TTh 12:30p-01:45p Souza J
IAC-106

**DRAM-12 ACTING I**
(C-ID THTR 151)
3 units: 2 hours lecture, 3 hours lab
Advisory: ENGL-01A.
This course is designed to serve the needs of the beginning student in acting. Emphasis will be on stage techniques and character development for stage performance.

**MERCED**
1826 TTh 01:00p-03:15p Heidelbach C
THTR-STG

**ECONOMICS (ECON)**

**ECON-01 INTRODUCTION TO MICROECONOMICS**
(CSU breadth area D) (IGETG 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**
2302 ONLINE Carter J
CONTACT: john.carter1767@mccd.edu
2364 ONLINE Carter J
CONTACT: john.carter1767@mccd.edu

**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.

**MERCED**
1211 MWF 09:00a-09:50a Serpa C
IAC-146
1712 TTh 11:00a-12:15p Serpa C
IAC-146

**LOS BANOS**
8310 WC MW 05:30p-06:45p McNally T
LB-B-106

**ELECTRICITY -- ELECTRONICS (ELCT)**

**ELCT-30 EXPLORING THE WORLD OF ELECTRICITY AND ELECTRONICS**
3 units: 3 hours lecture.
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.

**MERCED**
1608 WC TTh 02:00p-03:15p Hamilton A
AG-10

**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**
9261 WC MTWTh 01:00p-02:10p Walls W
VOC-42
& MTWTh 02:11p-04:20p Walls W
VOC-42
LC Section 9261 is held from 01/17/17 to 03/02/17.
This is a Learning Community course which requires registration in: ELCT-34-9261, ELCT-36-9262, ELCT-40C-9258, ELCT-40D-9259, AND ELCT-51B-9260.
9281 WC MTWTh 01:00p-02:10p Walls W
& MTWTh 02:11p-04:20p Walls W
VOC-42
Section 9281 is held from 01/17/17 to 03/02/17.

**ELCT-36 NETWORKING TOPOLOGIES AND CABLEING**
3 units: 2 hours lecture, 3 hours lab.
Advisories: ELCT-51B; ENGL-85; MATH-80 or MATH-85.
This is a course designed to provide the student with information and knowledge to prepare for the industry-standard Building Industry Consulting Service International (BICSI) Register installer.

**MERCED**
9262 WC MTWTh 01:00p-02:15p Walls W
VOC-42
& MTWTh 02:16p-04:30p Walls W
VOC-42
LC Section 9262 is held from 03/06/17 to 04/13/17.
This is a Learning Community course which requires registration in: ELCT-34-9261, ELCT-36-9262, ELCT-40C-9258, ELCT-40D-9259, AND ELCT-51B-9260.
9282 WC MTWTh 01:00p-02:15p Walls W
VOC-42
& MTWTh 02:16p-04:30p Walls W
VOC-42
Section 9282 is held from 03/06/17 to 04/13/17.
ELCT-40C  ROUTING AND SWITCHING IN THE ENTERPRISE
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: CPSC-40B or ELCT-40B.
Complex configurations of switching devices in the enterprise network are introduced to students. Variable Length Subnet Masking (VLSM) is emphasized and Internet Protocol version 6 (IPv6) is introduced in device configurations.

MERCED
9258 WC MTWTh 08:00a-09:10a Walls W VOC-42 & MTWTh 09:11a-11:20a Walls W VOC-42
LC Section 9258 is held from 01/17/17 to 03/02/17.
This is a Learning Community course which requires registration in: ELCT-34-9261, ELCT-36-9262, ELCT-40C-9258, ELCT-40D-9259, AND ELCT-51B-9260.
9284 WC MTWTh 08:00a-09:10a Walls W VOC-42 & MTWTh 09:11a-11:20a Walls W VOC-42
Section 9284 is held from 01/17/17 to 03/02/17.

ELCT-40D  DESIGNING AND SUPPORTING COMPUTER NETWORKS
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: ELCT-40C.
This course introduces students to network design processes using two examples; a large stadium enterprise network and a medium-sized film company network.

MERCED
9259 WC MTWTh 08:00a-09:30a Walls W VOC-42 & MTWTh 09:31a-12:15p Walls W VOC-42
LC Section 9259 is held from 03/06/17 to 04/06/17.
This is a Learning Community course which requires registration in: ELCT-34-9261, ELCT-36-9262, ELCT-40C-9258, ELCT-40D-9259, AND ELCT-51B-9260.
9285 WC MTWTh 08:00a-09:30a Walls W VOC-42 & MTWTh 09:31a-12:15p Walls W VOC-42
Section 9285 is held from 03/06/17 to 04/06/17.

ELCT-43A  INDUSTRIAL INSTRUMENTATION AND PROCESS CONTROL
3 units: 2.5 hours lecture, 1.5 hours lab.
Advisories: ELCT-31; ENGL-85; MATH-80 or MATH-85.
This course is designed to study instrumentation, sensors and controls that are used in industrial process control and automation.

MERCED
6107 WC M 05:30p-09:20p Coate D VOC-42

ELCT-51B  A+ CERTIFICATION TRAINING
[CILC area A]
3 units: 2 hours lecture, 3 hours lab.
Advisory: ELCT-51A; ENGL-85; MATH-80 or MATH-85.
This is a course designed to provide the student with a working knowledge of the hardware and software used with personal computers (PCs).

MERCED
9260 WC MTWTh 08:00a-09:30a Walls W VOC-42 & MTWTh 09:31a-12:15p Walls W VOC-42
LC Section 9260 is held from 04/10/17 to 05/18/17.
This is a Learning Community course which requires registration in: ELCT-34-9261, ELCT-36-9262, ELCT-40C-9258, ELCT-40D-9259, AND ELCT-51B-9260.
9286 WC MTWTh 08:00a-09:30a Walls W VOC-42 & MTWTh 09:31a-12:15p Walls W VOC-42
Section 9286 is held from 04/10/17 to 05/18/17.

ELCT-53A  SOLAR INSTALLER COURSE 1
3 units: 2 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-80 or MATH-85.
This is an introductory course that will examine and implement the design and installation of a working solar photovoltaic power system.

MERCED
9287 WC MTWTh 08:00a-09:10a Nagano J & MTWTh 09:11a-11:20a Nagano J VOC-42
LC Section 9287 is held from 01/17/17 to 03/02/17.
This is a Learning Community course which requires registration in: ELCT-53A-9005, ELCT-53E-9007, INDNT-35-9006, AND INDNT-41-9008.

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. 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 I certifying exam from the National Registry of Emergency Medical Technicians.
If you are interested in obtaining more information regarding enrolling into the EMER-50A classes, please call (209) 384-6058 or stop by the VOC-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
9006 TT 05:30p-09:20p Aanstad J VOC-39
Section 9006 is held 01/17/17 to 03/03/17.

LOS BANOS
9900 MW 05:30p-09:20p Staff LB-B-101
Section 9900 is held 01/17/17 to 03/03/17.
Limitation on Enrollment: Negative TB skin test or negative chest.
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 is the second 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-50B classes, please call (209) 384-6058 or stop by the VOC-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
9063 TTh 09:30a-02:55p Donnelly B VOC-39
Section 9063 is held 01/17/17 to 03/24/17.
18 hours by arrangement to be held on one Saturday and one Sunday.
Section 9063 includes a 60 minutes lunch.
9067 TTh 05:30p-09:20p Aanstad J VOC-39
Section 9067 is held 03/06/17 to 05/26/17.
18 hours by arrangement to be held on one Saturday and one Sunday.

LOS BANOS
9902 MW 05:30p-09:20p Staff LB-B-101
Section 9902 is held 03/06/17 to 05/26/17.
18 hours by arrangement to be held on one Saturday and one Sunday.

ENGINEERING (ENGR)

ENGR-18 ELECTRICAL CIRCUITS ANALYSIS
4 units: 3 hours lecture, 3 hours lab.
Prerequisite: PHYS-04B. One-way corequisite: MATH-06. Advisory: ENGL-85.
This course covers basic circuit analysis emphasizing resistive circuits, natural and forced response of inductive and capacitive circuits, phasor analysis, and semiconductor elements.

MERCED
1012 TTh 11:00a-12:15p Gargova S VOC-11
& M 02:00p-04:50p Gargova S VOC-43

ENGR-30 INTRODUCTION TO ENGINEERING
[CILC area C, D]
2 units: 1 hour lecture, 3 hours lab.
Advisories: ENGL-85; MATH-C.
This course covers three areas: a description of engineering careers, a factual comparison of engineering degrees and transfer universities, and a discussion of the academic skills required to earn an engineering degree.

MERCED
1979 TTh 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 an introduction to the atomic and microscopic structure of modern engineering materials.

MERCED
1332 MWF 09:00a-09:50a Gargova S SCI-105
& Th 08:00a-10:50a 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. Students write expository, analytical, and argumentative essays informed by assigned readings, discussion, and/or research.

ONLINE/HYBRID
2304 ONLINE Kahler S
CONTACT: For course-specific questions contact shirley.kahler@mccd.edu.
2319 ONLINE Kahler S
CONTACT: For course-specific questions contact shirley.kahler@mccd.edu.
2332 ONLINE Hundley A
CONTACT: For course-specific questions contact hundley.a@mccd.edu.
2342 ONLINE Huntington P
CONTACT: For course-specific questions, contact pamela.huntington@mccd.edu.
2360 ONLINE Ortiz K
CONTACT: For course-specific questions contact keri.ortiz@mccd.edu. For technology problems contact the Student Help Desk at www.mccd.edu/myhelp or (209) 381-6565.
2386 ONLINE Rempel D
CONTACT: For course-specific questions, contact the professor at denise.rempel@mccd.edu.
2396 ONLINE Long J
CONTACT: For course-specific questions contact the instructor at long.j@mccd.edu.

HYBRID
2333 HYBRID Taylor C
CONTACT: For course-specific questions, contact Candace.taylor@mccd.edu.
IN-CLASS SESSIONS: Lecture – Mondays and Wednesdays; 10:00a-10:50a; VOC-139
COMMENTS: 2 hours lecture will be ONLINE.
2356 HYBRID Mumford J
IN-CLASS SESSIONS: Lecture - Tuesdays and Thursdays; 08:00a-08:50p; IAC-124.
HYBRID Huntington P
CONTACT: For course-specific questions contact pamela.huntington@mccd.edu.
IN-CLASS SESSIONS: Lecture - Mondays and Wednesdays; 02:00p-03:15p; IAC-120.
COMMENTS: 1 1/2 hours lecture will be ONLINE.
2303 HYBRID Porter S
IN-CLASS SESSIONS: Lecture - Mondays and Wednesdays; 11:00a-11:50a; VOC-138.
COMMENTS: 2 hours lecture will be ONLINE.
2306 HYBRID Porter S
IN-CLASS SESSIONS: Lecture - Tuesdays and Thursdays; 04:00p-05:50p; IAC-124.
COMMENTS: 2 hours lecture will be ONLINE.
2316 HYBRID Trook D
IN-CLASS SESSIONS: Lecture - Mondays and Wednesdays; 08:00a-08:50a; IAC-124.
COMMENTS: 2 hours lecture will be ONLINE.
2326 HYBRID Trook D
IN-CLASS SESSIONS: Lecture - Tuesdays and Thursdays; 09:00a-09:50a; IAC-124.
COMMENTS: 2 hours lecture will be ONLINE.
2930 HYBRID Rempel D
Section 2930 is held from 03/20/17 to 05/26/17.
CONTACT: rempel.d@mccd.edu
IN-CLASS SESSIONS: Lecture - Mondays and Wednesdays; 11:00a-12:50p; PS-2.
COMMENTS: 4 hours lecture will be Online.
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
2385 ONLINE
Hundley A
CONTACT: For course-related questions, email the instructor at
hundley.a@mccd.edu.

ENGL-02 ORAL INTERPRETATION (ALSO: COMM-02)
(C-ID COMM 170)
3 units: 3 hours lecture.
Prerequisite: ENGL-85.
This course is designed to introduce students to performance studies
through analysis, appreciation and application of interpretive performance of
the various forms of literature: poetry, prose and drama.

MERCED
1954 MWF 11:00a-11:50a Bonstein J
IAC-121

ENGL-05 INTRODUCTION TO FICTION
(CSU breadth area C2) (IGETC area 3B)
3 units: 3 hours lecture.
Prerequisite: ENGL-01A. Advisory: ENGL-01B.
This course traces the origins and subsequent developments of short
fiction and longer fiction (novels), and signals the specific characteristics of
respective genres.

MERCED
1740 WC MWF 08:00a-08:50a Epstein-Corbin S
IAC-120

ENGL-06B MAJOR ENGLISH WRITERS SINCE THE LATE 18TH
CENTURY
(C-ID ENGL 165) (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 the late eighteenth through the twentieth, to the twenty-first
centuries.

MERCED
1922 WC TTh 09:30a-10:45a Mumford J
IAC-120

ENGL-08 INTRODUCTION TO SHAKESPEARE
(CSU breadth area C2) (IGETC area 3B)
3 units: 3 hours lecture.
Prerequisite: ENGL-01A. Advisory: ENGL-01B.
Introduction to Shakespeare is a course of literary analysis based on
reading and studying the major works of William Shakespeare.

MERCED
1994 WC TTh 11:00a-12:15p Taylor C
IAC-120

ENGL-12 CREATIVE WRITING
(C-ID ENGL 200)
3 units: 3 hours lecture.
Prerequisite: ENGL-01A. Advisory: ENGL-01B.
A course designed to provide experience in the writing of poetry, drama,
fiction, and creative non-fiction and to aid the student in becoming aware of
the craft of writing as described and/or demonstrated by professional
writers.

MERCED
6536 WC W 05:30p-08:20p Withers M
IAC-123
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.

MERCED
1258 WC MWF 07:00a-07:50a Staff IAC-123
1324 WC MWF 08:00a-08:50a Piro V VOC-110
1151 WC ST MWF 12:00p-12:50p McBride J SCI-204
1998 WC MWF 01:00p-01:50p Toth R ART-2
1054 WC TTh 08:00a-08:50a Smith V IAC-110
1741 WC TTh 11:00a-12:15p McBride J VOC-111
1168 WC TTh 02:00p-03:15p Baker W VOC-10
1824 TTh 02:00p-03:15p Law K IAC-109
1991 WC TTh 02:00p-03:15p Rempel D VOC-143
6065 WC M 07:00p-09:00p Withers M IAC-122
6100 W 07:00p-09:00p Law K IAC-109
9122 WC MTWTh 10:30a-11:30a Barba M IAC-122
Section 9122 is held from 02/06/17 to 05/18/17.

LOS BANOS
4358 WC MW 12:30p-01:45p Chavez C LB-B-135
4360 WC TTh 09:30a-10:45a Nelson K LB-B-112
4362 WC F 09:00a-11:50a Barnes L LB-B-136

ENGL-13H HONORS CRITICAL REASONING AND WRITING (ALSO: PHIL-13H)
(C-ID ENGL 105) (CSU breadth area A3) [CILC area G] (IGETC area 1B)
3 units: 3 hours lecture.
Limitation on enrollment: Enrollment in the Honors Program.
Prerequisite: ENGL-01A.
This course offers instruction in argumentative and critical writing, critical thinking, research strategies, information literacy, and proper documentation.

MERCED
6058 WC M 07:00p-09:50p Withers M IAC-122

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.

MERCED
1293 WC MWF 09:30a-10:55a Strand M VOC-143

LOS BANOS
4366 WC MW 08:00a-10:15a Mingua-Lopstain D LB-B-112

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
1304 WC MWF 07:55a-09:20a Mumford J VOC-111
1000 WC MWF 12:45p-02:10p Smith V VOC-143
1313 WC MW 08:00a-10:15a Flatt S IAC-122
1311 WC TTh 08:00a-10:15a Rempel D VOC-110
6205 WC TTh 05:30p-07:45p Golden P VOC-111

LOS BANOS
4368 WC MW 08:00a-10:15a Kimoto S LB-B-135
4370 WC TTh 12:30p-02:45p Koepnick S LB-B-135
8368 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
1166 WC MWF 09:15a-10:20a Toth R IAC-124
1201 WC MWF 11:45a-12:50p Kobzeff S VOC-110
1222 WC MWF 01:00p-02:05p Martinez E VOC-110
1916 WC MWF 02:15p-03:20p White M VOC-10
& MW 03:30p-04:45p White M IAC-139
1225 WC TTh 02:00p-03:50p Huntington P IAC-139
1932 WC MW 03:30p-05:20p Ortiz K ART-2
& MW 02:00p-03:15p Ortiz K IAC-139
1178 WC TTh 10:00a-11:50a Kahlert S IAC-124
& TTh 12:00p-01:15p Kahlert S IAC-140
1221 WC TTh 12:00p-01:50p Taber J VOC-143
& TTh 02:00p-03:15p Taber J IAC-140
1251 WC TTh 12:00p-01:50p Lankford T VOC-10
& TTh 02:00p-03:15p Lankford T IAC-124
1216 WC TTh 02:00p-03:50p Temple J VOC-110
& TTh 04:00p-05:15p Temple J IAC-139
1787 WC TTh 02:00p-03:50p Toconis M IAC-110
& TTh 04:00p-05:15p Toconis M IAC-139
1923 WC TTh 02:00p-03:50p Toth R AHC-124
& TTh 04:00p-05:15p Toth R IAC-124
1921 WC TTh 04:00p-05:50p Rocha M ART-2
& TTh 06:00p-07:15p Rocha M IAC-139
1096 WC MTWTh 09:00a-09:50a Fries M ART-2
& MWTh 10:00a-10:50a Fries M IAC-140
1218 WC MTWTh 12:00p-12:50p De la Cruz Y IAC-123
& MW 01:00p-02:15p De la Cruz Y IAC-140
1427 WC MTWTh 02:00p-02:50p Golden P VOC-111
& TTh 12:30p-01:45p Golden P IAC-139
6008 WC MW 05:30p-07:20p Hundley A IAC-124
& MW 07:30p-08:45p Hundley A IAC-140
6206 WC MW 05:30p-07:20p Moua P VOC-143
& MW 07:30p-08:45p Moua P IAC-139
6024 WC TTh 05:30p-07:20p Lloyd N VOC-139
& TTh 07:30p-08:45p Lloyd N IAC-139
6382 WC TTh 05:30p-07:20p Doell E VOC-110
& TTh 07:30p-08:45p Doell E IAC-140

LOS BANOS
4376 $ MW 08:00a-09:50a Long J LB-B-111
& MW 10:00a-11:15a Long J LB-A-109
4378 $ MW 10:00a-11:50a Nelson K LB-B-136
4380 $ MW 12:00p-01:50p Kludt K LB-B-136
& MW 02:00p-03:15p Kludt K LB-B-109
4386 $ TTh 10:00a-11:50a Staff LB-B-136
& TTh 12:30p-01:45p Staff LB-A-109
4384 $ TTh 12:00p-01:50p Nelson K LB-B-101
& TTh 02:00p-03:15p Nelson K LB-A-109
4420 $ TTh 02:00p-03:50p Cook J LB-B-136
& TTh 04:00p-05:15p Cook J LB-A-109
8376 $ MW 05:30p-07:20p Flanagan J LB-B-111
& MW 07:30p-08:45p Flanagan J LB-A-109

LC - Learning Community class. See page 55 for details.
$ - Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.
WC - Web Component which will require you to have internet access.
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.
MERCED WC MWF 02:15p-03:20p  Buckingham G  ART-2

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 comprehension. Students
will write about reading by using a step-by-step process to compose well-
ordered paragraphs.
MERCED 1141 TTh 01:00p-03:15p  Staff  VOC-38

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; philosophy and history of fire protection;
fire loss analysis; organization and function of public and private fire
protection services; fire departments as part of local government; laws and
regulations affecting the fire service; fire service nomenclature; specific fire
protection functions; basic fire chemistry and physics; introduction to fire
protection systems; and introduction to fire strategy and tactics.
MERCED 1280 MW 09:30a-10:45a  McCall T  VOC-39

FIRE-34  BUILDING CONSTRUCTION FOR FIRE PROTECTION
3 units: 3 hours lecture.
Prerequisite: FIRE-30. Advisory: ENGL-85.
This course is the study of components of building construction that
relate to fire safety. The elements of construction and design of structures
are shown to be key factors when inspecting buildings, preplanning fire
operations, and operating at fires.
MERCED 1961 MW 12:30p-01:45p  McCall T  VOC-39

FIRE-63A  BASIC FIREFIGHTER I, ACADEMY A
8 units: 7 hours lecture, 3 hours lab.
Limitation on enrollment: Physician’s clearance for strenuous activity.
Prerequisite: FIRE-30. Advisory: ENGL-85.
This course provides manipulative and technical training in basic concepts
of fire department organization, miscellaneous equipment and tools, fire
behavior and extinguishment theory, fire fighter safety, self-contained
breathing apparatus, and portable fire extinguishers.
MERCED 9140  MWF 06:00p-09:50p  Donnelly B  VOC-39 & SSu 08:00a-04:50p  Donnelly B  VOC-39
Section 9140 is held from 01/17/17 to 03/17/17.
Section 9140 requires 180 hours by arrangement and will meet
on Saturdays and Sundays; 08:00a-04:50p to include a 30
minute lunch break; dates to be announced. During this course,
there are modules offered that qualify for certain state and
federal certifications. If the student passes the module, he/she
may have the option to pay the state or federal costs of these
certificates; approximate combined cost $60. Uniform required.
Instructor signature required.

FIRE-63B  BASIC FIREFIGHTER I, ACADEMY B
8 units: 7 hours lecture, 3 hours lab.
Limitation on enrollment: Physician’s clearance for strenuous activity.
Prerequisite: FIRE-63A. Advisory: ENGL-85.
This course provides manipulative and technical training in basic concepts
of ventilation, fire control, salvage and overhaul operations, fire protection
water systems, fire protection systems, fire prevention and investigation,
communications, vehicle extrication, wildland fire fighting, urban interface,
and hazardous materials.
MERCED 9141  MWF 06:00p-09:50p  Donnelly B  VOC-39 & SSu 08:00a-04:50p  Donnelly B  VOC-39
Section 9141 is held from 02/17/17 to 05/26/17.
Section 9141 requires 180 hours by arrangement and will meet
on Saturdays and Sundays; 08:00a-04:50p to include a 30
minute lunch break; dates to be announced. During this course,
there are modules offered that qualify for certain state and
federal certifications. If the student passes the module, he/she
may have the option to pay the state or federal costs of these
certificates; approximate combined cost $60. Uniform required.
Instructor signature required.

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. This course is not recommended
for native speakers.
MERCED 1950 MWF 01:00p-02:25p  Rida A  COM-5

FREN-02  ELEMENTARY FRENCH II
(CSU breadth area C2) (IGETC area 6)
5 units: 5 hours lecture.
Prerequisite: FREN-01 or 1 year of high school French.
FREN-02 is the continuation of FREN-01. This course will focus on the
further development of listening, speaking, reading, and writing in cultural
context, with primary emphasis on communicative competency. This course is not recommended
for native speakers.
MERCED 1947 MWF 01:00p-02:25p  Rida A  COM-5
GEOGRAPHY (GEOG)

GEOG-01 PHYSICAL GEOGRAPHY
(C-ID GEOG 110) (CSU breadth area B1) (IGETC area 5A)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course is a survey of the Earth's dynamic physical systems and processes. Topics include: Earth-sun geometry, weather, climate, water, landforms, soil, and the biosphere.

ONLINE/HYBRID
2358 ONLINE Morimoto D
CONTACT: morimoto.d@mccd.edu or (209) 384-6349
COMMENTS: Access code and login REQUIRED within the first week of instruction.

MERCED
1379 MWF 08:00a-08:50a Morimoto D IAC-106
1378 MWF 10:00a-10:50a Fleenor A IAC-106
1095 MWF 01:00p-01:50p Fleenor A IAC-106
1381 TTh 09:30a-10:45a Morimoto D IAC-106
1776 TTh 02:00p-03:15p Fleenor A IAC-106
6223 T 05:30p-08:20p Fleenor A IAC-106

LOS BANOS
8452 WC W 07:00p-09:50p Bloom K LB-B-134

GEOG-01L PHYSICAL GEOGRAPHY LABORATORY
(C-ID GEOG 111) (CSU breadth area B1/B3) (IGETC area 5C)
1 unit: 3 hours lab.
This course focuses on the development of skills and analytic thinking in explaining landform processes, weather phenomena, climate patterns, and vegetation patterns.

MERCED
1854 M 02:00p-04:50p Morimoto D IAC-106

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
2327 ONLINE Morimoto D
CONTACT: morimoto.d@mccd.edu or (209) 384-6349
COMMENTS: Access code and login REQUIRED within the first week of instruction.

MERCED
1383 MWF 11:00a-11:50a Fleenor A IAC-106
1041 TTh 08:00a-09:15a Morimoto D IAC-106
6171 Th 05:30p-08:20p Gaugler C IAC-106

GEOLOGY (GEOL)

GEOL-01 PHYSICAL GEOLOGY
(C-ID GEOL 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.

MERCED
1451 $ MWF 10:00a-10:50a Davies R SCI-105
& M 11:00a-01:50p Davies R SCI-105
Section 1451 includes a Friday field trip to Yosemite National Park with transportation via district vehicle.

GEOL-02 HISTORICAL GEOLOGY
(C-ID GEOL 111) (CSU breadth area B1/B3) (IGETC area 5A/5C)
4 units: 3 hours lecture, 3 hours lab.
Advisory: ARCH-01 or GEOL-01; ENGL-01A.
This course covers the geological history of the earth and the development of plant and animal life as traced through the rock and fossil records. A field trip is required for this course.

MERCED
6082 TTh 05:30p-06:45p Davies R SCI-105
& T 07:00p-09:50p Davies R SCI-105
Section 6082 includes a 4-day, 3-night field trip to the Mojave Desert; primitive camping with no facilities. Transportation provided via district vehicles at no cost to the student. The student is responsible for personal camping equipment and cost of food.

GEOL-03 EARTH SCIENCE
(C-ID GEOL 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. This course is designed to meet the content requirement for earth and space science for the Liberal Studies - Elementary Teaching preparation pathway.

MERCED
1259 & W 11:00a-01:50p Davies R SCI-105

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
1128 MWF 11:00a-12:25p Kreide C ART-4
Section 1128 uses an online manual which requires the use of a computer with the capability to do voice recordings. Access to the Internet is required.

GERM-02 ELEMENTARY GERMAN
(CSU breadth area C2) (IGETC area 3B/6)
5 units: 5 hours lecture.
Prerequisite: GERM-01 or two years of high school German.
GERM-02 is a continuation of GERM-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. Students will learn how to express in German basic functions of everyday life.

MERCED
1129 MWF 11:00a-12:25p Kreide C ART-4
Section 1129 uses an online manual which requires the use of a computer with the capability to do voice recordings. Access to the Internet is required.
**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.

**ONLINE/HYBRID**

2334 $ ONLINE Smith D
CONTACT: dennell.smith@mccd.edu

2351 $ ONLINE Vang N
CONTACT: gina.vang1@mccd.edu

2917 ONLINE Clark S
Section 2917 is held from 03/20/17 to 05/26/17.

**MERCED**
1800 $ MWF 07:00a-07:50a Anaya Y VOC-138
1134 $ MWF 12:00p-12:50p Yang Y VOC-139
1790 $ TTh 02:00p-03:15p Ochoa L AHC-123
6019 $ M 07:00p-09:50p Molina M VCC-111

**LOS BANOS**
4476 $ TTh 09:30a-10:45a Aalgaard K LB-B-106
4476 $ F 09:00a-11:50a Aalgaard K LB-B-137

**LIVINGSTON**
7002 M 04:00p-06:50p Zepeda E LVN-905
Section 7002 is held at Livingston High School; 1617 Main Street, Livingston.

**DOS PALOS**
7930 Th 06:00p-08:50p Rodriguez L DPHS
Section 7930 is held at Dos Palos High School; 1701 E. Blossom St. Room 17; Dos Palos

**GUID-45 PATHWAYS TO TRANSFER**
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course is an introduction to the process of transfer from community college to a four-year college or university.

**MERCED**
1734 LC TTh 09:30a-10:45a Renteria E VOC-38
Section 1734 is a Puente Learning Community with ENGL-01A-1235.

**GUID-48 LIFE AND CAREER PLANNING**
3 units: 3 hours lecture.
Advisory: ENGL-85.
This is a structured sequential course in life and career planning. Experiences are provided that encompass education, occupation, and job trends.

**ONLINE/HYBRID**

2350 $ ONLINE Garcia C
CONTACT: garcia.co@mccd.edu

**MERCED**
1249 MWF 08:00a-08:50a Souza J VOC-138
Section 1249 requires the purchase of the MBTI assessment for approximately $13.20 and the Strong Interest Inventory for about $5.55. 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.

**MERCED**
9102 MWF 11:00a-11:50a Staff VOC-139
Section 9102 is held from 01/21/17 to 03/17/17.

9103 MWF 11:00a-11:50a Staff VOC-139
Section 9103 is held from 04/03/17 to 05/19/17.

**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. Each student will identify his/her educational goal and develop an appropriate plan for achieving that goal.

**ONLINE/HYBRID**

2352 $ ONLINE Cambridge I
CONTACT: cambridge.i@mccd.edu

2335 $ ONLINE Soto G
CONTACT: soto.g@mccd.edu

2918 ONLINE Soto G
Section 2918 is held from 03/20/17 to 05/26/17.

**MERCED**
1786 MWF 09:00a-09:50a Souza J VOC-139
6425 Th 07:00p-07:50p Renteria E VOC-143

**LOS BANOS**
4480 $ TTh 11:00a-12:15p Aalgaard K LB-B-106
Section 4480 requires the purchase of access to the MTBI Assessment for approximately $13.20. 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. Mental health, stress, alcohol, drugs, tobacco, disease processes, nutrition, fitness, sexuality, aging, environmental issues, and other related topics are studied and examined.

**ONLINE/HYBRID**

2357 ONLINE Devine N
CONTACT: devine.n@mccd.edu

2328 ONLINE Devine N
CONTACT: devine.n@mccd.edu

**MERCED**
1388 MWF 08:00a-08:50a Severo S GYM-2
1389 MWF 09:00a-09:50a Severo S GYM-2
1390 MWF 10:00a-10:50a Casey J GYM-2
1391 MWF 11:00a-11:50a Casey J GYM-2
1392 MWF 12:00p-12:50p Casey J GYM-2
1393 TTh 08:00a-08:50a Russell W GYM-2
1395 TTh 09:30a-10:45a Casey R GYM-2
1394 TTh 11:00a-12:15p Russell W GYM-2
1397 TTh 02:00p-03:15p Severo S GYM-2
1393 TTh 03:30p-04:45p Huddleston A GYM-2
6053 M 05:30p-08:20p Casey R GYM-2
9145 MWF 01:00p-02:50p Severo S GYM-2
Section 9145 is held from 03/20/17 to 05/26/17.

**LIVINGSTON**
7003 Th 05:30p-08:20p Huddleston A LVN-902
Section 7003 is held at Livingston High School; 1617 Main Street, Livingston.

**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**
1997 TTh 12:30p-01:45p Severo S GYM-2
This course provides an extensive survey of United States history from the period of prehistoric times to the present, with emphasis on China's cultural achievements and contributions to both Eastern and Western civilizations.

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.

This is an extensive survey course of United States history from the period of exploration to the Reconstruction Period. The course covers the social, political, economic, and constitutional development of the nation.

This course is a continuation of HIST-17A from the end of the Reconstruction Period in 1877 to the present. It examines national, state, and local history from the late 19th century to the present.

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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. Emphasis will be placed upon the exploration, settlement, and ideology of Hispanics throughout the U.S.

MERCED
6120 TTh 05:30p-06:45p Cowell D AHC-129

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.

MERCED
1700 MWF 09:00a-09:50a Harvey E VOC-8

MARIPOSA
7804 T 06:30p-09:20p Roberts K MAR-59
Section 7804 is held at Mariposa High School; 5074 Old Highway North, Mariposa.

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; use of the most frequent words in Hmong; basic sentences in conversation; reading and mastery of verb forms; practical vocabulary through conversation and practice in class and at home; elementary composition.

MERCED
6090 MW 05:30p-07:45p Ly C IAC-106

HMNG-02 ELEMENTARY HMONG II
(CSU breadth area C2) (IGETC area 3B/6)
5 units: 5 hours lecture.
Prerequisite: HMNG-01.
This course is for the continuation of HMNG-01. The focus will be on further development of listening, speaking, reading and writing in a cultural context. There will be extensive use of Hmong grammar, written composition and oral communication.

MERCED
1162 MW 02:00p-04:15p Ly C ART-7

HONORS (HNRS)

HNRS-40B HONORS SEMINAR: NATIVE AMERICAN PHILOSOPHY
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 Native American philosophy, politics, and music.

MERCED
1426 T 02:00p-03:50p Hallman M ART-7

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. This course provides an overview of the social work profession and the social welfare system within which it operates, including federal, state, and county organizations.

MERCED
1821 TTh 09:30a-10:45a Saich E VOC-9

HMSV-22 SURVEY AND UTILIZATION OF COMMUNITY RESOURCES
3 units: 3 hours lecture.
Advisories: ENGL-01A.
This course is designed to introduce students who are seeking careers in Human Services to community resources that facilitate the helping process.

MERCED
6239 Th 07:00p-09:50p Richardson C IAC-109

HMSV-43 ETHICS IN COUNSELING
3 units: 3 hours lecture.
Advisories: ENGL-85.
This course focuses on professional responsibilities in the field of human services. Awareness of state and federal laws and regulations, and the codes of conduct governing counseling in the human services are examined.

MERCED
6091 T 07:00p-09:50p Riley J IAC-121

HMSV-44 LEADERSHIP AND COUNSELING IN GROUPS
3 units: 3 hours lecture.
Advisories: ENGL-85.
This course is an introduction to the dynamics of group counseling. The group will study itself (under supervision) and learn various leadership skills.

MERCED
6198 W 07:00p-09:50p Holmes D AHC-129

HUMANITIES (HUM)

HUM-02 STUDIES IN HUMANITIES -- RENAISSANCE TO PRESENT
(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 the Renaissance to the present. Students will examine the continuities of human endeavors through fine arts, literatures, philosophies, religions, and the sciences, with an integration of certain non-Western cultures.

MERCED
1505 TTh 12:30p-01:45p Law K IAC-109

LOS BANOS
4526 F 09:00a-11:50a Friaz R LB-B-106

HUM-02H HONORS STUDIES IN HUMANITIES -- RENAISSANCE TO PRESENT
(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 endeavors from the Renaissance to the present. Students will examine developments in the fine arts, literature, philosophy, religion, and the sciences from a variety of cultures, both Western and non-Western.

MERCED
1977 TTh 12:30p-01:45p Law K IAC-109
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  
1428  TTh  09:30a-10:45a  Hallman M,  IAC-145  
&  Pimentel M & Lor S  

HUM-21 HUMANITIES AND FILM  
(CSU breadth area C2)  (IGETC area 3A)  
3 units: 2 hours lecture, 3 hours lab.  
Prerequisite: ENGL-85.  
This course is an introduction to the humanities through the study of film. Film criticism will be combined with the analysis of philosophic, literary, and/or artistic themes. Feature-length films will be screened.  
MERCED  
1250  WC  MW  12:00p-12:50p  Barba M,  VOC-10  
& F  12:00p-02:50p  Barba M,  LESH-111  

INDUSTRIAL TECHNOLOGY (INDT)  
INDT-10 AGRICULTURAL AND INDUSTRIAL TECHNICAL SKILLS  
(ALSO: MECH-10)  
3 units: 2 hours lecture, 3 hours lab.  
Advisories: ENGL-85; MATH-80.  
This course provides an introduction to basic technical skills required throughout the industrial areas.  
MERCED  
6030  WC  M  05:10p-10:00p  Fishman D,  MA-1  

INDT-35 ELECTRICAL WIRING: RESIDENTIAL AND INDUSTRIAL  
3 units: 2 hours lecture, 3 hours lab.  
Advisory: READ-81; ENGL-84; MATH-80 or MATH-85.  
This course covers basic residential and industrial theory. Topics include electrical theory, wiring in accordance with the latest version of the National Electrical Code.  
MERCED  
6153  WC  W  05:10p-10:00p  Hamilton A,  IT-3  
9006  WC  MTWTh  08:00a-09:10a  Hamilton A,  IT-3  
& MTWTh  09:11a-11:20a  Hamilton A,  IT-3  
Section 9006 is held from 01/17/17 to 03/02/17.  
This is a Learning Community course which requires registration in: ELCT-53A-9005, ELCT-56-9007, INDT-35-9006, AND INDT-41-9008.  
9288  WC  MTWTh  08:00a-09:10a  Hamilton A,  IT-3  
& MTWTh  09:11a-11:20a  Hamilton A,  IT-3  
Section 9288 is held from 01/17/17 to 03/02/17.  

INDT-41 INDUSTRIAL POWER TRANSMISSION  
3 units: 2 hours lecture, 3 hours lab.  
Advisories: ENGL-85; MATH-80 or MATH-85.  
This course covers industrial power transmission systems. The components studied are gear reduction, torque multiplication, direct drive, belt drive, chain drive, bearings, seals, and related components.  
MERCED  
9008  WC  MTWTh  01:00p-02:15p  Nagano J,  IT-3  
& MTWTh  02:16p-04:30p  Nagano J,  IT-3  
&  LC  Section 9008 is held from 03/06/17 to 04/13/17.  
This is a Learning Community course which requires registration in: ELCT-53A-9005, ELCT-56-9007, INDT-35-9006, AND INDT-41-9008.  
9289  WC  MTWTh  01:00p-02:15p  Nagano J,  IT-3  
& MTWTh  02:16p-04:30p  Nagano J,  IT-3  
Section 9289 is held from 03/06/17 to 04/13/17.  

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. An overview of the importance of the sub-disciplines in kinesiology will be discussed. Career opportunities in the areas of teaching, coaching, allied health, and fitness professions.  
MERCED  
1401  MWF  08:00a-08:50a  McCall S,  ART-7  

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. The student will learn to assess a victim’s condition and incorporate proper treatment. Standard first aid, CPR for the professional rescuer, and AED certification(s) can be granted upon successful completion of requirements.  
MERCED  
1398  MWF  09:00a-09:50a  McCall S,  IAC-106  

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. Students will learn how to express in Japanese the most basic functions of everyday life.  
MERCED  
1501  F  01:00p-03:15p  Johno I,  IAC-121  

JPNS-01B ELEMENTARY JAPANESE  
(CSU breadth area C2)  
2.5 units: 2.5 hours lecture.  
Prerequisite: JPNS-01A.  
This course will continue to focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency. Students will learn how to express in Japanese the most basic functions of everyday life.  
MERCED  
1794  Th  03:45p-06:00p  Johno I,  ART-7  

KINESIOLOGY (KINE)  

CLASSES • 35
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
1646 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
1635 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.

6334 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
1636 TTh 03:30p-04:45p Casey R ATHL-PF1

KINE-23 LIFEGUARD TRAINING
2 units: 1.5 hours lecture, 1.5 hours lab.
Limitation on Enrollment: Students must pass American Red Cross lifeguarding prerequisite skills. Advisory: KINE-24B.
Upon completion of the course students can earn certification through the American Red Cross in lifeguard training, first aid, Title 22, and CPR/AED for the professional rescuer.

MERCED
1946 TTh 09:30a-10:45a McCall S AG-10

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
9128 MWF 10:00a-11:35a McCaff S POOL
Section 9128 is held from 03/13/17 to 05/26/17.

KINE-24B TECHNIQUES AND STROKE DEVELOPMENT FOR SWIMMING
1 unit: 3 hours lab.
Advisory: KINE-24A.
This course is designed for the intermediate swimmer. Emphasis is placed on technique and stroke development of the front crawl, elementary backstroke, and side stroke. Back crawl, breaststroke, butterfly, turns, dives, and fitness and training concepts will also be introduced.

MERCED
1639 MWF 11:00a-11:50a Staff POOL
Section 1639 Lab requires pool participation.

KINE-24C SWIMMING FOR FITNESS
1 unit: 3 hours lab.
Advisory: KINE-24B.
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 the competitive swimming strokes, turns, starts, and principles of training.

MERCED
1640 TTh 11:00a-12:15p Staff POOL

KINE-30 GROUP EXERCISE (Aerobics or Yoga/Pilates)
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
1989 MWF 10:00a-10:50a Cruz O GYM-4

LOS BANOS
4656 MW 12:30p-01:45p Mendes D LBPC
Section 4656 is located at Positive Changes; 1001 6th Street; Los Banos.

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.

MERCED
1515 MWF 08:00a-08:50a Russell W GYM-5
1516 MWF 11:00a-11:50a Botsford S GYM-5
6012 MW 05:30p-06:45p Kelly P GYM-5
6061 TTh 05:30p-06:45p Staff GYM-5

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.

MERCED
1520 MWF 09:00a-09:50a Huddleston A GYM-5
1521 MWF 10:00a-10:50a Botsford S GYM-5
1522 MWF 12:00p-12:50p Botsford S GYM-5
1523 MWF 01:00p-01:50p Cruz O GYM-5
1524 MWF 02:00p-02:50p Kelly P GYM-5
1655 MW 03:00p-03:50p Staff GYM-5
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.

MERCED
1866 MWF 08:00a-08:50a Huddleston A FHA
1071 MWF 10:00a-10:50a Russell W FHA
1081 MWF 11:00a-11:50a Kelly P FHA
1085 MWF 12:00p-12:50p Cruz O FHA
1955 MWF 01:00p-01:50p Kelly P FHA
1125 TTh 09:30a-10:45a Serna R FHA
1127 TTh 11:00a-12:15p Severo S FHA
1992 TTh 12:30p-01:45p Casey R FHA

LOS BANOS
8658 TTh 06:00p-07:15p Toscano D LBHS
Section 8658 is located at Los Banos High School; 1966 11th St; Room 502; Los Banos.

KINE-35 FLEXIBILITY AND CARDIOVASCULAR FITNESS
2 units: 8 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.

ONLINE/HYBRID
2309 ONLINE Pedretti C
CONTACT: pedretti.c@mccd.edu
2323 ONLINE Pedretti C
CONTACT: pedretti.c@mccd.edu
2339 ONLINE Devine N
CONTACT: devine.n@mccd.edu

KINE-42 GOLF
1 unit: 3 hours lab.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity. Through lecture, demonstration, video tapes, and drills, the basic principles of the golf swing will be studied and analyzed.

MERCED
1468 MWF 09:00a-10:50a Devine N GYM-F

LANDSCAPE HORTICULTURE (LAND)
LAND-14 LANDSCAPE CONSTRUCTION AND INSTALLATION
3 units: 2 hours lecture, 3 hours lab. This course covers the fundamentals of landscape construction including soil preparation, paving and construction materials, hand and power tool use, turf and plant installation, plan reading, estimating and bid preparation.

Section 9121 is held from 01/17/17 to 03/16/17.

LAND-50 RESIDENTIAL GARDENING
3 units: 3 hours lecture. Advisory: ENGL-85. This course teaches the basic needs in residential gardening. Included in this course are plant identification, basic landscape design, sprinkler installation and care, fumigation and lawn installation, pruning, pest and disease recognition and control, soils, fertilization, and weed control. Also included will be foliage plant care for interiors. This course may be repeated three times.

MERCE
9185 WC TTh 02:00p-04:50p Tassey B PS-2
Section 9185 is held from 03/21/17 to 05/25/17.

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.

MERCE
1587 TTh 08:00a-09:15a Ryan A VOC-114
1061 TTh 03:30p-04:45p Ryan A VOC-115

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.

MERCE
6168 Th 05:30p-07:20p Acheson D IAC-123
Section 6168 requires 3 additional hours lab per week.
Section 6168 requires a mandatory orientation: January 20, 2017; 04:00p-05:00p: LESH-111. Students are required to purchase a Liberal Studies Handbook.

LBST-20 INTRODUCTION TO EDUCATION II
3 units: 2 hours lecture, 3 hours lab. Limitation on enrollment: Students must obtain a fingerprint clearance and a negative TB clearance. Prerequisite: LBST-10. Students are provided additional opportunities to explore the teaching profession and how their personalities will fit with their career choice. Students will observe students and teachers in 4-8 Math and Science classroom environments and share observations with faculty and peers in weekly meetings to note differences in students, teaching/learning styles, and their personal reactions to the classroom setting.

ONLINE/HYBRID
2380 ONLINE Pimentel M
Section 2380 requires 3 additional hours lab per week.
CONTACT: Pimentel.m@mccd.edu
Section 2380 requires a mandatory orientation - January 20th, 2017; 04:00p-05:00p: LESH-111. 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.

MERCE
6250 W 05:30p-07:20p Acheson D VOC-139
Section 6250 requires 3 additional hours lab per week. Students are required to purchase a Liberal Studies Handbook. Section 2380 requires a mandatory orientation - January 20th, 2017; 04:00p-05:00p: LESH-111.

LC-Learning Community class. See page 55 for details.
$-Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.
WC - Web Component which will require you to have internet access.

SUPPLEMENTAL INSTRUCTION class. See page 81 for details. • CLASSES • 37
LBST-30 CHILDREN'S LITERATURE
3 units: 3 hours lecture.
Prerequisite: ENGL-01A.
This course is designed for prospective and current teachers who wish to acquire in-depth knowledge about the selection and use of children's literature in the K-8 classroom.

ONLINE/HYBRID
2338 ONLINE Pimentel M
CONTACT: myshel.pimentel@mccd.edu
IN-CLASS SESSIONS: January 25th, March 15th, April 19th, May 17th; 08:30-07:50pm; IAC-123. 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.

MANAGEMENT (MGMT)

MGMT-32 HUMAN RESOURCE MANAGEMENT
3 units: 3 hours lecture.
Advisory: CPSC-30; ENGL-85.
This course involves the study of the principles and methods involved in effective human resource utilization in organizations.

MERCED
1969 MW 11:00a-12:15p Casey R VOC-38

MGMT-34 EMPLOYMENT LAW
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course is designed to give the student an understanding of employment law. The student will have an opportunity, via simulations, case presentations, case analysis and classroom discussions to understand and analyze the legal decisions forming the basis of employment law and its effect on today's workplace and workforce.

MERCED
6042 M 05:30p-08:20p Zdanowski M AHC-125

THE MANAGEMENT SERIES AT THE BUSINESS RESOURCE CENTER:

MGMT-50A CHALLENGES OF LEADERSHIP: DIFFICULT PEOPLE/TOUGH CONVERSATIONS
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to equip the participant with skills needed to deal with the various challenges of leading people. Pass/No Pass only.

MERCED
9701 W 01:00p-05:15p Pistersori J BRC-122
Section 9701 is held 03/08/17 and 03/15/17.
9159 Th 08:00a-12:15p Pistersori J BRC-122
Section 9159 is held 03/08/17 and 03/15/17.
9160 Th 01:00p-05:15p Pistersori J BRC-122
Section 9160 is held 03/08/17 and 03/15/17.

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
9153 Th 08:00a-12:15p Zdanowski M BRC-122
Section 9153 is held 05/18/17 and 05/25/17.
9154 Th 01:00p-05:15p Zdanowski M BRC-122
Section 9154 is held 05/18/17 and 05/25/17.

MGMT-50D COMMUNICATION IN THE WORKPLACE
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
9155 Th 08:00a-12:15p Pistersori J BRC-122
Section 9155 is held 01/19/17 and 01/26/17.
9156 Th 01:00p-05:15p Pistersori J BRC-122
Section 9156 is held 01/19/17 and 01/26/17.

MGMT-50F TEAM BUILDING
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to provide the student with an understanding of how teams work together, common problems teams encounter, and how to solve them. Pass/No Pass only.

MERCED
9157 Th 08:00a-12:15p Pistersori J BRC-122
Section 9157 is held 03/23/17 and 03/30/17.
9158 Th 01:00p-05:15p Pistersori J BRC-122
Section 9158 is held 03/23/17 and 03/30/17.

MGMT-50H CUSTOMER SERVICE
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to provide the student with certain key skills and attitudes in order to effectively meet the needs of customers. Pass/No Pass only.

MERCED
9302 Th 08:00a-12:15p Pistersori J BRC-122
Section 9302 is held 02/09/17 and 02/23/17.
9303 Th 01:00p-05:15p Pistersori J BRC-122
Section 9303 is held 02/09/17 and 02/23/17.

MGMT-50I ATTITUDE IN THE WORKPLACE
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
9161 Th 08:00a-12:15p Pistersori J BRC-122
Section 9161 is held 04/13/17 and 04/27/17.
9162 Th 01:00p-05:15p Pistersori J BRC-122
Section 9162 is held 04/13/17 and 04/27/17.

MGMT-50K GENERATIONAL DIVERSITY: MANAGING CROSS GENERATIONAL TEAMS
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
America has multiple generations working side by side in the workplace. This course is designed to equip students with knowledge and skills to work with and lead cross-generational teams. Pass/No Pass only.

MERCED
9700 W 01:00p-05:15p Pistersori P BRC-122
Section 9700 is held 02/09/17 and 02/16/17.
9300 Th 08:00a-12:15p Pistersori P BRC-121
Section 9300 is held 02/09/17 and 02/16/17.
9301 Th 01:00p-05:15p Pistersori P BRC-121
Section 9301 is held 02/09/17 and 02/16/17.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
<th>Course Title</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
<th>Admissions</th>
<th>Notes</th>
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<tbody>
<tr>
<td>MGMT-50L</td>
<td>9703</td>
<td>AUTHENTIC LEADERSHIP: KNOW YOURSELF/LEAD YOUR PEOPLE</td>
<td>W</td>
<td>01:00p-05:15p</td>
<td>Pistoresi J</td>
<td>BRC-122</td>
<td>READ-81, ENGL-84</td>
<td>0.5 unit: 0.5 hour lecture.</td>
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<tr>
<td>MGMT-50P</td>
<td>9702</td>
<td>EMOTIONAL INTELLIGENCE</td>
<td>W</td>
<td>01:00p-05:15p</td>
<td>Pistoresi P</td>
<td>BRC-122</td>
<td>READ-81, ENGL-84</td>
<td>0.5 unit: 0.5 hour lecture.</td>
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<td>9266</td>
<td></td>
<td>Th</td>
<td>08:00a-12:15p</td>
<td>Pistoresi J</td>
<td>BRC-122</td>
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<tr>
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<td>9267</td>
<td></td>
<td>Th</td>
<td>08:00a-12:15p</td>
<td>Pistoresi J</td>
<td>BRC-122</td>
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**THE MANAGEMENT SERIES AT THE LOS BANOS CAMPUS**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
<th>Course Title</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
<th>Admissions</th>
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<td>MGMT-50D</td>
<td>9793</td>
<td>COMMUNICATION IN THE WORKPLACE</td>
<td>W</td>
<td>08:00a-12:15p</td>
<td>Staff</td>
<td>LB-B-101</td>
<td>READ-81, ENGL-84</td>
<td>0.5 unit: 0.5 hour lecture.</td>
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<td>9790</td>
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<td>W</td>
<td>08:00a-12:15p</td>
<td>Staff</td>
<td>LB-B-101</td>
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<tr>
<td>MGMT-50H</td>
<td>9791</td>
<td>CUSTOMER SERVICE</td>
<td>W</td>
<td>08:00a-12:15p</td>
<td>Staff</td>
<td>LB-B-101</td>
<td>READ-81, ENGL-84</td>
<td>0.5 unit: 0.5 hour lecture.</td>
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<tr>
<td></td>
<td>9792</td>
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<td>W</td>
<td>08:00a-12:15p</td>
<td>Staff</td>
<td>LB-B-101</td>
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</table>

**THE EVENING MANAGEMENT SERIES:**

12345 indicates sequence in which courses should be taken.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
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<th>Instructor</th>
<th>Location</th>
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<tr>
<td>MGMT-52D</td>
<td>9903</td>
<td>MANAGING ORGANIZATIONAL CHANGE</td>
<td>W</td>
<td>08:00a-12:15p</td>
<td>Lacey E</td>
<td>LB-B-101</td>
<td>READ-81, ENGL-84</td>
<td>0.5 unit: 0.5 hour lecture.</td>
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<tr>
<td>MGMT-50H</td>
<td>9150</td>
<td>CUSTOMER SERVICE</td>
<td>T</td>
<td>05:30p-08:20p</td>
<td>Pistoresi J</td>
<td>AHC-125</td>
<td>READ-81, ENGL-84</td>
<td>0.5 unit: 0.5 hour lecture.</td>
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<tr>
<td>MGMT-50B</td>
<td>9148</td>
<td>VALUES AND ETHICS</td>
<td>T</td>
<td>05:30p-08:20p</td>
<td>Zdanowski M</td>
<td>AHC-125</td>
<td>READ-81, ENGL-84</td>
<td>0.5 unit: 0.5 hour lecture.</td>
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<tr>
<td>MGMT-50F</td>
<td>9151</td>
<td>TEAM BUILDING</td>
<td>T</td>
<td>05:30p-08:20p</td>
<td>Pistoresi J</td>
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<td>READ-81, ENGL-84</td>
<td>0.5 unit: 0.5 hour lecture.</td>
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<td>9149</td>
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<td>T</td>
<td>05:30p-08:20p</td>
<td>Pistoresi J</td>
<td>AHC-125</td>
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**THE EVENING MANAGEMENT SERIES:**

12345 indicates sequence in which courses should be taken.

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<tbody>
<tr>
<td>MGMT-50I</td>
<td>9791</td>
<td>ATTITUDE IN THE WORKPLACE</td>
<td>W</td>
<td>08:00a-12:15p</td>
<td>Staff</td>
<td>LB-B-101</td>
<td>READ-81, ENGL-84</td>
<td>0.5 unit: 0.5 hour lecture.</td>
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<tr>
<td></td>
<td>9792</td>
<td></td>
<td>W</td>
<td>08:00a-12:15p</td>
<td>Staff</td>
<td>LB-B-101</td>
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</table>
MKTG-33 ADVERTISING
3 units: 3 hours lecture.  
Advisor: CPSC-30; ENGL-85; AOM-61.
This is an introductory course in advertising principles and techniques.

MATH-B APPLIED MATHEMATICS
5 units: 5 hours lecture.  
Prerequisite: MATH-80. Advisory: ENGL-85.
This course will explore mathematical applications from various vocational and technical areas. It will be an intensive course covering a review of pre-algebra, ratios, proportions, percents, measurements, basic algebra, plane and solid geometry.

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
2308 $ ONLINE Meidinger M  
CONTACT: meidinger.m@mccd.edu;  
IN-CLASS SESSIONS: MANDATORY - Mid-Term #1 - March 01, 2017; 12:00p-01:50p; SCI-111. MANDATORY - Mid-Term #2 - April 12, 2017; 12:00p-01:50p; SCI-111. MANDATORY - Final Exam - May 24, 2017; 12:00p-01:50p; SCI-111. MANDATORY - Mid-Term #1 - March 01, 2017; 12:00p-01:50p; SCI-111. MANDATORY - Final Exam - May 24, 2017; 12:00p-01:50p; SCI-111. MANDATORY - Mid-Term #1 - March 01, 2017; 12:00p-01:50p; SCI-111. MANDATORY - Final Exam - May 24, 2017; 12:00p-01:50p; SCI-111.
COMMENTS: Students should check their Merced College email for instructions from the instructor on or before the first day of class. An optional on-campus meeting with the instructor will be held on January 25, 2017; 12:00p-01:50p; SCI-111. Students are expected to check their college email for instructions to log into the course by January 18, 2017 or risk being withdrawn from the course.

2375 $ ONLINE Albert M  
CONTACT: maria.albert@mccd.edu;  
ORIENTATION: MANDATORY - January 17, 2017; 11:00a-12:50p; SCI-207.  
IN-CLASS SESSIONS: MANDATORY - Mid-Term #1 - March 21, 2017; 11:00a-12:50p; SCI-207. MANDATORY - Mid-Term #2 - April 20, 2017; 11:00a-12:50p; SCI-207. MANDATORY - Final Exam - May 23, 2017; 11:00a-12:50p; SCI-207.陳  
COMMENTS: Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students.

2376 $ ONLINE Diaz L  
CONTACT: lisa.diaz@mccd.edu;  
ORIENTATION: MANDATORY - January 17, 2017; 03:00p-04:50p; SCI-203.  
IN-CLASS SESSIONS: MANDATORY - Mid-Term #1 - February 27, 2017; 03:00p-04:50p; SCI-203. MANDATORY - Mid-Term #2 - April 10, 2017; 03:00p-04:50p; SCI-203. MANDATORY - Final Exam - May 22, 2017; 03:00p-04:50p; SCI-203.  
COMMENTS: 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
2313 $ ONLINE Meidinger M
CONTACT: meidinger.m@mccd.edu
Lecture: MANDATORY - Tuesdays from 08:00-09:50a in IAC-142. Two hours of lecture online per week.
COMMENTS: Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students.

MERCED
1512 MWF 07:45a-08:50a Sutterfield M SCI-203
1334 MTWTh 02:00p-02:50p Sutterfield M SCI-207
1248 $ MTWTh 03:00p-03:50p Navarro I IAC-143
1489 MTWF 01:00p-01:50p Sutterfield M SCI-204
6128 $ TTh 05:30p-07:20p Kaur S SCI-207

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 polar coordinates.

MERCED
1580 $ MW 02:00p-03:50p Meidinger M SCI-202
1513 $ MTWFO 08:00a-08:50a Bruley M SCI-208
6282 $ MW 05:30p-07:20p Hogan G SCI-207

MATH-04C MULTIVARIABLE CALCULUS
(C-ID MATH 230) (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
1491 MWF 07:45a-08:50a Power D VOC-112
1926 $ TTh 02:00p-03:50p Mitchell P VOC-140

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
1493 MWF 11:00a-11:50a Navarro I SCI-203

MATH-07 DISCRETE STRUCTURES (ALSO: CPSC-07)
(C-ID MATH 160) (CSU breadth area B4)
3 units: 2.5 hours lecture, 1.5 lab hours.
Prerequisite: CPSC-06 or ENGR-14 or CPSC-14; MATH-04A. This course is an introduction to the discrete structures used in Computer Science with an emphasis on their applications.

MERCED
1263 WC TTh 01:00p-02:50p Hogan G/Kanemoto K VOC-113

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
1453 MWF 11:00a-11:50a Hogan G SCI-204

MATH-10 ELEMENTARY STATISTICS
(C-ID MATH 110) (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
2325 $ ONLINE Clark J
CONTACT: clark.j@mccd.edu; (209) 384-6331
ORIENTATION: MANDATORY - January 18, 2017; 03:00p-04:50p; SCI-203.
IN-CLASS SESSIONS: MANDATORY - Mid-term - March 22, 2017; 03:00p-04:50p; SCI-203. MANDATORY - Final Exam - May 24, 2017; 04:00p-05:50p; SCI-203.
COMMENTS: Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students.

MERCED
1467 Sat 09:00a-11:50a Brooke B SCI-202
1083 $ SI MWF 08:00a-08:50a Diaz L SCI-204
1497 MWF 09:00a-09:50a Clark J SCI-202
1226 $ MWF 10:00a-10:50a Bruley M VOC-140
1792 MWF 10:00a-10:50a Saad B SCI-203
1498 MWF 12:00p-12:50p Saad B SCI-207
1783 $ MW 02:00p-03:15p Montoya J SCI-111
1495 TTh 08:00a-09:15a Clark J SCI-207
1121 $ TTh 11:00a-12:15p Tenn B SCI-208
1744 TTh 02:00p-03:15p Malekzadeh B SCI-208
6283 MW 05:30p-06:45p Navares D SCI-203
6040 TTh 05:30p-06:45p Brooke B VOC-112
6284 TTh 07:00p-08:15p Brooke B SCI-203

LOS BANOS
4586 MW 09:30a-10:45a Schumaker N LB-B-107
4588 TTh 12:30p-01:45p Schlinger C LB-B-110

MATH-15 FINITE MATHEMATICS
(C-ID MATH 130) (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
1503 MWF 11:00a-11:50a Clark J VOC-112
6001 MW 07:00p-08:15p Navares D SCI-208

LOS BANOS
4592 TTh 08:00a-09:15a Schlinger C LB-B-134
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
1504 $ MWF 10:00a-10:50a Rieg K SCI-204
6123 M 06:30p-09:20p Mohan R SCI-202

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
6539 MW 07:00p-08:15p Reali J SCI-203

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
2305 $ ONLINE Mitchell P
CONTACT: patrick.mitchell@mccd.edu
ORIENTATION: MANDATORY - January 17, 2017;
03:30p-05:20p; SCI-208.
IN-CLASS SESSIONS: MANDATORY - Mid-term - March 14, 2017;
03:30p-05:20p; SCI-208. MANDATORY - Final Exam - May 23, 2017;
03:00p-04:50p; SCI-208.
COMMENTS: Students who do not attend the mandatory
orientation will be dropped in favor of waitlisted students.

MATH-80 PREALGEBRA
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
2320 $ ONLINE Albert M
CONTACT: maria.albert@mccd.edu
ORIENTATION: MANDATORY: January 19, 2017;
09:00a-10:50a; VOC-140.
IN-CLASS SESSIONS: MANDATORY - Mid-term - March 23, 2017;
09:00a-10:50a; VOC-140. MANDATORY - Final Exam - May 25, 2017;
09:00a-10:50a; VOC-140.
COMMENTS: Students who do not attend the mandatory
orientation will be dropped in favor of waitlisted students.

MERCED
1745 $ MWF 08:00a-08:50a Navarro I SCI-202
1230 $ MWF 12:00p-12:50p Rieg K SCI-208
6423 TTh 05:30p-06:45p Malekzadeh B SCI-203
9137 $ MWF 09:00a-10:50a Sutterfield M SCI-208
Section 9137 is held from 01/18/17 to 03/17/17.
Section 9137 requires students to register for MATH-91-9138.

LOS BANOS
4596 MW 02:00p-03:15p Kim T LB-B-110

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.
This is a college level course in algebra for majors in the Liberal Arts. The course will cover topics on functions, including polynomial, rational, radical, exponential, absolute value, and logarithmic functions.

MERCED
1510 $ MWF 09:00a-09:50a Navarro I 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**

<table>
<thead>
<tr>
<th>Code</th>
<th>Session Time</th>
<th>Instructor</th>
<th>Classroom</th>
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<tbody>
<tr>
<td>2371</td>
<td>ONLINE</td>
<td>Dawson C</td>
<td>SCI-111</td>
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<td></td>
<td></td>
<td>CONTACT: <a href="mailto:dawson.c@mccd.edu">dawson.c@mccd.edu</a></td>
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<td>Orientation: MANDATORY - January 19, 2017; 02:00p-03:50p; SCI-111.</td>
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<td>IN-CLASS SESSIONS: MANDATORY - Mid-term #1 - March 02, 2017; 02:00p-03:50p; SCI-111. MANDATORY - Mid-term #2 - April 06, 2017; 02:00p-03:50p; SCI-111. MANDATORY - Final Exam - May 25, 2017; 01:00p-02:50p; SCI-111.</td>
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</tr>
</tbody>
</table>

### MATH-85 CAREER TECHNICAL EDUCATION MATH

3 units; 2 hours lecture, 3 hours lab.
Advisory: MATH-90.

This course is designed to help students improve their basic math skills and teach how to apply math to a variety of Career Technical Education courses including welding, electronics, and agriculture.

**MERCED**

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<th>Code</th>
<th>Session Time</th>
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<th>Classroom</th>
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<tbody>
<tr>
<td>1268</td>
<td>MW</td>
<td>07:00a-07:50a</td>
<td>Meidinger S</td>
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<tr>
<td></td>
<td></td>
<td>&amp; TTh</td>
<td>07:00a-08:15a</td>
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</table>

### 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.

**MERCED**

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<th>Code</th>
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<tr>
<td>1539</td>
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<tr>
<td>1538</td>
<td>MWF</td>
<td>01:00p-01:50p</td>
<td>Saad B</td>
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<tr>
<td>6443</td>
<td>TTh</td>
<td>07:00p-08:15p</td>
<td>Staff</td>
</tr>
<tr>
<td>9130</td>
<td>MWF</td>
<td>10:00a-11:50a</td>
<td>Bell S</td>
</tr>
</tbody>
</table>

Section 9130 is held from 01/18/17 to 03/17/17.
Section 9130 requires students to register for MATH-91-9131.

### MECHANIZED AGRICULTURE & DIESEL EQUIPMENT MECHANICS (MECH)

**MECH-10 AGRICULTURAL AND INDUSTRIAL TECHNICAL SKILLS (ALSO: INDT-10)**

3 units; 2 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-80.

This course provides an introduction to basic technical skills required throughout the industrial areas.

**MERCED**

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<tbody>
<tr>
<td>6057</td>
<td>W</td>
<td>05:10p-10:00p</td>
<td>Fishman D</td>
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</table>

### MECH-13 AGRICULTURE EQUIPMENT - SPRING

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 during the spring production season, with emphasis on primary and secondary tillage, planting, chemical application, and harvesting equipment.

**MERCED**

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<th>Code</th>
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<tr>
<td>1206</td>
<td>WC</td>
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<td>Donovan T</td>
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</tbody>
</table>

### MATH-91 FUNDAMENTALS OF DECIMALS AND FRACTIONS

3 units; 3 hours lecture.
Prerequisite: MATH-90. Advisories: READ-80.

This course begins with a short review of the whole number system using basic computational skills.

**MERCED**

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<th>Code</th>
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<tr>
<td>1540</td>
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<td>1543</td>
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<td>12:00p-12:50p</td>
<td>Bell S</td>
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<tr>
<td>1546</td>
<td>TTh</td>
<td>09:30a-10:45a</td>
<td>Linebaugh B</td>
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<td>6290</td>
<td>W</td>
<td>07:00p-09:50p</td>
<td>Mohan R</td>
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<td>9068</td>
<td>MWF</td>
<td>08:00a-09:50a</td>
<td>Reali J</td>
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Section 9068 is held from 01/18/17 to 03/17/17.
Section 9068 requires students to register for MATH-80-9069.
Section 9131 is held from 03/20/17 to 05/26/17.
Section 9131 requires students to register for MATH-90-9130.

### LOS BANOS

Los Banos

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<th>Code</th>
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<tr>
<td>4602</td>
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<tr>
<td>4616</td>
<td>MW</td>
<td>02:00p-03:15p</td>
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</tr>
</tbody>
</table>

## Contact Information

- **WWW.MCCD.EDU**
- **SPRING 2017**
- **LC-Learning Community class.** See page 55 for details.
- **$**Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.
- **WC - Web Component which will require you to have internet access.**
- **Si-Supplemental Instruction class.** See page 81 for details.
MECH-23 DIESEL FUEL SYSTEMS DIAGNOSTICS
2 units: 1 hour lecture, 3 hours lab.
Advisories: ENGL-85; MATH-80.
This course includes the study of common types of diesel fuel injection systems.

MECH-24 POWER TRAINS
4 units: 2 hours lecture, 6 hours lab.
Advisories: ENGL-85; MATH-80.
This course is a study of the function and repair of a power train from the clutch through the final drive.

MECH-27 APPLIED DIESEL TECHNICAL SKILLS
2 units: 1 hours lecture, 3 hours lab.
Prerequisite: MECH-22A. Advisory: ENGL-85; MATH-85.
This course includes applied skill in the service and repair of diesel engines and their sub-systems.

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 safety rules and laws that apply to agriculture equipment will be stressed.

MECH-32 APPLIED ELECTRICAL AND HYDRAULIC SERVICE
3 units: 2 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-80; MECH-21, MECH-26.
This course is designed to give the student knowledge and competencies in modern cab and chassis electrical, electronic, electron hydraulic, and hydraulic systems.

MECH-35 COMPACT POWER EQUIPMENT
3 units: 2 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-80; MECH-15.
This is a study in basic principles of modern small equipment and engines and explores design, operation, and proper maintenance of equipment and current compact engines approved by the California Air Resources Board.

MECH-51 TRUCK BRAKE AND CHASSIS
4 units: 2 hours lecture, 6 hours lab.
Advisories: ENGL-85; MATH-85.
This course is designed to give the student knowledge and competencies in modern truck and bus mechanics. It includes a study of the running gear, tires, wheels, brakes, electrical systems wiring, services, maintenance, and safety inspection.

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. It requires one lesson per week with a private instructor approved by the music department faculty. A minimum of 15 lessons must be verified. A jury examination by the music department faculty is required at the conclusion of the course. This course can be repeated three times.

MECH-23 DIESEL FUEL SYSTEMS DIAGNOSTICS
2 units: 1 hour lecture, 3 hours lab.
Advisories: ENGL-85; MATH-80.
This course includes the study of common types of diesel fuel injection systems.

MECH-24 POWER TRAINS
4 units: 2 hours lecture, 6 hours lab.
Advisories: ENGL-85; MATH-80.
This course is a study of the function and repair of a power train from the clutch through the final drive.

MECH-27 APPLIED DIESEL TECHNICAL SKILLS
2 units: 1 hours lecture, 3 hours lab.
Prerequisite: MECH-22A. Advisory: ENGL-85; MATH-85.
This course includes applied skill in the service and repair of diesel engines and their sub-systems.

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 safety rules and laws that apply to agriculture equipment will be stressed.

MECH-32 APPLIED ELECTRICAL AND HYDRAULIC SERVICE
3 units: 2 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-80; MECH-21, MECH-26.
This course is designed to give the student knowledge and competencies in modern cab and chassis electrical, electronic, electron hydraulic, and hydraulic systems.

MECH-35 COMPACT POWER EQUIPMENT
3 units: 2 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-80; MECH-15.
This is a study in basic principles of modern small equipment and engines and explores design, operation, and proper maintenance of equipment and current compact engines approved by the California Air Resources Board.

MECH-51 TRUCK BRAKE AND CHASSIS
4 units: 2 hours lecture, 6 hours lab.
Advisories: ENGL-85; MATH-85.
This course is designed to give the student knowledge and competencies in modern truck and bus mechanics. It includes a study of the running gear, tires, wheels, brakes, electrical systems wiring, services, maintenance, and safety inspection.

MECH-23 DIESEL FUEL SYSTEMS DIAGNOSTICS
2 units: 1 hour lecture, 3 hours lab.
Advisories: ENGL-85; MATH-80.
This course includes the study of common types of diesel fuel injection systems.

MECH-24 POWER TRAINS
4 units: 2 hours lecture, 6 hours lab.
Advisories: ENGL-85; MATH-80.
This course is a study of the function and repair of a power train from the clutch through the final drive.

MECH-27 APPLIED DIESEL TECHNICAL SKILLS
2 units: 1 hours lecture, 3 hours lab.
Prerequisite: MECH-22A. Advisory: ENGL-85; MATH-85.
This course includes applied skill in the service and repair of diesel engines and their sub-systems.

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 safety rules and laws that apply to agriculture equipment will be stressed.

MECH-32 APPLIED ELECTRICAL AND HYDRAULIC SERVICE
3 units: 2 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-80; MECH-21, MECH-26.
This course is designed to give the student knowledge and competencies in modern cab and chassis electrical, electronic, electron hydraulic, and hydraulic systems.

MECH-35 COMPACT POWER EQUIPMENT
3 units: 2 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-80; MECH-15.
This is a study in basic principles of modern small equipment and engines and explores design, operation, and proper maintenance of equipment and current compact engines approved by the California Air Resources Board.

MECH-51 TRUCK BRAKE AND CHASSIS
4 units: 2 hours lecture, 6 hours lab.
Advisories: ENGL-85; MATH-85.
This course is designed to give the student knowledge and competencies in modern truck and bus mechanics. It includes a study of the running gear, tires, wheels, brakes, electrical systems wiring, services, maintenance, and safety inspection.

MUSC-20 APPLIED MUSIC
(C-ID MUS 160) .50 unit: 1.5 hours lab.
Limitation on enrollment: Students enrolling in MUSC-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. It requires one lesson per week with a private instructor approved by the music department faculty. A minimum of 15 lessons must be verified. A jury examination by the music department faculty is required at the conclusion of the course. This course can be repeated three times.
<table>
<thead>
<tr>
<th><strong>CLASS</strong></th>
<th><strong>COURSE</strong></th>
<th><strong>CREDIT</strong></th>
<th><strong>TEACHER</strong></th>
<th><strong>TIME</strong></th>
<th><strong>LOCATION</strong></th>
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<tbody>
<tr>
<td><strong>USA-21A VOICE I</strong></td>
<td>MUSE-32  VOICE II</td>
<td>3 units: 3 hours lecture.</td>
<td>1667 TTh 11:00a-12:15p</td>
<td>Walsh L</td>
<td>MUS-1</td>
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<tr>
<td><strong>MUSA-25A GUITAR I</strong></td>
<td>MUSG-44 CHORALE</td>
<td>3 units: 3 hours lecture.</td>
<td>1862 MW 11:00a-12:15p</td>
<td>Dahman N</td>
<td>MUS-2</td>
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<tbody>
<tr>
<td><strong>MUSG-12 CLASSICAL MUSIC HISTORY II</strong></td>
<td>3 units: 3 hours lecture.</td>
<td>1909 MW 11:00a-12:15p</td>
<td>Nelson C</td>
<td>MUS-2</td>
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</table>

**MUSG-25A MUSIC PREPARATION**

<table>
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<tr>
<th><strong>COURSE</strong></th>
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<tbody>
<tr>
<td><strong>MUSG-14 AMERICAN POPULAR MUSIC HISTORY</strong></td>
<td>3 units: 3 hours lecture.</td>
<td>1018 TTh 12:30p-01:45p</td>
<td>Walsh L</td>
<td>IAC-142</td>
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**LOS BANOS**

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<tbody>
<tr>
<td><strong>USA-21A VOICE I</strong></td>
<td>MUSA-26A VIOLIN I</td>
<td>3 units: 3 hours lecture.</td>
<td>1897 MW 12:30p-01:45p</td>
<td>Nelson C</td>
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<tr>
<td><strong>MUSA-25A GUITAR I</strong></td>
<td>MUSG-33 MUSIC HISTORY I</td>
<td>3 units: 3 hours lecture.</td>
<td>1862 MW 11:00a-12:15p</td>
<td>Dahman N</td>
</tr>
<tr>
<td><strong>MUSG-44 CHORALE</strong></td>
<td>1 units: 3 hours lab.</td>
<td>1909 MW 11:00a-12:15p</td>
<td>Nelson C</td>
<td>MUS-2</td>
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<td><strong>MUSG-44 CHORALE</strong></td>
<td>1 units: 3 hours lab.</td>
<td>1909 MW 11:00a-12:15p</td>
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<td><strong>MUSG-44 CHORALE</strong></td>
<td>1 units: 3 hours lab.</td>
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<tr>
<td><strong>MUSG-44 CHORALE</strong></td>
<td>1 units: 3 hours lab.</td>
<td>1909 MW 11:00a-12:15p</td>
<td>Nelson C</td>
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</tbody>
</table>
MUST-02 MUSIC THEORY II (DIATONIC HARMONY II)
3 units: 3 hours lecture.
Prerequisite: MUST-01.
This course is a continuation of MUST-01. It is the second semester of music theory studies.

MERCED
1205 TTh 09:30a-10:45a Doiel M COM-5

MUST-04 MUSIC THEORY IV (MUSIC THEORY OF THE 20TH & 21ST CENTURIES)
(C-ID MUS 150)
3 units: 3 hours lecture.
Prerequisite: MUST-03. Advisory: MUSA-27B.
This course incorporates the concepts from Music Theory III.

MERCED
1207 TTh 09:30a-10:45a Doiel M COM-5

MUST-05 AURAL SKILLS I
(C-ID MUS 125)
1 unit: .5 hour lecture, 1.5 hours lab.
Advisory: MUSG-10.
Basic drill in the singing and recognition of intervals, scales, and diatonic melodies, in treble, bass, alto, and tenor clefs.

MERCED
1877 TTh 11:00a-11:50a Doiel M COM-5

MUST-06 AURAL SKILLS II
(C-ID MUS 135)
1 unit: .5 hour lecture, 1.5 hours lab.
Prerequisite: MUST-05.
Basic drill in the singing and recognition of intervals, scales, and diatonic melodies, in treble, bass, alto, and tenor clefs.

MERCED
1878 TTh 11:00a-11:50a Doiel M COM-5

REGISTERED NURSING (REGN)
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
1752 WTh 08:00a-09:50a Schindler W AHC-128
Section 1752 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
2346 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
1754 MW 08:00a-10:15a Smith D AHC-124
Section 1754 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
1755 TTh 08:00a-10:15a Provencio G AHC-124
Section 1755 requires 270 hours by arrangement.

REGN-44 ACUTE MEDICAL/SURGICAL NURSING 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
1756 WTh 10:00a-11:50a Stearns J AHC-125
Section 1756 requires 270 hours by arrangement.

VOCATIONAL NURSING (VOCN)
VOCN-44 PRINCIPLES AND PRACTICES OF NURSING CARE II
14 units: 8 hours lecture, 18 hours TBA lab.
Limitation on enrollment: Enrollment in the Vocational Nursing Program; current CPR card; a negative TB skin test or negative chest x-ray. Prerequisite: VOCN-42. Two-way corequisite: VOCN-47C.
This course emphasizes theoretical principles of Maslow’s basic human needs of safety, hygiene, rest, activity, comfort, and self-actualization as it relates to common and complex health problems occurring in individuals of all age groups.

MERCED
1072 TW 08:00a-11:50a & T 12:30p-03:20p Alvarez C AHC-130
Section 1072 requires 270 hours 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.

MERCED
9101 F 08:00a-09:50a Brown S AHC-130
Section 9101 is held from 01/20/17 to 03/17/17.
**NUTRITION (NUTR)**

**NUTR-10 NUTRITION**

(C-ID NUTR 110) (CSU breadth area E)


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**

2349 ONLINE Hobbs J COM-2

CONTACT: jennifer.hobbs@mccd.edu.

ORIENTATION: MANDATORY - Tuesday, January 17, 2017; 04:00p-05:00p; COM-2.

2348 ONLINE Pecchenino M

CONTACT: pecchenino.m@mccd.edu.

ORIENTATION: MANDATORY: Wednesday, January 18, 2017; 04:00p-04:50p; COM-2.

**MERCED**

1020 MW 11:00a-12:15p Pecchenino M AHC-128

1770 MW 12:30p-01:45p Hobbs J VOC-37

1341 TTh 09:30a-10:45a Hobbs J AHC-123

1080 TTh 12:30p-01:45p Hobbs J AHC-124

6063 Th 05:30p-08:20p Cronk L AHC-128

**LOS BANOS**

4632 WC F 09:00a-11:50a Staff LB-B-112

**NUTR-37 NUTRITION AND FOOD SERVICE SUPERVISED FIELD EXPERIENCE**

3 units: 1 hour lecture, 6 hours lab. Limitation on enrollment: Students must provide proof of a negative TB skin test or chest x-ray within past six months, immunizations and criminal background check. Prerequisite: NUTR-44. One-way corequisites: NUTR-42, NUTR 45. Advisories: ENGL-85; MATH-91

This course is designed to help students learn problem solving and communication skills.

**MERCED**

1850 T 11:00a-12:50p Pecchenino M VOC-38

Section 1850 will meet on January 17, 24, 31, February 07, March 07, 14, April 25 and May 16, 23, 2017; VOC-38. Section 1850 is an 18 week course with 126 contact hours; 18 hours of lecture to be held on the above scheduled dates and times. The remaining hours of field experience will be arranged by the instructor and dates to be announced. Section 1850 requires a $77 fee for a current criminal background and immunization check. Proof of a current TB clearance must be presented by second week of school. For assistance to meet these requirements contact soto.m@mccd.edu (or Maria in VOC-18) for details after successful registration in the class.

**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.

**MERCED**

9062 W 05:30p-08:20p Hobbs J AHC-128

Section 9062 is held 03/20/17 to 05/05/17.

**NUTR-42 QUANTITY FOOD PREPARATION**

3 units: 2.5 hours lecture, 1.5 hours lab. One-way corequisites: NUTR-44. Advisories: ENGL-85; MATH-91.

This course addresses the preparation and service for quantity food service operations. The focus is on food production.

**MERCED**

1676 TTh 02:00p-03:50p Pecchenino M VOC-142

Section 1676 requires a $25 fee for materials.

**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. Students will explore reasons for the recent epidemic in our country and review the trends.

**MERCED**

9064 Sat 08:00a-09:20p Torres M VOC-37

Section 9064 is held from 03/18/17 to 04/01/17.

Section 9064 will meet Saturdays March 18, 25 and April 1, 2017; 08:00-09:20p; VOC-37. Section 9064 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. This includes the proper storage, preparation, and service as well as HACCP, food allergies, regulations and pest management.

**MERCED**

9065 MW 10:00a-11:50a Hobbs J AHC-124

Section 9065 is held from 01/17/17 to 03/17/17.

**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. Topics include nutrition for disease states as well as normal nutrition needs.

**ONLINE/HYBRID**

2915 ONLINE Gerling S

CONTACT: gerling.s@com-2.edu.

MANDATORY - ORIENTATION: Friday January 20, 2017; 10:00-11:50a; VOC-115. IN CLASS SESSION: Friday February 10, 2017; 10:00-11:50a; VOC-115. IN CLASS FINAL EXAM: Friday March 17, 2017; 10:00-11:50a; VOC-115.

**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.

**MERCED**

9183 TTh 05:30p-07:50p Saewert B VOC-142

Section 9183 is held from 01/17/17 to 03/17/17.

**NUTR-70H ADVANCED BAKING AND BUSINESS**

1.5 units: 1 hour lecture, 1.5 hours lab. Prerequisite: NUTR-50 or NUTR-70G. Advisory: MATH-80.

This course focuses on bakeshop production and business. Students will be taught and practiced. This lecture and laboratory course will prepare, and cakes. Business aspects regarding cost control and quality assurance and criminal background check. Prerequisite: NUTR-44. One-way corequisites: NUTR-42, NUTR 45. Advisories: ENGL-85; MATH-91.

**MERCED**

9062 W 05:30p-08:20p Hobbs J AHC-128

Section 9062 is held 03/04/17 to 04/26/17.
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
1659 MWF 10:00a-10:50a Hallman M IAC-8
1660 TTh 11:00a-12:15p Hallman M IAC-108

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
6079 M 07:00p-09:50p Law K IAC-109

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
1245 MWF 10:00a-10:50a Hicks T IAC-145
1661 MWF 11:00a-11:50a Hicks T IAC-145
1747 MWF 12:00p-12:50p Hallman M IAC-109
1825 TTh 09:30a-10:45a Law K IAC-109
1948 TTh 03:30p-04:45p Barnes L IAC-142
6341 T 07:00p-09:50p Barnes L IAC-9
9074 MWF 07:00a-08:50a Werness G IAC-146
Section 9074 is held from 03/20/17 to 05/26/17.

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
1963 MW 02:00p-03:15p Hicks T IAC-109
1663 TTh 09:30a-10:45a Hicks T IAC-129

PHIL-13 CRITICAL REASONING AND WRITING (ALSO: ENGL-13)
(C-ID ENGL 105) (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
1668 W MWF 07:00a-07:50a Staff IAC-123
1742 WC MWF 08:00a-08:50a Piro V VOC-110
1666 WC SI MWF 12:00p-12:50p McBride J SCI-204
1257 WC MWF 01:00p-01:50p Toth R ART-2
1931 WC TTh 08:00a-09:15a Smith V IAC-110
1942 WC TTh 11:00a-12:15p McBride J IAC-110
1425 WC TTh 02:00p-03:15p Rempel D IAC-143
1763 TTh 02:00p-03:15p Law K IAC-109
1852 WC TTh 02:00p-03:15p Baker W IAC-10
6384 WC M 07:00p-08:50p Withers M IAC-122
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
4664 TTh 08:00a-09:15a Gomes A LB-B-110
Section 4664 orientation meeting will be held in LB-A-103; all other class meetings will be held off campus at Oliveira Park; corner of Ortigalita and Cardoza; Los Banos.

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
4664 TTh 08:00a-09:15a Gomes A LB-B-110
Section 4664 orientation meeting will be held in LB-A-103; all other class meetings will be held off campus at Oliveira Park; corner of Ortigalita 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
1683 MWF 08:00a-08:50a Staff SCI-110
1684 MWF 09:00a-09:50a Staff SCI-207
6349 W 07:00p-09:50p Putnam R SCI-110

PHSC-01L INTRODUCTION TO PHYSICAL AND EARTH SCIENCE LABORATORY
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.
MERCED
1030 W 02:00p-04:50p 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
1812 TTh 12:30p-01:45p Staff SCI-208
LOS BANOS
8674 WC M 07:00p-09:50p Fan S LB-B-134

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
1951 T 08:00a-10:50a Staff SCI-105

PHYSICS (PHYS)

PHYS-02A GENERAL PHYSICS I
(C-ID PHYS 105) (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. PHYS-02A is the first semester of a one-year physics course designed to develop major concepts and give an understanding of general principles of physics.
MERCED
1247 MWF 11:00a-11:50a Pourtarvirdi Z SCI-205
& M 08:00a-10:50a Pourtarvirdi Z SCI-106

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
1686 MWF 12:00p-12:50p Pourtarvirdi Z VOC-11
& F 08:00a-10:50a Pourtarvirdi Z SCI-106

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
1369 MW 02:00p-03:15p Jordan L VOC-140
& W 08:00a-10:50a Pourtarvirdi Z SCI-105
1688 MW 02:00p-03:15p Jordan L VOC-140
& Th 08:00a-10:50a Jordan L SCI-106
1689 MW 02:00p-03:15p Jordan L VOC-140
& W 11:00a-01:50p Jordan L SCI-106
6029 TTh 05:30p-06:45p Pourtarvirdi Z SCI-106
& T 07:00p-09:50p Pourtarvirdi Z SCI-106

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.
PHYS-04B is a continuation of PHYS-04A with emphasis on the areas of electricity, magnetism, and light.
MERCED
1046 TTh 11:00a-12:15p Jordan L VOC-140
& T 02:00p-04:50p Jordan L SCI-106
1533 TTh 11:00a-12:15p Jordan L VOC-140
& T 02:00p-04:50p Jordan L SCI-106

PHYS-04C PHYSICS III
(CSU breadth area B1/B3) (IGETC area 5A/5C) (C-ID PHYS 200S)
4 units: 3 hours lecture, 3 hours lab.
Prerequisite: MATH-04B; PHYS-04B. Advisory: ENGL-85.
PHYS-04C is a continuation of PHYS-04B. It emphasizes the laws of thermodynamics, relativity, and topics of modern physics.
MERCED
1691 TTh 12:30p-01:45p Jordan L VOC-11
& T 08:00a-10:50a Jordan L SCI-106
Section 1691 requires two field trips with minimal cost to the student.
PHYS-10 CONCEPTS IN PHYSICS
(CSU breadth area B1) (IGETC area 5A)
3 units: 3 hours lecture.
Advisories: ENGL-85; MATH-81.
This course is a survey of major concepts covered in physics. The concepts, as well as the understanding of general principles, will be developed through lectures, demonstrations, and discussion of everyday phenomena.

MERCED
1983 MWF 09:00a-09:50a Staff VOC-11

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.
This course is designed to provide the students with a working knowledge of fundamental structures and processes of plants.

MERCED
1105 WC MW 01:00p-03:15p Tassey B PS-1
6426 WC M 05:10p-10:00p Tassey B PS-1

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
2399 ONLINE Gardner J
CONTACT: jennifer.gardner@mccd.edu
COMMENTS: Students need to log-in within the first two days of class or they will be dropped.

MERCED
1697 MWF 09:00a-09:50a Randall R IAC-145
1698 LC MWF 11:00a-11:50a Randall R VOC-8
Section 1698 is a Learning Community with ENGL-01A-1228.
1808 LC MWF 12:00p-12:50p Randall R IAC-145
Section 1808 is a Learning Community with ENGL-01A-1933.
1801 MWF 02:00p-02:50p Seymour D IAC-142
1702 MW 02:00p-03:15p Morris R VOC-8
1138 TTh 08:00a-09:15a Randall R VOC-8
1416 TTh 12:30p-01:45p Morris R VOC-9
1050 TTh 02:00p-03:15p Patterson E IAC-108
1064 TTh 03:30p-04:45p Patterson E VOC-8
6510 W 07:00p-09:50p Morris R IAC-146

LOS BANOS
4686 WC MW 12:30p-01:45p Gardner J LB-A-103
4698 WC TTh 08:00a-09:15a Gardner J LB-B-107

POSC-02 AN INTRODUCTION TO WORLD POLITICAL SYSTEMS
(CSU breadth area D) (IGETC area 4)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course is a comparative study of the theory, history, structure, and application of the governmental systems of major European nations, as well as non-European countries.

MERCED
1027 TTh 09:30a-10:45a Randall R VOC-8

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
2322 ONLINE Clifford J
CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.
2372 ONLINE Murphy J
CONTACT: For course-specific questions contact joel.murphy@mccd.edu. For technology problems, contact Help Desk at www.mccd.edu/myhelp/ or (209) 381-6565.

MERCED
1025 MWF 08:00a-08:50a Nichols D IAC-145
1032 MWF 10:00a-10:50a Nichols D IAC-146
1949 MWF 10:00a-10:50a Lucey V VOC-9
1045 MWF 11:00a-11:50a Nichols D VOS-9
1114 MWF 01:00p-01:50p Lucey V VOC-9
1253 TTh 11:00a-12:15p Gargano G AHC-129
1726 TTh 12:30p-01:45p Murphy J IAC-146
1939 TTh 02:00p-03:15p Daniel M VOC-9
1705 TTh 03:30p-04:45p Daniel M VOC-9
1067 T 02:00p-04:50p Clifford J IAC-145
1851 W 08:00a-10:50a Williamson L LESH-111
6121 M 07:00p-09:50p Pierce T VOC-8
6085 W 05:30p-08:20p Gargano G IAC-142
6364 Th 07:00p-09:50p Lucey V VOC-9
9077 MWF 11:00a-12:50p Gargano G IAC-142
Section 9077 is held from 01/17/17 to 03/17/17.
9143 MWF 12:00p-01:50p Clifford J AHC-129
Section 9143 is held from 03/20/17 to 05/26/17.

LOS BANOS
4702 WC MW 08:00a-09:15a Coahran S LB-B-107

MARIPOSA
7806 M 06:30p-09:20p Staff MARI-59
Section 7806 is held at Mariposa High School; 5074 Old Highway North, Mariposa.

LIVINGSTON
7004 W 06:00p-08:50p Salazar R LIVN-805
Section 7004 is held at Livingston High School; 1617 Main Street, Livingston.

DELHI
7727 W 06:00p-08:50p Daniel M DELH-H1
Section 7727 is held at Delhi High School; Building H, Room 1; 16881 West Schendel Avenue, Delhi.

PSYC-01AH HONORS INTRODUCTION TO PSYCHOLOGY
(C-ID PSY 110) (CSU breadth area D) (IGETC area 4)
3 units: 3 hours lecture.
Limitation on enrollment: Enrollment in the Honors Program. See the current college catalog for a description of enrollment requirements.
Advisories: ENGL-01A.
PSYC-01AH is an in-depth survey course designed to provide an introduction to facts and theories underlying human behavior.

MERCED
1956 TTh 12:30p-01:45p Murphy J IAC-146
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.   
Advisory: ENGL-01A.  
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.  
MERCED  
1052 MW 11:00a-12:15a Lucey V COM-5  
1816 TTh 11:00a-12:15p Murphy J IAC-145  
LOS BANOS  
4706 WC TTh 02:00p-03:15p Coahran S LB-B-134  

PSYC-05  INTRODUCTION TO STATISTICS IN PSYCHOLOGY
(C-ID SOCI 125, MATH 110)  (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.  
MERCED  
1876 MW 09:30a-10:45a Gargano G IAC-142  
1759 TTh 12:30p-01:45p Gargano G IAC-142  
LOS BANOS  
4710 WC TTh 08:00a-09:15a Gargano G LB-B-111  

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  
2336 ONLINE Bluett-Murphy V  
CONTACT: For course-specific questions contact victoria.bluett- murphy@mccd.edu.  For technology problems contact the help desk at www.mccd.edu/myhelp/ or (209) 381-6655.  
2362 ONLINE Marquez-Ramirez M  
CONTACT: For course-specific questions contact martina. marquez@mccd.edu.  
2910 ONLINE Clifford J  
Section 2910 is held from 03/20/17 to 05/26/17.  CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.  
MERCED  
1671 WC MW 12:30p-01:45p Soria L VOC-138  
1835 WC MW 02:00p-03:15p Patton M AG-10  
1836 WC TTh 03:30p-04:45p Patton M VOC-138  
LOS BANOS  
8710 WC M 05:30p-08:20p Anaya Y LB-B-106  

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  
1853 MWF 09:00a-09:50a Lucey V SCI-111  
1707 MWF 11:00a-11:50a Clifford J AHC-129  
1887 TTh 02:00p-04:50p Lucey V IAC-145  
6023 T 07:00p-09:50p Pierce T IAC-145  
9144 MWF 12:00p-01:50p Clifford J AHC-129  
Section 9144 is held from 01/17/17 to 03/17/17.  

PSYC-23  PERSONAL AND SOCIAL ADJUSTMENT
(C-ID PSY 119)  (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  
1508 M 11:00a-01:50p Murphy J LESH-111  
9078 MWF 11:00a-12:50p Gargano G IAC-142  
Section 9077 is held from 03/20/17 to 05/26/17.  

OSA PALOS  
7946 Th 06:00p-08:50p Pierce T DPHS  
Section 7946 is held at Dos Palos High School; 1701 E. Blossom St. Room 14; Dos Palos  

PSYC-25  INTRODUCTION TO ABNORMAL PSYCHOLOGY
(C-ID PSY 120)  (CSU breadth area D)  (IGETC area 4)  
3 units: 3 hours lecture.  
Advisory: 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."  
MERCED  
1586 W 11:00a-01:50p Murphy J LESH-111  
LOS BANOS  
4712 WC MW 02:00p-03:15p Coahran S LB-B-106  

RADIOLOGIC TECHNOLOGY, DIAGNOSTIC (RADT)  

RADT-12A  RADIOLOGIC PROCEDURES II  
4 units: 3 hours lecture, 3 hours lab.  
Limitation on enrollment: Enrollment in the Diagnostic Radiologic Technology Program.  
This course covers basic radiographic anatomy and positioning of the lower gastrointestinal tract, biliary system, genitourinary system, vertebral column, bony thorax, mobile and trauma radiography.  
MERCED  
1718 T 08:00a-10:50a Donnelly S AHC-148  
& T 11:30a-02:30p Donnelly S AHC-150  
1719 T 08:00a-10:50a Donnelly S AHC-148  
& Th 08:00a-10:50a Donnelly S AHC-150  

RADT-12B  CLINICAL EDUCATION I  
5 units: 15 hours TBA lab (270 total TBA hours).  
Limitation on enrollment: Enrollment in the Diagnostic Radiologic Technology Program. One-way corequisite: RADT-12A.  
This course provides clinical experience for application of theoretical principles and concepts covered in previous and current didactic coursework.  
MERCED  
1720 270 hours by arrangement Donnelly S HOSP  

RADT-13  RADIOLOGIC SCIENCES I  
3 units: 2 hours lecture, 3 hours lab.  
Limitation on enrollment: Enrollment in the Diagnostic Radiologic Technology Program. Prerequisite: CHEM-02A; MATH-C.  
This course covers the nature and characteristics of radiation, x-ray production, and photon interactions with matter.  
MERCED  
1717 M 08:00a-12:50p Lang K AHC-148
### MERCED COLLEGE

**MER-16A ADVANCED RADIOLOGIC PROCEDURES II**
2.5 units: 2.5 hours lecture.
Limitation on enrollment: Enrollment in the Diagnostic Radiologic Technology Program.
This course is designed to provide entry-level radiography students with an introduction to and basic understanding of the operation of CT and MRI devices.

<table>
<thead>
<tr>
<th>MERCED</th>
<th>1722</th>
<th>W</th>
<th>08:00a-10:15a</th>
<th>Donnelly S</th>
<th>AHC-148</th>
</tr>
</thead>
</table>

**MER-16B ADVANCED CLINICAL EDUCATION I**
10 units: 540 total TBA hours lab.
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.

<table>
<thead>
<tr>
<th>MERCED</th>
<th>1724</th>
<th>540 hours by arrangement</th>
<th>Lang K</th>
<th>HOSP</th>
</tr>
</thead>
</table>

**MER-16C FLUOROSCOPY**
2.25 units: 40.5 total hours lecture.
Limitation on enrollment: Enrollment in the Diagnostic Radiologic Technology Program.
This course is designed to prepare the senior radiography student to sit for the California Radiologic Technologist Fluoroscopy Permit examination.

<table>
<thead>
<tr>
<th>MERCED</th>
<th>1716</th>
<th>W</th>
<th>10:30a-12:35p</th>
<th>Lang K</th>
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</tr>
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</table>

**MER-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.

<table>
<thead>
<tr>
<th>MERCED</th>
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<th>Donnelly S</th>
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</table>

### 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.

<table>
<thead>
<tr>
<th>MERCED</th>
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<th>WC</th>
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<tr>
<td>1929</td>
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<tr>
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<td>WC</td>
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<td>IAC-110</td>
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<tr>
<td>&amp; TTh</td>
<td>12:30p-01:45p</td>
<td>Ferrell D</td>
<td>IAC-139</td>
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<td><strong>LOS BANOS</strong></td>
<td>4392</td>
<td>WC</td>
<td>TTh 08:00a-09:15a</td>
<td>Long J</td>
<td>LB-B-135</td>
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<td>Long J</td>
<td>LB-A-110</td>
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</table>

**MER-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.

<table>
<thead>
<tr>
<th>MERCED</th>
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<td>VOC-10</td>
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**MER-82 FOUNDATIONS IN READING I**
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.

<table>
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<th>MERCED</th>
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<td>05:30p-06:45p</td>
<td>Brown G</td>
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</table>

**LOS BANOS**

| MERCED | 4402 | WC | MW | 11:00a-12:15p | Koepnick S | LB-B-135 |
|--------|------|----|------------|------------|----------|
|        & MW | 12:30p-01:15p | Koepnick S | LB-A-110 |
| 4404 | WC | MW | 02:00p-03:15p | Mingua-Lopstain | LB-B-136 |
|        & MW | 03:30p-04:45p | Mingua-Lopstain | LB-A-110 |
| 4406 | WC | TTh | 09:30a-10:45a | Koepnick S | LB-B-101 |
|        & TTh | 11:00a-12:15p | Koepnick S | LB-A-110 |
| 4408 | WC | TTh | 02:00p-03:15p | Chavez C | LB-B-137 |
|        & TTh | 03:30p-04:45p | Chavez C | LB-A-110 |
| 8392 | MW | MW | 05:30p-06:45p | Cates K | LB-B-136 |
|        & MW | 07:00p-08:15p | Cates K | LB-A-110 |

### 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 | 6368 | M | 07:00p-09:50p | Rafel H | VOC-38 |

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**LC**-Learning Community class. See page 55 for details.

**SI**-Supplemental Instruction class. See page 81 for details.

**WC**-Web Component which will require you to have internet access.
REAL-43 REAL ESTATE PRACTICES
3 units: 3 hours lecture.
Advisories: ENGL-85; MATH-80.
This course is an analysis of problems related to establishing and conducting a real estate business.

MERCED
6039 T 07:00p-09:50p Cuadros A VOC-38

SONOGRAPHY, DIAGNOSTIC MEDICAL (SONO)

SONO-42A ABDOMINAL SONOGRAPHY
[CILC area B]
4 units: 3 hours lecture, 3 hours lab.
Limitation on enrollment: Enrollment in the Diagnostic Medical Sonography Program—Abdominal & OB/GYN Track. Prerequisites: BIOL-16, BIOL-18.
This course covers abdominal sonographic positioning and scanning protocol; related anatomy and physiology to include the retroperitoneum.

MERCED
1076 W 08:00a-10:50a Zelinsky C AHC-157 & W 12:00p-02:50p Zelinsky C AHC-157

SONO-42B BEGINNING CLINICAL EXPERIENCE I
[CILC area B]
9 units: 28 hours lab.
Limitation on enrollment: Enrollment in the Diagnostic Medical Sonography Program—Abdominal & OB/GYN Track. Two-way corequisite: SONO-42A.
This course provides clinical experience for application of theoretical principles and concepts covered in previous and current didactic course work.

MERCED
1078 504 hours by arrangement Zelinsky C HOSP

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. Students will learn how to express in Spanish the most basic functions of everyday life. This course is not recommended for native speakers – native speakers should enroll in SPAN-10.

MERCED
1768 $ DAILY 12:00p-12:50p Sobalvarro N ART-7 & $ 1072 $ DAILY 01:00p-01:50p Sobalvarro N ART-7 6133 $ TTh 01:00p-02:25p Kreide C IAC-108 6230 $ TTh 07:30p-08:45p Estrada A ART-7 9073 $ DAILY 08:00a-09:50a Colomer-Flores M IAC-108 Section 9073 is held from 03/20/17 to 05/26/17. 9075 $ DAILY 08:00a-09:50a Colomer-Flores M IAC-108 Section 9075 is held from 01/17/17 to 03/17/17.

LOM BANOS
4746 $ TTh 11:00a-01:15p Cortes S LB-B-112 4748 $ MW 02:00p-04:15p Wynne C LB-B-112

SONOLOGY (SOC)

SOC-01 INTRODUCTION TO SOCIOLOGY
(C-ID SOCI 110) (CSU breadth area D) (IGETC area 4)
3 units: 3 hours lecture.
Advisories: ENGL-80A.
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
1817 MWF 08:00a-08:50a Saich E ART-1 1912 MWF 09:00a-09:50a Saich E ART-1 1810 MWF 10:00a-10:50a Saich E ART-1 1677 MWF 01:00p-01:50p Codallos K IAC-109 1809 MWF 02:00p-02:50p Codallos K AHC-129 1813 TTh 03:30p-04:45p Blauer C IAC-146 6129 TTh 05:30p-06:45p Mirfakhraie R VOC-9 6374 T 07:00p-09:50p Blauer C IAC-142 6199 Th 07:00p-09:50p Mirfakhraie R AHC-129

SOCIOLGY (SOC)

SOC-02 CONTEMPORARY SOCIAL PROBLEMS
(C-ID SOCI 115)
3 units: 3 hours lecture.
Advisories: ENGL-80A.
SOC-02 introduces fundamental theories and methodologies employed in the study of contemporary social problems.

MERCED
1309 TTh 11:00a-12:15p Saich E IAC-142

SOC-03 MARRIAGE AND THE FAMILY
(C-ID SOCI 130)
3 units: 3 hours lecture.
Advisories: ENGL-85.
This course provides an overview of sociological theories and concepts utilized to investigate marriage and family relationships.

LOS BANOS
4740 MW 11:00a-12:15p 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.

MERCED
1746 WC TTh 08:00a-10:15a Bell S PS-1 1097 WC TTh 01:00p-03:15p Bell S PS-1 6338 WC W 05:10p-07:00p Bell S PS-1

SOIL-11 FERTILIZERS AND SOIL AMENDMENTS
3 units: 3 hours lecture.
Advisories: ENGL-85; MATH-80 or MATH-85.
This course will cover the composition, value, selection and use of fertilizer materials and soil amendments.

MERCED
6180 WC T 06:00p-08:50p Stoddard C PS-1
SPAN-04 INTERMEDIATE SPANISH
(C-ID SPAN 210) (CSU breadth area C2) (IGETC area 3B/6)
5 units: 5 hours lecture.
Prerequisite: SPAN-03. Advisory: LRNR-30.
This course is a thorough review of the fundamentals of reading, writing, speaking, and understanding Spanish designed to aid the student in preparing for advanced studies in Spanish composition, grammar, and conversation, as well as literature in Spanish, history, and culture.

MERCED
1315 $ TTh 01:00p-03:15p Kreide C COM-5

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.

MERCED
1721 DAILY 10:00a-10:50a Sobalvarro N ART-7
6375 MW 05:30p-07:45p Garcia Diaz M IAC-108
LOS BANOS
4766 $ TTh 02:00p-04:15p Cortes S LB-B-112

SPAN-11 SPANISH FOR SPANISH SPEAKERS II
(CSU Breadth C2) (IGETC area 3B/6) (C-ID SPAN 230)
5 units: 5 hours lecture.
Prerequisite: SPAN-10 or two years of "Spanish for Spanish Speakers." Advisory: LRNR-30.
This course represents the continuation of SPAN-10. It is designed for students who are fluent in Spanish and who are ready to develop literacy skills.

MERCED
1814 DAILY 10:00a-10:50a Colomer-Flores M IAC-108

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. Students will study some of the factors of successful leadership and effective group membership.

MERCED
1791 TTh 02:00p-03:50p Alcala R SU-137

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. The course is designed to introduce students to the ethical dimensions of an organization and to train them to identify social dilemmas, analyze them systematically and resolve them based on core values and codes of conduct found in a college setting. Students may enroll without holding an office.

MERCED
1815 TTh 02:00p-03:50p Alcala R SU-137

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. This course focuses on the development of leadership skills, provides an understanding of leadership and group dynamics theory and will assist the student in developing a personal philosophy of leadership and management skills.

MERCED
1795 TTh 02:00p-03:50p Alcala R SU-137

STGV-33D STUDENT GOVERNMENT IV
2 units: 1 hour lecture, 3 hours lab.
Prerequisite: STGV-33C. Advisory: ENGL-85.
This is the fourth of four sequential STGV courses. This course examines the role of power and influence in organizations.

MERCED
1797 TTh 02:00p-03:50p Alcala R SU-137

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 will be held 02/06/17 to 04/28/17.
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 January 30-February 5, 2017 for Orientation.

VIRTUAL OFFICE (VIRT)
VIRT-50 VIRTUAL OFFICE
3 units: 3 hours lecture.
Advisories: BUS-10; CPSC-30.
Learn how to become an independent contractor/freelancer in the virtual world.

ONLINE/HYBRID
2381 ONLINE Downing S
CONTACT: sonja.downing@mccd.edu
ORIENTATION/IN-CLASS SESSIONS: Mandatory: Thursdays; January 19 and 26, 2017; 05:30p-08:20p; VOC-115.
COMMENTS: Remaining hours to be held online.

WATER/WASTEWATER TECHNOLOGY (WWT)
WWT-62 WATER/WASTEWATER CALCULATIONS
3 units: 3 hours lecture.
Advisories: READ-81, ENGL-84; MATH-80.
This course provides for the mastery of mathematical calculations specifically involving water and wastewater treatment plant operations and processes.

MERCED
6136 TTh 05:30p-06:45p Davidson G SCI-202

WWT-63 ADVANCED WATER TREATMENT PLANT OPERATIONS
3 units: 3 hours lecture.
Prerequisite: WWT-60. Advisory: READ-81.
This course is a continuation of the study of water treatment plant operations and processes, with emphasis on the knowledge and skills needed by operators of conventional surface and ground treatment.

MERCED
6137 T 07:00p-09:50p Davidson G SCI-204

WWT-64 ADVANCED WASTEWATER TREATMENT
3 units: 3 hours lecture.
Prerequisite: WWT-61. Advisory: READ-81.
This course is a continuation of the study of wastewater treatment plant operations and processes.

MERCED
6138 Th 07:00p-09:50p Davidson G SCI-204
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

9009 WC MTWTh  08:00a-09:30a  Russell C  PS-2
& MTWTh  09:31a-12:15p  Fishman D  MA-1
Section 9009 is held from 03/27/17 to 05/04/17.

9010 WC MTWTh  08:00a-10:00a  Russell C  PS-2
& MTWTh  10:01a-11:50a  Fishman D  MA-1
Section 9010 is held from 01/17/17 to 03/02/17.

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

9011 WC MTWTh  08:30a-10:00a  Russell C  PS-2
& MTWTh  10:00a-01:15p  Fishman D  MA-1
Section 9011 is held from 03/06/17 to 03/23/17.

9294 WC MTWTh  08:00a-10:00a  Russell C  PS-2
& MTWTh  10:01a-11:50a  Fishman D  MA-1
Section 9294 is held from 01/17/17 to 03/02/17.

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

9012 WC MTWTh  08:00a-10:00a  Russell C  PS-2
& MTWTh  10:00a-01:15p  Fishman D  MA-1
Section 9012 is held from 03/27/17 to 04/13/17.

9296 WC MTWTh  08:30a-10:00a  Russell C  PS-2
& MTWTh  10:00a-01:15p  Fishman D  MA-1
Section 9296 is held from 03/27/17 to 04/13/17.

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

9256 WC TTh  05:00p-06:50p  Fishman D  AG-11
& TTh  07:00p-10:05p  Fishman D  IT-6
Section 9256 is held from 01/17/17 to 03/16/17.

9013 WC MTWTh  08:30a-10:00a  Russell C  PS-2
& MTWTh  10:00a-04:15p  Fishman D  MA-1
Section 9013 is held from 04/24/17 to 05/11/17.

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

9607 WC TTh  05:10p-08:00p  Staff  IT-6
Section 9607 is held from 03/21/17 to 05/25/17.

9014 WC MTWTh  08:30a-03:30p  Russell C  IT-6
Section 9014 is held from 05/15/17 to 05/25/17.

WELD-51  INTRODUCTORY PIPE WELDING
2 units: 1 hour lecture, 3 hours lab.
Prerequisite: MECH-06 or WELD-06; WELD-07. Advisories: MATH-85; READ-81, ENGL-84.
This course is an introduction to pipe and tube fitting and welding. Industry standards established by the American Welding Society (AWS) and the American Petroleum Institute (API) are used as the basis for instruction. This course meets the needs of the food processing and liquid/gas material handling industries.

MERCED

9175 WC MW  05:30p-06:30p  Russell C  AG-11
& MW  06:30p-09:20p  Russell C  IT-6
Section 9175 is held from 01/18/17 to 03/22/17.
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.

ENGLISH (ENGL)

ENGL-13H HONORS CRITICAL REASONING AND WRITING (ALSO: PHIL-13H)
(C-ID ENGL 105) (CSU breadth area A3) [CILC area G]
(IGETC area 1B)
3 units: 3 hours lecture.
Limitation on enrollment: Enrollment in the Honors Program.
Prerequisite: ENGL-01A.
This course offers instruction in argumentative and critical writing, critical thinking, research strategies, information literacy, and proper documentation.

HUMANITIES (HUM)

HUM-02H HONORS STUDIES IN HUMANITIES -- RENAISSANCE TO PRESENT
(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-01A.
The principal aim of this course is to examine human existence and cultural endeavors from the Renaissance to the present. Students will examine developments in the fine arts, literature, philosophy, religion, and the sciences from a variety of cultures, both Western and non-Western.

PHILOSOPHY (PHIL)

PHIL-13H HONORS CRITICAL REASONING AND WRITING (ALSO: ENGL-13H)
(C-ID ENGL 105) (CSU breadth area A3) (IGETC area 1B) [CILC area G]
3 units: 3 hours lecture.
Limitation on enrollment: Enrollment in the Honors Program.
Prerequisite: ENGL-01A.
This course offers instruction in argumentative and critical writing, critical thinking, research strategies, information literacy, and proper documentation.

PSYCHOLOGY (PSYC)

PSYC-01AH HONORS INTRODUCTION TO PSYCHOLOGY
(C-ID PSY 110) (CSU breadth area D) (IGETC area 4)
3 units: 3 hours lecture.
Limitation on enrollment: Enrollment in the Honors Program. See the current college catalog for a description of enrollment requirements.
Advisories: ENGL-01A.
PSYC-01AH is an in-depth survey course designed to provide an introduction to facts and theories underlying human behavior.

HISTORY (HIST)

HIST-17BH HONORS 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.
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 examines our national, state, and local history and government from the late 19th century to the present.

HISTORICAL STUDIES (HIST)

HIST-17BH HONORS 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.
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 examines our national, state, and local history and government from the late 19th century to the present.

HISTORY (HIST)

HIST-17BH HONORS 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.
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 examines our national, state, and local history and government from the late 19th century to the present.

HUMANITIES (HUM)

HUM-02H HONORS STUDIES IN HUMANITIES -- RENAISSANCE TO PRESENT
(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-01A.
The principal aim of this course is to examine human existence and cultural endeavors from the Renaissance to the present. Students will examine developments in the fine arts, literature, philosophy, religion, and the sciences from a variety of cultures, both Western and non-Western.

PHILOSOPHY (PHIL)

PHIL-13H HONORS CRITICAL REASONING AND WRITING (ALSO: ENGL-13H)
(C-ID ENGL 105) (CSU breadth area A3) (IGETC area 1B) [CILC area G]
3 units: 3 hours lecture.
Limitation on enrollment: Enrollment in the Honors Program.
Prerequisite: ENGL-01A.
This course offers instruction in argumentative and critical writing, critical thinking, research strategies, information literacy, and proper documentation.

PSYCHOLOGY (PSYC)

PSYC-01AH HONORS INTRODUCTION TO PSYCHOLOGY
(C-ID PSY 110) (CSU breadth area D) (IGETC area 4)
3 units: 3 hours lecture.
Limitation on enrollment: Enrollment in the Honors Program. See the current college catalog for a description of enrollment requirements.
Advisories: ENGL-01A.
PSYC-01AH is an in-depth survey course designed to provide an introduction to facts and theories underlying human behavior.

HUMANITIES (HUM)

HUM-02H HONORS STUDIES IN HUMANITIES -- RENAISSANCE TO PRESENT
(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-01A.
The principal aim of this course is to examine human existence and cultural endeavors from the Renaissance to the present. Students will examine developments in the fine arts, literature, philosophy, religion, and the sciences from a variety of cultures, both Western and non-Western.

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(C-ID ENGL 105) (CSU breadth area A3) (IGETC area 1B) [CILC area G]
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Limitation on enrollment: Enrollment in the Honors Program.
Prerequisite: ENGL-01A.
This course offers instruction in argumentative and critical writing, critical thinking, research strategies, information literacy, and proper documentation.

PSYCHOLOGY (PSYC)

PSYC-01AH HONORS INTRODUCTION TO PSYCHOLOGY
(C-ID PSY 110) (CSU breadth area D) (IGETC area 4)
3 units: 3 hours lecture.
Limitation on enrollment: Enrollment in the Honors Program. See the current college catalog for a description of enrollment requirements.
Advisories: ENGL-01A.
PSYC-01AH is an in-depth survey course designed to provide an introduction to facts and theories underlying human behavior.

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(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-01A.
The principal aim of this course is to examine human existence and cultural endeavors from the Renaissance to the present. Students will examine developments in the fine arts, literature, philosophy, religion, and the sciences from a variety of cultures, both Western and non-Western.

PHILOSOPHY (PHIL)

PHIL-13H HONORS CRITICAL REASONING AND WRITING (ALSO: ENGL-13H)
(C-ID ENGL 105) (CSU breadth area A3) (IGETC area 1B) [CILC area G]
3 units: 3 hours lecture.
Limitation on enrollment: Enrollment in the Honors Program.
Prerequisite: ENGL-01A.
This course offers instruction in argumentative and critical writing, critical thinking, research strategies, information literacy, and proper documentation.

PSYCHOLOGY (PSYC)

PSYC-01AH HONORS INTRODUCTION TO PSYCHOLOGY
(C-ID PSY 110) (CSU breadth area D) (IGETC area 4)
3 units: 3 hours lecture.
Limitation on enrollment: Enrollment in the Honors Program. See the current college catalog for a description of enrollment requirements.
Advisories: ENGL-01A.
PSYC-01AH is an in-depth survey course designed to provide an introduction to facts and theories underlying human behavior.

HUMANITIES (HUM)

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(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-01A.
The principal aim of this course is to examine human existence and cultural endeavors from the Renaissance to the present. Students will examine developments in the fine arts, literature, philosophy, religion, and the sciences from a variety of cultures, both Western and non-Western.

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3 units: 3 hours lecture.
Limitation on enrollment: Enrollment in the Honors Program.
Prerequisite: ENGL-01A.
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PSYCHOLOGY (PSYC)

PSYC-01AH HONORS INTRODUCTION TO PSYCHOLOGY
(C-ID PSY 110) (CSU breadth area D) (IGETC area 4)
3 units: 3 hours lecture.
Limitation on enrollment: Enrollment in the Honors Program. See the current college catalog for a description of enrollment requirements.
Advisories: ENGL-01A.
PSYC-01AH is an in-depth survey course designed to provide an introduction to facts and theories underlying human behavior.
### 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.

<table>
<thead>
<tr>
<th>LEARNING COMMUNITY # 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>READ-81 FOUNDATIONS IN READING III</td>
</tr>
<tr>
<td>4 units: 3 hours lecture, 3 hours lab.</td>
</tr>
<tr>
<td>Prerequisite: READ-90. Advisory: Concurrent enrollment in ENGL-84.</td>
</tr>
<tr>
<td>MERCED</td>
</tr>
<tr>
<td>1019 WC MW 09:30a-10:45a Mumford J VOC-10</td>
</tr>
<tr>
<td>&amp; MW 11:00a-12:15p Mumford J IAC-139</td>
</tr>
</tbody>
</table>

| ENGL-84 FOUNDATIONS IN WRITING III |
| 5 units: 5 hours lecture. |
| Prerequisite: ENGL-83. Advisory: Concurrent enrollment in READ-81. |
| MERCED |
| 1304 WC MWF 07:55a-09:20a Mumford J VOC-111 |

<table>
<thead>
<tr>
<th>LEARNING COMMUNITY # 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATHL-03 ATHLETIC CONDITIONING</td>
</tr>
<tr>
<td>5-2 units: 1.5-6 hours lab.</td>
</tr>
<tr>
<td>Limitation on enrollment: This is varsity athletic team conditioning course that requires coach’s or academic athletic adviser’s signature.</td>
</tr>
<tr>
<td>Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.</td>
</tr>
<tr>
<td>MERCED</td>
</tr>
<tr>
<td>1612 MTWTh 02:00p-03:15p Casey R FHA</td>
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<table>
<thead>
<tr>
<th>LEARNING COMMUNITY # 3</th>
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<tbody>
<tr>
<td>POSC-01 ESSENTIALS OF AMERICAN POLITICAL SYSTEM</td>
</tr>
<tr>
<td>(CSU breadth area D/F2) (IGETC area 4)</td>
</tr>
<tr>
<td>3 units: 3 hours lecture.</td>
</tr>
<tr>
<td>Advisory: ENGL-85.</td>
</tr>
<tr>
<td>MERCED</td>
</tr>
<tr>
<td>1698 LC MWF 11:00a-11:50a Randall R VOC-8</td>
</tr>
</tbody>
</table>

| 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 |
| 1235 WC MWF 09:15a-10:20a Barba M VOC-110 |

| GUID-45 PATHWAYS TO TRANSFER |
| 3 units: 3 hours lecture. |
| Advisory: ENGL-85 |
| MERCED |
| 1734 LC TTh 09:30a-10:45a Renteria E VOC-38 |

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**PUENTE 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](http://www.mccd.edu/puente). Students must see the Puente Project counselor, Enrique Renteria prior to registration.

Students registering for section 1235 must also register for section 1734.

| 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 |
| 1235 WC MWF 09:15a-10:20a Barba M VOC-110 |

| GUID-45 PATHWAYS TO TRANSFER |
| 3 units: 3 hours lecture. |
| Advisory: ENGL-85 |
| MERCED |
| 1734 LC TTh 09:30a-10:45a Renteria E VOC-38 |

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**PUENTE LEARNING PROJECT**

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**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 # 4

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Lectures/Lab</th>
<th>Location</th>
<th>Section Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELCT-34</td>
<td>DIGITAL LOGIC, CIRCUITS, AND SYSTEMS</td>
<td>3</td>
<td>2/3</td>
<td>WALLS W VOC-42</td>
<td>01/17/17 to 03/02/17</td>
</tr>
<tr>
<td>ELCT-36</td>
<td>NETWORKING TOPOLOGIES AND CABLELING</td>
<td>3</td>
<td>2/3</td>
<td>WALLS W VOC-42</td>
<td>03/06/17 to 04/06/17</td>
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</table>

### LEARNING COMMUNITY # 5

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Lectures/Lab</th>
<th>Location</th>
<th>Section Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRFT-05</td>
<td>TECHNICAL GRAPHICS</td>
<td>3</td>
<td>2/3</td>
<td>WALLS W VOC-42</td>
<td>01/17/17 to 02/23/17</td>
</tr>
<tr>
<td>DRFT-10</td>
<td>RENDERING AND ANIMATION</td>
<td>3</td>
<td>2/3</td>
<td>WALLS W VOC-42</td>
<td>04/10/17 to 05/25/17</td>
</tr>
</tbody>
</table>

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**Notes:**
- LC - Learning Community class. See page 55 for details.
- SI - Supplemental Instruction class. See page 81 for details.
- WC - Web Component which will require you to have internet access.
- $ - Requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.
### LEARNING COMMUNITY # 6

**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.

**MERCED**
- 9009 WC MTWTh 08:00a-09:30a Fishman D MA-1
- & MTWTh 09:31a-12:15p Fishman D MA-1
  - Section 9009 is held from 03/27/17 to 05/04/17.

**MECH-24 POWER TRAINS**
- 4 units: 2 hours lecture, 6 hours lab.
- Advisories: ENGL-85; MATH-80.

**MERCED**
- 9002 WC MTWTh 08:00a-09:00a Fishman D MA-1
  & MTWTh 09:01a-11:50a Fishman D MA-1
  - Section 9002 is held from 03/21/17 to 03/21/17.

**MECH-23 DIESEL FUEL SYSTEMS DIAGNOSTICS**
- 2 units: 1 hour lecture, 3 hours lab.
- Advisories: ENGL-85; MATH-80.

**MERCED**
- 9020 WC MTWTh 01:00p-01:50p Donovan T MA-1
  & MTWTh 01:51p-04:20p Donovan T MA-1
  - Section 9020 is held from 02/27/17 to 03/30/17.

### LEARNING COMMUNITY # 7

**AUTO-36 AUTOMOTIVE MANUAL TRANSMISSIONS AND DRIVE TRAINS**
- 4 units: 3 hours lecture, 3 hours lab.
- Advisories: AUTO-04; ENGL-85; MATH-80, MATH-85.

**MERCED**
- 9404 WC MTWTh 01:00p-02:50p Weepers M IT-4B
  & MTWTh 02:51p-04:25p Weepers M IT-4B
  - Section 9040 is held from 01/17/17 to 03/16/17.

**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.

**MERCED**
- 9186 WC MTWTh 08:00a-09:00a Gregory A IT-4A
  & MTWTh 09:01a-12:10a Gregory A IT-4A
  - Section 9186 is held from 01/17/17 to 03/16/17.
  - Section 9186 requires a $10 Lab Manual.

**AUTO-43 AUTOMOTIVE FUEL SYSTEMS**
- 4 units: 3 hours lecture, 3 hours lab.
  One-way corequisite: AUTO-04, AUTO-63. Advisories: AUTO-42; ENGL-85; MATH-80 or MATH-85.

**MERCED**
- 9405 WC MTWTh 09:00a-10:15a Gregory A IT-4A
  & MTWTh 10:16a-11:30a Gregory A IT-4A
  - Section 9405 is held from 03/20/17 to 05/25/17.
  - Section 9405 requires a $10 Lab Manual.

### LEARNING COMMUNITY # 8

**ELCT-53A SOLAR INSTALLER COURSE 1**
- 3 units: 2 hours lecture, 3 hours lab.
  Advisories: ENGL-85; MATH-80 or MATH-85.

**MERCED**
- 9005 WC MTWTh 01:00p-02:10p Nagano J IT-3
  & MTWTh 02:11p-04:20p Nagano J IT-3
  - Section 9005 is held from 01/17/17 to 03/02/17.

**ELCT-56 INTRODUCTION TO MECHATRONICS**
- 4 units: 2 hours lecture, 6 hours lab.
  Prerequisite: ELCT-42A. Advisory ELCT-31, ELCT-42B.

**MERCED**
- 9007 WC MTWTh 08:00a-08:50a Hamilton A IT-3
  & MTWTh 08:51a-11:20a Hamilton A IT-3
  - Section 9007 is held from 03/06/17 to 05/18/17.

**INDT-35 ELECTRICAL WIRING: RESIDENTIAL AND INDUSTRIAL**
- 3 units: 2 hours lecture, 3 hours lab.
  Advisory: READ-81; ENGL-84; MATH-80 or MATH-85.

**MERCED**
- 9006 WC MTWTh 08:00a-09:10a Hamilton A IT-3
  & MTWTh 09:11a-11:20a Hamilton A IT-3
  - Section 9006 is held from 01/17/17 to 03/02/17.

**INDT-41 INDUSTRIAL POWER TRANSMISSION**
- 3 units: 2 hours lecture, 3 hours lab.
  Advisories: ENGL-85; MATH-80 or MATH-85.

**MERCED**
- 9008 WC MTWTh 01:00p-02:15p Nagano J IT-3
  & MTWTh 02:16p-04:30p Nagano J IT-3
  - Section 9008 is held from 03/06/17 to 04/13/17.
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Units</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Advisories</th>
<th>Section Dates</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>WELD-06</td>
<td>Fundamentals of Oxy-Fuel Welding and Shielded Metal Arc Welding (also: MECH-06)</td>
<td>3</td>
<td>3 hours lecture, 3 hours lab.</td>
<td></td>
<td></td>
<td></td>
<td>9010 WC MTWTh 08:00a-10:00a Russell C PS-2 &amp; MTWTh 10:00a-11:50a Russell C IT-6</td>
<td>MERCED</td>
</tr>
<tr>
<td>WELD-07</td>
<td>Fundamentals of T.I.G. and M.I.G. Welding</td>
<td>3</td>
<td>2 hours lecture, 3 hours lab.</td>
<td></td>
<td></td>
<td></td>
<td>9011 WC MTWTh 08:30a-10:00a Russell C PS-2 &amp; MTWTh 10:00a-04:15p Russell C IT-6</td>
<td>MERCED</td>
</tr>
<tr>
<td>WELD-40A</td>
<td>Introduction Welding Design and Construction</td>
<td>3</td>
<td>3 hours lecture, 3 hours lab.</td>
<td>WELD-07</td>
<td></td>
<td></td>
<td>9012 WC MTWTh 08:30a-10:00a Russell C PS-2 &amp; MTWTh 10:00a-04:15p Russell C IT-6</td>
<td>MERCED</td>
</tr>
<tr>
<td>WELD-40B</td>
<td>Advanced Welding Design and Construction</td>
<td>3</td>
<td>2 hours lecture, 3 hours lab.</td>
<td>WELD-07</td>
<td></td>
<td></td>
<td>9013 WC MTWTh 08:30a-10:00a Russell C PS-2 &amp; MTWTh 10:00a-04:15p Russell C IT-6</td>
<td>MERCED</td>
</tr>
<tr>
<td>WELD-46</td>
<td>Advanced Arc Welding Procedures</td>
<td>1</td>
<td>3 hours lab.</td>
<td>WELD-06 or MECH-06, WELD-07.</td>
<td></td>
<td></td>
<td>9014 WC MTWTh 08:30a-03:30p Russell C IT-6</td>
<td>MERCED</td>
</tr>
<tr>
<td>DRFT-44</td>
<td>Print Reading and Sketching</td>
<td>3</td>
<td>2 hours lecture, 3 hours lab.</td>
<td></td>
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<td></td>
<td>9018 WC MTWTh 01:00p-02:10p Russell C MA-2</td>
<td></td>
</tr>
</tbody>
</table>
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)
[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.

DELI

7720  TTh  06:30p-08:45p  ABBOTT D  DELH-MC7
Section 7720 is held at Delhi Center of Merced College; 9384 Merced Avenue, Delhi.

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.

DELI

7730  M  06:00p-08:50p  MENKE B  DELH-K1
Section 7730 is held at Delhi High School; Building K, Room 1; 16881 West Schendel Avenue, Delhi.

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. It examines national, state, and local history from the late 19th century to the present.

DELI

7738  M  06:00p-08:50p  ROBERTS K  DELH-H1
Section 7738 is held at Delhi High School; Building H, Room 1; 16881 West Schendel Avenue, Delhi.

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.

DELI

7725  TTh  06:00p-07:50p  MORROW G  DELH-H6
Section 7725 is held at Delhi High School; Building H, Room 6; 16881 West Schendel Avenue, Delhi.

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.

DELI

7721  WC  MW  06:00p-07:50p  STAFF  DELH-H6
Section 7721 is held at Delhi High School; Building H, Room 6; 16881 West Schendel Avenue, Delhi.

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.

DELI

7727  W  06:00p-08:50p  DANIEL M  DELH-H1
Section 7727 is held at Delhi High School; Building H, Room 1; 16881 West Schendel Avenue, Delhi.

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. Students will learn how to express in Spanish the most basic functions of everyday life. This course is not recommended for native speakers – native speakers should enroll in SPAN-10.

DELI

7728  TTh  03:45p-06:00p  PENA A  DELH-H2
Section 7728 is held at Delhi High School; Building J, Room 2; 16881 West Schendel Avenue, Delhi.
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.

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.

DOS PALOS
7930 Th 06:00p-08:50p Rodriguez L DPHS
Section 7930 is held at Dos Palos High School; 1701 E. Blossom St. Room 17; Dos Palos

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.

DOS PALOS
7946 Th 06:00p-08:50p Pierce T DPHS
Section 7946 is held at Dos Palos High School; 1701 E. Blossom St. Room 14; Dos Palos

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.
This comprehensive course integrates the cultivation of skills, values, and attitudes indicative of confident, capable students/individuals with problem solving and critical/creative thinking.

LIVINGSTON
7002 M 04:00p-06:50p Zepeda E LIVN-905
Section 7002 is held at Livingston High School; 1617 Main Street, Livingston.

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. Mental health, stress, alcohol, drugs, tobacco, disease processes, nutrition, fitness, sexuality, aging, environmental issues, and other related topics are studied and examined.

LIVINGSTON
7003 Th 05:30p-08:20p Huddleston A LIVN-902
Section 7003 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.
PSYC-01A is a survey course designed to provide an introduction to the facts and theories underlying human behavior.

LIVINGSTON
7004 W 06:00p-08:50p Salazar R LIVN-905
Section 7004 is held at Livingston High School; 1617 Main Street, Livingston.

MARIPOSA
Classes are held at Mariposa High School; 5074 Old Highway North; Mariposa.

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.

MARIPOSA
7804 T 06:30p-09:20p Roberts K MARI-59
Section 7804 is held at Mariposa High School; 5074 Old Highway North, Mariposa.

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.

MARIPOSA
7806 M 06:30p-09:20p Staff MARI-59
Section 7806 is held at Mariposa High School; 5074 Old Highway North, Mariposa.
ONLINE AND HYBRID INSTRUCTION

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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<tr>
<td>Respondus Lockdown Browser</td>
<td>Download</td>
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<td>(for exams/quizzes)</td>
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<td>FireFox</td>
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<td>Google Chrome</td>
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<td>Safari</td>
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<td>Internet Explorer</td>
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</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

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<thead>
<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>
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</tbody>
</table>
### Online and Hybrid Classes

**Administrative Office Management (AOM)**

- **AOM-30** Computer Applications (Also: CPSC-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**
  - 2391 $ ONLINE Garcia Martinez J
  - CONTACT: juan.garcia955@mccd.edu
  - 2395 $ ONLINE Robinson D
  - CONTACT: robinson.d@mccd.edu
  - Students must check college mail 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**
  - 2344 ONLINE Carvalho S
  - CONTACT: carvalho.s@mccd.edu
  - IN-CLASS SESSIONS: Lecture; Mondays; 05:30p-07:20p; VOC-115.
  - COMMENTS: Lab hours to be held 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**
  - 2310 ONLINE Blackmore C
  - CONTACT: cynthia.blackmore@mccd.edu
  - ORIENTATION - MANDATORY: Tuesday, January 17, 2017; 11:00a-12:15p; COM-2.

**ALLied Health (ALLH)**

- **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**
  - 2378 ONLINE Provenicio G
  - CONTACT: estrella.c@mccd.edu
  - ORIENTATION: January 17, 2017; 05:30p-06:45p; COM-2.
  - IN-CLASS SESSIONS: February 7, 21; March 21; April 11; May 9, 23; 05:30p-06:45p; AHC-130.

**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.

  **ONLINE/HYBRID**
  - 2347 ONLINE Estrella C (lec) & M 11:00a-01:50p Estrella C (lab) SCI-112
  - CONTACT: estrella.c@mccd.edu
  - ORIENTATION: January 17, 2017; 11:00a-01:50p; SCI-112.
  - IN-CLASS SESSIONS: Lab; Mondays; 11:00a-01:50p; SCI-112.
  - COMMENTS: 3 Lecture hours per week will be held online.

  **ONLINE/HYBRID**
  - 2355 ONLINE Estrella C (lec) & W 11:00a-01:50p Estrella C (lab) SCI-112
  - CONTACT: estrella.c@mccd.edu
  - ORIENTATION: January 17, 2017; 11:00a-01:50p; SCI-112.
  - IN-CLASS SESSIONS: Lab; Wednesdays; 11:00a-01:50p; SCI-112.
  - COMMENTS: 3 Lecture hours per week will be held online.
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
2390 ONLINE Latham E
CONTACT: latham.r@mccd.edu; (209) 386-6728; Office LB-B-13, 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
2307 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 semester to avoid being dropped. ORIENTATION: Required for first-time online students enrolled in this class. Wednesday, January 18, 2017; 12:30p-1:30p; COM-02. Orientation not required for students already familiar with Blackboard and Connect.

MERCED

2315 ONLINE Haugen A
COMMENTS: Remaining hours to be held online.

BUS-35 MONEY MANAGEMENT
3 units: 3 hours lecture.
Advisory: 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.

ONLINE/HYBRID
2301 M Haugen A
CONTACT: haugen.a@mccd.edu IN-CLASS SESSIONS: Lecture: Mondays 11:00a-12:15p; VOC-37.
COMMENTS: Remaining hours to be held online.

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
2341 ONLINE Weathers A (lec)
T 11:00a-01:50p Weathers A (lab) SCI-104
CONTACT: april.weathers@mccd.edu
IN-CLASS SESSIONS: Lab; Tuesdays; 11:00a-01:50p; SCI-104.
COMMENTS: 3 Lecture hours per week will be held online.

2359 ONLINE Weathers A (lec)
Th 11:00a-01:50p Weathers A (lab) SCI-104
CONTACT: april.weathers@mccd.edu
IN-CLASS SESSIONS: Lab; Thursdays; 11:00a-01:50p; SCI-104.
COMMENTS: 3 Lecture hours per week will be held online.

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
2315 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
2321 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.

ONLINE/HYBRID
2367 ONLINE Marquez-Ramirez M
CONTACT: For course-specific questions contact Martina.marquez@mccd.edu.
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  
2317 ONLINE Penney B  
CONTACT: For course-specific questions contact penney.b@mccd.edu.  

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, assumptions and biases about culture, language, identity, family structures, ability, and socioeconomic status.  
ONLINE/HYBRID  
2343 ONLINE Soria L  
CONTACT: For course-specific questions contact libby.soria@mccd.edu.  

CLDV-09 HUMAN DEVELOPMENT (ALSO: PSYC-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 interplay of biological, psychological, social, and cultural forces on the developing human being.  
ONLINE/HYBRID  
2314 ONLINE Bluett-Murphy V  
CONTACT: For course-specific questions contact victoria.bluett-murphy@mccd.edu.  

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  
2368 ONLINE Heft A  
CONTACT: For Course-specific questions, contact the professor of the course at april.heft@mccd.edu.  

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  
2311 ONLINE Yanagi C  
CONTACT: yanagi.c@mccd.edu

2340 MW 03:30p-04:45p Yanagi C (lec) VOC-113  
& ONLINE Yanagi C (lab)  
CONTACT: yanagi.c@mccd.edu

IN-CLASS SESSIONS: Lecture: Mondays & Wednesdays; 03:30p-04:45p; VOC-113.  
COMMENTS: Lab hours will be online.  

2370 TTh 03:30p-04:45p Yanagi C (lec) VOC-113  
& ONLINE Yanagi C (lab)  
CONTACT: yanagi.c@mccd.edu

IN-CLASS SESSIONS: Lecture: Tuesdays & Thursdays 03:30p-04:45p; 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  
2329 W 05:30p-07:20p Cadden K (lec) VOC-113  
& ONLINE Cadden K (lab)  
CONTACT: cadden.k@mccd.edu  

IN-CLASS SESSIONS: Mondays; 05:30p-07:20p; VOC-113.  
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. Computer applications including word processing, spreadsheets, databases, and presentation managers will be covered.  
ONLINE/HYBRID  
2392 $ ONLINE Garcia Martinez J  
CONTACT: juan.garcia955@mccd.edu  

2394 $ ONLINE Robinson D  
CONTACT: robinson.d@mccd.edu Students must CHECK COLLEGE EMAIL account BY THE FIRST DAY of the semester, if not a few days EARLIER, for important instructions on getting started with this course.  

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. Abstract data types, fundamental data structures and associated algorithms: lists, stacks, queues and trees. Students will be expected to design, implement, test and analyze a number of programs.  
ONLINE/HYBRID  
2324 TTh 05:30p-07:20p Kanemoto K (lec) VOC-113  
& ONLINE Kanemoto K (lab)  
CONTACT: kanemoto.k@mccd.edu

IN-CLASS SESSIONS: Tuesdays & Thursdays; 05:30p-07:20p; VOC-113.  
COMMENTS: Lab hours to be held online.  

COMMENTS: Lab hours will be online.  

CONTACT: For course-specific questions contact penney.b@mccd.edu.
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, benefits, costs, 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

2306  HYBRID  Porter S  
IN-CLASS SESSIONS: Lecture - Tuesdays and Thursdays; 04:00p-04:50p; IAC-123.
COMMENTS: 2 hours lecture will be ONLINE.
2316  HYBRID  Trook D  
IN-CLASS SESSIONS: Lecture - Mondays and Wednesdays; 08:00a-08:50a; IAC-124.
COMMENTS: 2 hours lecture will be ONLINE.
2326  HYBRID  Trook D  
IN-CLASS SESSIONS: Lecture - Tuesdays and Thursdays; 09:00a-09:50a; IAC-124.
COMMENTS: 2 hours lecture will be ONLINE.
2930  HYBRID  Rempel D  
Section 2930 is held from 03/20/17 to 05/26/17.
CONTACT: rempel.d@mccd.edu
IN-CLASS SESSIONS: Lecture - Mondays and Wednesdays; 11:00a-12:50p; PS-2.
COMMENTS: 4 hours lecture will be Online.

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. Students write expository, analytical, and argumentative essays informed by assigned readings, discussion, and/or research.

ONLINE/HYBRID

2304  ONLINE  Kahler S  CONTACT: For course-specific questions contact shirley.kahler@mccd.edu.
2319  ONLINE  Kahler S  CONTACT: For course-specific questions contact shirley.kahler@mccd.edu.
2332  ONLINE  Hundley A  CONTACT: For course-specific questions contact hundley.a@mccd.edu.
2342  ONLINE  Huntington P  CONTACT: For course-specific questions, contact pamela.huntington@mccd.edu.
2360  ONLINE  Ortiz K  CONTACT: For course-specific questions contact ken.ortiz@mccd.edu. For technology problems contact the Student Help Desk at www.mccd.edu/myhelp/ or (209) 381-6565.
2386  ONLINE  Rempel D  CONTACT: For course-specific questions, contact the professor @ denise.rempel@mccd.edu.
2396  ONLINE  Long J  CONTACT: For course-specific questions contact the instructor @ long.j@mccd.edu.
2333  HYBRID  Taylor C  CONTACT: For course-specific questions, contact Candace.taylor@mccd.edu.
IN-CLASS SESSIONS: Lecture – Mondays and Wednesdays; 10:00a-10:50a; VOC-139.
COMMENTS: 2 hours lecture will be ONLINE.
2356  HYBRID  Mumford J  IN-CLASS SESSIONS: Lecture - Tuesdays and Thursdays; 08:00a-08:50p; IAC-124.
2379  HYBRID  Huntington P  CONTACT: For course-specific questions contact pamela.huntington@mccd.edu.
IN-CLASS SESSIONS: Lecture - Mondays and Wednesdays; 02:00p-03:15p; IAC-120.
COMMENTS: 1 1/2 hours lecture will be ONLINE.
2303  HYBRID  Porter S  IN-CLASS SESSIONS: Lecture - Mondays and Wednesdays; 11:00a-11:50a; VOC-138.
COMMENTS: 2 hours lecture will be ONLINE.

GEOGRAPHY (GEOG)

GEOG-01 PHYSICAL GEOGRAPHY
(C-ID GEOG 110) [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

2358  ONLINE  Morimoto D  CONTACT: morimoto.d@mccd.edu or (209) 384-6349
COMMENTS: Access code and login REQUIRED within the first week of instruction.

GEOG-02 WORLD GEOGRAPHY
(C-ID GEOG 125 ) [CSU breadth area A] [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

2327  ONLINE  Morimoto D  CONTACT: morimoto.d@mccd.edu or (209) 384-6349
COMMENTS: Access code and login REQUIRED within the first week of instruction.
This comprehensive course integrates the cultivation of skills, values, and attitudes indicative of confident, capable students/individuals with problem solving and critical/creative thinking.

ONLINE/HYBRID
2334 $ ONLINE Smith D
CONTACT: dennell.smith@mccd.edu
2351 $ ONLINE Vang N
CONTACT: gina.vang1@mccd.edu
2917 ONLINE Clark S
Section 2917 is held from 03/20/17 to 05/26/17.

GUID-48 LIFE AND CAREER PLANNING
3 units: 3 hours lecture.
Advisory: ENGL-85.
This is a structured sequential course in life and career planning. Experiences are provided that encompass education, occupation, and job trends.

ONLINE/HYBRID
2350 $ ONLINE Garcia C
CONTACT: garcia.c@mccd.edu

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. Each student will identify his/her educational goal and develop an appropriate plan for achieving that goal.

ONLINE/HYBRID
2352 $ ONLINE Cambridge I
CONTACT: cambridge.i@mccd.edu
2335 $ ONLINE Soto G
CONTACT: soto.g@mccd.edu
2918 ONLINE Soto G
Section 2918 is held from 03/20/17 to 05/26/17.
2916 ONLINE Cambridge I
Section 2916 is held from 03/20/17 to 05/26/17.

HEALTH (HLTH)
HLTH-10 CONTEMPORARY HEALTH
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. Mental health, stress, alcohol, drugs, tobacco, disease processes, nutrition, fitness, sexuality, aging, environmental issues, and other related topics are studied and examined.

ONLINE/HYBRID
2357 ONLINE Devine N
CONTACT: devine.n@mccd.edu
2328 ONLINE Devine N
CONTACT: devine.n@mccd.edu

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. The course covers the social, political, economic, and constitutional development of the nation.
This course is designed for prospective and current teachers who wish to acquire in-depth knowledge about the selection and use of children’s literature in the K-8 classroom.

**ONLINE/HYBRID**

2338 ONLINE Pimentel M
CONTACT: myshel.pimentel@mccd.edu
IN-CLASS SESSIONS: January 25th, March 15th, April 19th, May 17th; 05:30-07:50pm; IAC-123. 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.

**OPEN MATH LAB**
Merced Campus SCI-201
Monday, Tuesday, Wednesday, Thursday ........................................... 09:00a-07:00p
Friday ........................................................................................... 09:00a-01:00p

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.

**MATHEMATICS (MATH)**

**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**

2308 ONLINE Meidinger M
CONTACT: meidinger.m@mccd.edu
IN-CLASS SESSIONS: MANDATORY - Mid-Term #1 - March 01, 2017; 12:00p-01:50p; SCI-111. Mid-Term #2 - April 12, 2017; 12:00p-01:50p; SCI-111. MANDATORY - Final Exam - May 24, 2017; 12:00p-01:50p; SCI-111. COMMENTS: Students should check their Merced College email for instructions from the instructor on or before the first day of class. An optional on-campus meeting with the instructor will be held on January 25, 2017; 12:00p-01:50p; SCI-111. Students are expected to check their college email for instructions to log into the course by January 18, 2017 or risk being withdrawn from the course.

**2375 $ ONLINE Albert M**
CONTACT: maria.albert@mccd.edu;
ORIENTATION: MANDATORY: January 17, 2017; 11:00a-12:50p; SCI-207.
IN-CLASS SESSIONS: MANDATORY - Mid-Term - March 21, 2017; 11:00a-12:50p; SCI-207. MANDATORY - Final Exam - May 23, 2017; 11:00a-12:50p; SCI-207.
COMMENTS: Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students.

**2376 $ ONLINE Diaz L**
CONTACT: lisa.diaz@mccd.edu
ORIENTATION: MANDATORY - January 17, 2017; 03:00p-04:50p; SCI-203.
IN-CLASS SESSIONS: MANDATORY - Mid-term #1 - February 27, 2017; 03:00p-04:50p; SCI-203. MANDATORY - Mid-term #2 - April 10, 2017; 03:00p-04:50p; SCI-203. MANDATORY - Final Exam - May 22, 2017; 03:00p-04:50p; SCI-203. COMMENTS: Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students.

**2353 $ ONLINE Montoya J**
CONTACT: montoya.j@mccd.edu; (209) 386-6654
ORIENTATION: MANDATORY - January 19, 2017; 02:00p-03:50p; SCI-110.
IN-CLASS SESSIONS: MANDATORY - Mid-Term - March 23, 2017; 02:00p-03:50p; SCI-110. MANDATORY - Final Exam - May 25, 2017; 01:00p-02:50p; SCI-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**

2354 ONLINE Meidinger S
CONTACT: meidinger.s@mccd.edu
ORIENTATION: MANDATORY: January 17, 2017; 02:00p-03:50p; SCI-111.
IN-CLASS SESSIONS: MANDATORY - Mid-term #1 - February 28, 2017; 02:00p-03:50p; SCI-111. MANDATORY - Mid-term #2 - May 02, 2017; 02:00p-03:50p; SCI-111. MANDATORY - Final Exam - May 23, 2017; 01:00p-02:50p; SCI-111. COMMENTS: 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**

2313 ONLINE Meidinger M
CONTACT: meidinger.m@mccd.edu
Lecture: MANDATORY - Tuesdays from 08:00-09:50a in IAC-144. Two hours of lecture online per week.
COMMENTS: Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students.
MATH-10 ELEMENTARY STATISTICS
(C-ID MATH 110) (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
2325 $  
ONLINE Clark J
CONTACT: clark.j@mccd.edu; (209) 384-6331
ORIENTATION: MANDATORY - January 18, 2017; 03:00p-04:50p; SCI-203.
IN-CLASS SESSIONS: MANDATORY - Mid-Term - March 22, 2017; 03:00p-04:50p; SCI-203. MANDATORY - Final Exam - May 24, 2017; 04:00p-05:50p; SCI-203.
COMMENTS: Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students.

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, and graphs, trigonometric functions and their graphs, identities, inverse trigonometry functions, solve trigonometric equations, solve right triangles using the Law of Sines, and Law of Cosines.

ONLINE/HYBRID
2330 $  
ONLINE Mitchell P
CONTACT: patrick.mitchell@mccd.edu
ORIENTATION: MANDATORY - January 20, 2017; 09:00a-10:50a; VOC-112.
IN-CLASS SESSIONS: MANDATORY - Mid-Term - March 17, 2017; 09:00a-10:50a; VOC-112. MANDATORY - Final Exam - May 26, 2017; 09:00a-10:50a; VOC-112.
COMMENTS: Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students.

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
2312 $  
ONLINE Bruley M
CONTACT: bruley.m@mccd.edu
ORIENTATION: MANDATORY: January 17, 2017; 02:00p-03:50p; SCI-110.
IN-CLASS SESSIONS: MANDATORY - Mid-Term #1 - March 07, 2017; 02:00p-03:50p; SCI-110. MANDATORY - Mid-Term #2 - April 25, 2017; 02:00p-03:50p; SCI-110. MANDATORY - Final Exam - May 23, 2017; 01:00p-02:50p; SCI-110.

REGISTRATED 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
2346 ONLINE Schindler W

NUTRITION (NUTR)
NUTR-10 NUTRITION
(C-ID NUTR 110) (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
2349 ONLINE Hobbs J
CONTACT: jennifer.hobbs@mccd.edu
ORIENTATION: MANDATORY - Tuesday, January 17, 2017; 04:00p-05:00p; COM-2.
2348 ONLINE Pecchenino M
CONTACT: pecchenino.m@mccd.edu
ORIENTATION: MANDATORY: Wednesday, January 18, 2017; 04:00p-04:50p; COM-2.
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. Topics include nutrition for disease states as well as normal nutrition needs.

ONLINE/HYBRID
2915 ONLINE Gerling S
Section 2915 is held from 01/17/17 to 03/17/17.
MANDATORY -ORIENTATION: Friday January 20, 2017; 10:00-11:50a; VOC-115.
IN CLASS SESSION: Friday February 10, 2017; 10:00-11:50a; VOC-115. IN CLASS FINAL EXAM: Friday March 17, 2017; 10:00-11:50a; VOC-115.

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
2399 ONLINE Gardner J
CONTACT: jennifer.gardner@mccd.edu
COMMENTS: Students need to log-in within the first two days of class or they will be dropped.

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
2322 ONLINE Clifford J
CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.
2365 ONLINE Clifford J
CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.
2372 ONLINE Murphy J
CONTACT: For course-specific questions contact joel.murphy@mccd.edu. For technology problems contact the help desk at www.mccd.edu/myhelp/ or (209) 381-6565.

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
2336 ONLINE Bluett-Murphy V
CONTACT: For course-specific questions contact victoria.bluett-murphy@mccd.edu. For technology problems contact the help desk at www.mccd.edu/myhelp/ or (209) 381-6565.
2362 ONLINE Marquez-Ramirez M
CONTACT: For course-specific questions contact martina.marquez@mccd.edu.
2910 ONLINE Clifford J
Section 2910 is held from 03/20/17 to 05/26/17.
CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.
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
9139 $ MW 02:00p-03:55p Blackmore C VOC-114
Section 9139 is held from 01/17/17 to 03/17/17.

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
9147 $ M 02:00p-03:50p Carroll C VOC-114
Section 9147 is held from 03/22/17 to 05/26/17.

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
Women’s Basketball.
9601 DAILY 12:00p-01:50p Huddleston A YM-1
Section 9601 is held from 01/17/17 to 03/17/17.
Men’s Basketball.
9600 MTWTh 02:00p-04:25p Russell W GYM-1
Section 9600 is held from 01/17/17 to 03/17/17.

ATHL-03 ATHLETIC CONDITIONING
.5-2 units: 1.5-6 hours lab.
Limitation on enrollment: This is a 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.

MERCED
9168 DAILY 08:00a-09:10a Huddleston A FHA
Section 9168 is held from 12/26/16 to 01/13/17.
9317 DAILY 08:00p-09:10p Russell W FHA
Section 9317 is held from 12/26/16 to 01/13/17.
9118 DAILY 08:00a-08:10a Devine N FHA
Section 9118 is held from 12/26/16 to 01/13/17.

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 advisor’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.

MERCED
9127 MWF 12:00p-01:50p Huddleston A GYM-1
Section 9127 is held from 03/20/17 to 05/26/17.
9184 MWTh 02:00p-03:50p Russell W GYM-1
Section 9184 is held from 03/20/17 to 05/26/17.

ATHL-36B THEORY AND ANALYSIS OF BASKETBALL
1 unit: 1 hour lecture.
This course presents the fundamental knowledge of basketball through techniques of lecture, discussions, and video analysis.

MERCED
9133 TTh 05:30p-08:20p Russell W GYM-1
Section 9133 is held from 01/17/17 to 03/17/17.

AUTOMOTIVE TECHNOLOGY (AUTO)

AUTO-36 AUTOMOTIVE MANUAL TRANSMISSIONS AND DRIVE TRAINS
4 units: 3 hours lecture, 3 hours lab.
Advisories: AUTO-04, ENGL-85, MATH-80, MATH-85.
This course is designed for the student without any prior experience in standard transmissions or drive axles.

MERCED
9403 WC MTWTh 09:00a-10:15a Weepers M IT-4B
& MTWTh 10:16a-11:50a Weepers M IT-4B
Section 9403 is held from 03/20/17 to 05/25/17.
Section 9403 requires a $10 Lab Manual.
9404 WC MTWTh 01:00p-02:50p Weepers M IT-4B
& MTWTh 02:51p-04:55p Weepers M IT-4B
Section 9404 is held from 03/17/17 to 05/26/17.
LC This is a Learning Community course which requires registration in: AUTO-36-9404, AUTO-41-9186, AUTO-43-9405, and AUTO-46-9401.
Section 9404 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.

MERCED
9186 WC MTWTh 08:00a-09:00a Gregory A IT-4A
& MTWTh 09:01a-12:10p Gregory A IT-4A
Section 9186 is held from 01/17/17 to 03/17/17.
Section 9186 requires a $10 Lab Manual.
LC This is a Learning Community course which requires registration in: AUTO-36-9404, AUTO-41-9186, AUTO-43-9405, and AUTO-46-9401.
9400 WC MTWTh 08:00a-09:00a Gregory A IT-4A
& MTWTh 09:01a-12:10p Gregory A IT-4A
Section 9400 is held from 01/17/17 to 03/17/17.
Section 9400 requires a $10 Lab Manual.
AUTO-43 AUTOMOTIVE FUEL SYSTEMS
4 units: 3 hours lecture, 3 hours lab.
One-way corequisite: AUTO-04, AUTO-63. Advisories: AUTO-42; ENGL-85; MATH-80 or MATH-85.
This course covers the testing and service of automotive fuel systems, including fuel injection systems, electronic engine controls, and emission controls.

MERCED
9405 WC MTWTh 09:00a-10:15a Gregory A IT-4A
& MTWTh 10:16a-11:30a Gregory A IT-4A
Section 9405 is held from 03/20/17 to 05/25/17.
Section 9405 requires a $10 Lab Manual.

LC This is a Learning Community course which requires registration in: AUTO-36-9404, AUTO-41-9186, AUTO-43-9405, and AUTO-46-9401.

9406 WC MTWTh 01:00p-02:15p Gregory A IT-4A
& MTWTh 02:16p-03:30p Gregory A IT-4A
Section 9406 is held from 03/20/17 to 05/25/17.
Section 9406 requires a $10 Lab Manual.

AUTO-46 AUTOMATIC TRANSMISSIONS
4 units: 2 hours lecture, 6 hours lab.
Advisories: AUTO-04, AUTO-63; ENGL-85; MATH-80, MATH-85.
This course will cover domestic and import automatic transmissions and transaxles. Rebuilding will include diagnosis, inspection, repair, and testing. Theory will cover power flow, apply devices, hydraulics, torque converters, and computer controls.

MERCED
9401 WC MTWTh 12:45p-01:45p Weepers M IT-4B
& MTWTh 01:46p-03:05p Weepers M IT-4B
Section 9401 is held from 03/20/17 to 05/25/17.
Section 9401 requires a $10 Lab Manual.

LC This is a Learning Community course which requires registration in: AUTO-36-9404, AUTO-41-9186, AUTO-43-9405, and AUTO-46-9401.

9402 WC MTWTh 05:00p-06:00p Weepers M IT-4B
& MTWTh 06:01p-07:20p Weepers M IT-4B
Section 9402 is held from 01/17/17 to 03/16/17.
Section 9402 requires a $10 Lab Manual.

CHILD DEVELOPMENT (CLDV)
CLDV-99 HUMAN DEVELOPMENT (ALSO: PSYC-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 interplay of biological, psychological, social, and cultural forces on the developing human being.

ONLINE/HYBRID
2911 ONLINE Clifford J
Section 2911 is held from 03/17/17 to 05/26/17.
CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

CRIMINAL JUSTICE (CRIM)
CRIM-42D RESERVE OFFICER MODULE LEVEL 2
[CILC area D]
10 units: 162 total hours lecture, 54 total hours lab.
Limitation on enrollment: 1 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. 2 The absence of medical conditions that would prevent strenuous physical training during arrest and control methods training, use of force, and crimes in progress. Physicians’ clearance indicating good physical health must be presented to instructor at first class meeting. 3 Student must possess a valid California Drivers’ License.
Prerequisite: CRIM-42C. Advisory: ENGL-85.
This course satisfies the Level 2 Modular Format Basic Course training requirements of the Commission on Peace Officer Standards and Training (POST). Students missing more than 5% of class time will not be allowed to complete the class (POST regulations).

MERCED
9163 TTh 06:00p-09:50p Gregory B/Noblett D
& S 08:00a-04:50p Gregory B/Noblett D
VOC-141
Section 9163 is held from 01/17/17 to 05/05/17.
Section 9163 requires 149 hours by arrangement and will meet on Saturdays and Sundays; 08:00a-04:50p to include a 30 minute lunch break; dates to be announced. Section 9163 requires a $250 fee for materials and ammunition.

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
9171 WC MTWTh 01:00p-02:25p Thornburgh J VOC-40
& MTWTh 02:26p-05:05p Thornburgh J VOC-40
Section 9171 is held from 01/17/17 to 02/23/17.

LC This is a Learning Community course which requires registration in: DRFT-04A-9171, DRFT-04D-9172, DRFT-05-9169, DRFT-10-9173, DRFT-25-9170, AND DRFT-35-9174.

9279 WC MTWTh 01:00p-02:25p Thornburgh J VOC-40
& MTWTh 02:26p-05:05p Thornburgh J VOC-40
Section 9279 is held from 01/17/17 to 02/23/17.

DRFT-04D ADVANCED PARAMETRIC MODELING
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: DRFT-04C.
This course uses Inventor and SolidWorks. Students will use advanced commands in both programs. Some of the topics covered are 3D sketches, Tabular Parts, Large Assemblies, and Top-Down Assemblies.

MERCED
9172 WC MTWTh 08:30a-09:45a Thornburgh J VOC-40
& MTWTh 09:46a-12:00p Thornburgh J VOC-40
Section 9172 is held from 02/27/17 to 04/06/17.
This is a Learning Community course which requires registration in: DRFT-04A-9171, DRFT-04D-9172, DRFT-05-9169, DRFT-10-9173, DRFT-25-9170, AND DRFT-35-9174.

9280 WC MTWTh 08:30a-09:45a Thornburgh J VOC-40
& MTWTh 09:46a-12:00p Thornburgh J VOC-40
Section 9280 is held from 02/27/17 to 04/06/17.

DRFT-05 TECHNICAL GRAPHICS
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: DRFT-04A or DRFT-04C. Advisories: ENGL-84; MATH-80 or MATH-85; READ-81.
This course utilizes computer graphics to prepare engineering drawings including geometric constructions, multi-view drawing, sectioning, auxiliary views, pictorial drawing, and tolerancing. It contains a strong tie to ANSI Y14.5.

MERCED
9169 WC MTWTh 08:15a-09:40a Thornburgh J VOC-40
& MTWTh 09:41a-12:20p Thornburgh J VOC-40
Section 9169 is held from 01/17/17 to 02/23/17.
This is a Learning Community course which requires registration in: DRFT-04A-9171, DRFT-04D-9172, DRFT-05-9169, DRFT-10-9173, DRFT-25-9170, AND DRFT-35-9174.

9274 WC MTWTh 08:15a-09:40a Thornburgh J VOC-40
& MTWTh 09:41a-12:20p Thornburgh J VOC-40
Section 9274 is held from 01/17/17 to 02/23/17.
SHORT TERM CLASSES

DRFT-10 RENDERING AND ANIMATION
3 units: 2 hours lecture, 3 hours lab.
Advisory: DRFT-04C or DRFT-42B.
This course uses 3DS Max Design. Students will learn how to create objects in 3DS, Box Modeling, Material mapping, Rendering, and Animation. Students will also learn how to import objects for use in animations and how to complete basic video editing.

MERCEDE
9173 WC MTWTh 08:30a-09:45a Thornburgh J VOC-40 & MTWTh 09:46a-12:00p Thornburgh J VOC-40 LC Section 9173 is held from 04/10/17 to 05/25/17.

This is a Learning Community course which requires registration in: DRFT-04A-9171, DRFT-04D-9172, DRFT-05-9169, DRFT-10-9173, DRFT-25-9170, AND DRFT-35-9174.

9275 WC MTWTh 08:30a-09:45a Thornburgh J VOC-40 & MTWTh 09:46a-12:00p Thornburgh J VOC-40 Section 9275 is held from 04/10/17 to 05/25/17.

DRFT-25 DESCRIPTIVE GEOMETRY
3 units: 2 hours lecture, 3 hours lab.
This course involves the use of computer-aided drafting and hand sketching to solve problems and communicate ideas.

MERCEDE
9170 WC MTWTh 12:30p-01:45p Thornburgh J VOC-40 & MTWTh 01:46p-04:00p Thornburgh J VOC-40 LC Section 9170 is held from 02/27/17 to 04/06/17.

This is a Learning Community course which requires registration in: DRFT-04A-9171, DRFT-04D-9172, DRFT-05-9169, DRFT-10-9173, DRFT-25-9170, AND DRFT-35-9174.

9276 WC MTWTh 12:30p-01:45p Thornburgh J VOC-40 & MTWTh 01:46p-04:00p Thornburgh J VOC-40 Section 9276 is held from 02/27/17 to 04/06/17.

DRFT-35 CAPSTONE DESIGN PROJECT
3 units: 2 hours lecture, 3 hours lab.
Prerequisites: DRFT-04C or DRFT-43. One-way corequisite: DRFT-10.
This course will guide students in the design process. Students will learn the steps in creating a new design (identify problem, planning, research, design, documentation, presentation).

MERCEDE
9174 WC MTWTh 01:00p-02:15p Thornburgh J VOC-40 & MTWTh 02:16p-04:30p Thornburgh J VOC-40 LC Section 9174 is held from 04/10/17 to 05/25/17.

This is a Learning Community course which requires registration in: DRFT-04A-9171, DRFT-04D-9172, DRFT-05-9169, DRFT-10-9173, DRFT-25-9170, AND DRFT-35-9174.

9277 WC MTWTh 01:00p-02:15p Thornburgh J VOC-40 & MTWTh 02:16p-04:30p Thornburgh J VOC-40 Section 9277 is held from 04/10/17 to 05/25/17.

DRFT-44 PRINT READING AND SKETCHING
3 units: 2 hours lecture, 3 hours lab.
Advisories: READ-B1, ENGL-B4; MATH-B0 or MATH-B5.
This course is for technical students and other personnel who must be skilled in reading industrial prints.

MERCEDE
9018 WC MTWTh 01:00p-02:10p Russell C MA-2 & MTWTh 02:11p-04:20p Russell C MA-2 LC Section 9018 is held from 01/17/17 to 03/02/17.

This is a Learning Community course which requires registration in: WELD-06-9010, WELD-07-9011, WELD-40A-9012, WELD-40B-9013, WELD-46-9014, and DRFT-44-9018.

9278 WC MTWTh 01:00p-02:10p Russell C MA-2 & MTWTh 02:11p-04:20p Russell C MA-2 Section 9278 is held from 01/17/17 to 03/02/17.

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.

MERCEDE
9205 TWTTh 05:00p-09:50p Heidelbach C THTR-STG Section 9205 is held from 1/24/17 to 2/23/17.
Auditions will be held 1/24/17; 05:00p-9:50p; THTR-STG. Registration NOT allowed before first night of class. Students registering for DRAM-02-9205 must also register for DRAM-02L-9206.

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.

MERCEDE
9206 54 hours by arrangement Heidelbach C THTR-STG Section 9206 is held from 2/27/17 to 3/19/17.
MANDATORY ORIENTATION: February 27, 2017; 05:00p-9:50p; THTR-STG. Registration NOT allowed before first night of class.

DRAM-04 ACTOR'S WORKSHOP
2 units: 2 hours lecture.
Limitation on enrollment: Enrollment by audition or interview, instructor signature required. One-way corequisite: DRAM-04L. Advisory: ENGL-85.
This course is an individual examination of basic acting techniques as applied to laboratory scenes and commencing in actual public performance. Critical evaluation, demonstration, and written reviews are required.

MERCEDE
9024 TWTTh 05:00p-08:50p Morriston J THTR-STG Section 9024 is held from 3/21/17 to 4/6/17.
Auditions will be held 3/21/17; 05:00p-8:50p; THTR-STG. Registration NOT allowed before first night of class. Students registering for DRAM-04-9024 must also register for DRAM-04L-9025.

DRAM-04L ACTOR'S WORKSHOP LAB
1 unit: 3 hours lab.
Limitation on enrollment: Enrollment by audition or interview, instructor signature required. Advisory: ENGL-85.
This course focuses on practical application in technical rehearsals and public performance of rehearsal skills, promotion, production skills and performance techniques begun in Actor's Workshop.

MERCEDE
9025 54 hours Morriston J THTR-STG Section 9025 is held from 4/10/17 to 4/30/17.
MANDATORY ORIENTATION: April 10, 2017; 05:00p-09:50p; THTR-STG. Registration NOT allowed before first night of class.
ELECTRICITY -- ELECTRONICS (ELCT)
ELCT-30 EXPLORING THE WORLD OF ELECTRICITY AND ELECTRONICS
3 units: 3 hours lecture.
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.

MERCED
1608 WC TTh 02:00p-03:15p Hamilton A AG-10

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
9261 WC MTWTh 01:00p-02:10p Walls W VOC-42
& MTWTh 02:11p-04:20p Walls W VOC-42
LC Section 9261 is held from 01/17/17 to 03/02/17.
This is a Learning Community course which requires registration in:

9281 WC MTWTh 01:00p-02:10p Walls W VOC-42
& MTWTh 02:11p-04:20p Walls W VOC-42
Section 9281 is held from 01/17/17 to 03/02/17.

ELCT-36 NETWORKING TOPOLOGIES AND CABLES
3 units: 2 hours lecture, 3 hours lab.
Advisories: ELCT-51B; ENGL-85; MATH-80 or MATH-85.
This is a course designed to provide the student with information and knowledge to prepare for the industry-standard Building Industry Consulting Service International (BICSI) Register installer.

MERCED
9262 WC MTWTh 01:00p-02:15p Walls W VOC-42
& MTWTh 02:16p-04:30p Walls W VOC-42
LC Section 9262 is held from 03/06/17 to 04/13/17.
This is a Learning Community course which requires registration in:

9282 WC MTWTh 01:00p-02:15p Walls W VOC-42
& MTWTh 02:16p-04:30p Walls W VOC-42
Section 9282 is held from 03/06/17 to 04/13/17.

ELCT-40C ROUTING AND SWITCHING IN THE ENTERPRISE
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: CPSC-40B or ELCT-40B.
Complex configurations of switching devices in the enterprise network are introduced to students. Variable Length Subnet Masking (VLSM) is emphasized and Internet Protocol version 6 (IPv6) is introduced in device configurations.

MERCED
9258 WC MTWTh 08:00a-09:10a Walls W VOC-42
& MTWTh 09:11a-11:20a Walls W VOC-42
LC Section 9258 is held from 01/17/17 to 03/02/17.
This is a Learning Community course which requires registration in:

9284 WC MTWTh 08:00a-09:10a Walls W VOC-42
& MTWTh 09:11a-11:20a Walls W VOC-42
Section 9284 is held from 01/17/17 to 03/02/17.

ELCT-40D DESIGNING AND SUPPORTING COMPUTER NETWORKS
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: ELCT-40C.
This course introduces students to network design processes using two examples: a large stadium enterprise network and a medium-sized film company network.

MERCED
9259 WC MTWTh 08:00a-09:30a Walls W VOC-42
& MTWTh 09:31a-12:15p Walls W VOC-42
LC Section 9259 is held from 03/06/17 to 04/06/17.
This is a Learning Community course which requires registration in:

9285 WC MTWTh 08:00a-09:30a Walls W VOC-42
& MTWTh 09:31a-12:15p Walls W VOC-42
Section 9285 is held from 03/06/17 to 04/06/17.

ELCT-51B A+ CERTIFICATION TRAINING
[CILC area A]
3 units: 2 hours lecture, 3 hours lab.
Advisory: ELCT-51A; ENGL-85; MATH-80 or MATH-85.
This is a course designed to provide the student with a working knowledge of the hardware and software used with personal computers (PCs).

MERCED
9260 WC MTWTh 08:00a-09:30a Walls W VOC-42
& MTWTh 09:31a-12:15p Walls W VOC-42
LC Section 9260 is held from 04/10/17 to 05/18/17.
This is a Learning Community course which requires registration in:

9286 WC MTWTh 08:00a-09:30a Walls W VOC-42
& MTWTh 09:31a-12:15p Walls W VOC-42
Section 9286 is held from 04/10/17 to 05/18/17.

ELCT-53A SOLAR INSTALLER COURSE 1
3 units: 2 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-80 or MATH-85.
This is an introductory course that will examine and implement the design and installation of a working solar photovoltaic power system.

MERCED
9005 WC MTWTh 01:00p-02:10p Nagano J IT-3
& MTWTh 02:11p-04:20p Nagano J IT-3
LC Section 9005 is held from 01/17/17 to 03/02/17.
This is a Learning Community course which requires registration in:

9287 WC MTWTh 01:00p-02:10p Nagano J IT-3
& MTWTh 02:11p-04:20p Nagano J IT-3
Section 9287 is held from 01/17/17 to 03/02/17.

ELCT-56 INTRODUCTION TO MECHATRONICS
4 units: 2 hours lecture, 6 hours lab.
Prerequisite: ELCT-42A. Advisory ELCT-31, ELCT-42B.
This course introduces students to mechatronics, the rapidly developing field that integrates mechanical, electronic and software engineering in the service of advanced manufacturing.

MERCED
9007 WC MTWTh 08:00a-08:50a Hamilton A IT-3
& MTWTh 08:51a-11:20a Hamilton A IT-3
LC Section 9007 is held from 03/06/17 to 05/18/17.
This is a Learning Community course which requires registration in:

9283 WC MTWTh 08:00a-08:50a Hamilton A IT-3
& MTWTh 08:51a-11:20a Hamilton A IT-3
Section 9283 is held from 03/06/17 to 05/18/17.
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. 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 classes, please call (209) 384-6058 or stop by the VOC-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.

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 is the second 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-50B classes, please call (209) 384-6058 or stop by the VOC-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.

MERED
9066  TTh 05:30p-09:20p Aanstad J  VOC-39 Section 9066 is held 01/17/17 to 03/03/17.

LOS BANOS
9900  MW 05:30p-09:20p Staff LB-B-101

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. Students write expository, analytical, and argumentative essays informed by assigned readings, discussion, and/or research.

MERED
2930  HYBRID  Rempel D Section 2930 is held from 03/20/17 to 05/26/17. CONTACT: rempel.d@mccd.edu IN-CLASS SESSIONS: Lecture - Mondays and Wednesdays; 11:00a-12:50p; PS-2. COMMENTS: 4 hours lecture will be Online.

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.

MERED
9122  WC MTWTh 10:30a-11:30a Barba M IAC-122 Section 9122 is held from 02/06/17 to 05/19/17.

FIRE TECHNOLOGY (FIRE)

FIRE-63A  BASIC FIREFIGHTER I, ACADEMY A
8 units: 7 hours lecture, 3 hours lab. Limitation on enrollment: Physician’s clearance for strenuous activity. Prerequisite: FIRE-30. Advisory: ENGL-85. This course provides manipulative and technical training in basic concepts of fire department organization, miscellaneous equipment and tools, fire behavior and extinguishment theory, fire fighter safety, self-contained breathing apparatus, and portable fire extinguishers.

MERED
9140  MWF 06:00p-09:50p Donnelly B VOC-39 & SSu 08:00a-04:50p Donnelly B VOC-39 Section 9140 is held from 01/17/17 to 03/17/17. Section 9140 requires 180 hours by arrangement and will meet on Saturdays and Sundays; 08:00a-04:50p to include a 30 minute lunch break; dates to be announced. During this course, there are modules offered that qualify for certain state and federal certifications. If the student passes the module, he/she may have the option to pay the state or federal costs of these certificates; approximate combined cost $60. Uniform required. Instructor signature required.

MERED
9902  MW 05:30p-09:20p Staff LB-B-101 Section 9902 is held 03/06/17 to 05/26/17.

Contact: rempel.d@mccd.edu for specific text/access code please see your instructor.

Supplemental Instruction class. See page 81 for details. WC-Web Component which will require you to have internet access.
GUIDANCE (GUID)

GUID-30 FOUNDATIONS AND STRATEGIES FOR COLLEGE SUCCESS
(CSU breadth area E)
3 units: 3 hours lecture.
Advisory: ENGL-83; READ-80.
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-45 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.

GUID-53 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. Each student will identify his/her educational goal and develop an appropriate plan for achieving that goal.

GUIDING (GUID)

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. Each student will identify his/her educational goal and develop an appropriate plan for achieving that goal.

ONLINE/HYBRID

FIRE-63B BASIC FIREFIGHTER I, ACADEMY B
8 units: 7 hours lecture, 3 hours lab.
Limitation on enrollment: Physician’s clearance for strenuous activity.
Prerequisite: FIRE-63A. Advisory: ENGL-85.
This course provides manipulative and technical training in basic concepts of ventilation, fire control, salvage and overhaul operations, fire protection systems, fire protection systems, fire prevention and investigation, communications, vehicle extraction, wildland fire fighting, urban interface, and hazardous materials.

MERCED
9141 MWF 06:00p-09:50p Donnelly B VOC-39 & SSu 08:00a-04:50p Donnelly B VOC-39
Section 9141 is held from 03/20/17 to 05/26/17.
Section 9141 requires 180 hours by arrangement and will meet on Saturdays and Sundays; 08:00a-04:50p to include a 30 minute lunch break; dates to be announced. During this course, there are modules offered that qualify for certain state and federal certifications. If the student passes the module, he/she may have the option to pay the state or federal costs of these certificates; approximate combined cost $60. Uniform required. Instructor signature required.

INDUSTRIAL TECHNOLOGY (INDT)

INDT-35 ELECTRICAL WIRING: RESIDENTIAL AND INDUSTRIAL
3 units: 2 hours lecture, 3 hours lab.
Advisory: READ-81; ENGL-84; MATH-80 or MATH-85.
This course covers basic residential and industrial theory. Topics include electrical theory, wiring in accordance with the latest version of the National Electrical Code or its adopted version.

MERCED
9006 WC MTWTh 08:00a-09:10a Hamilton A IT-3 & MTWTh 09:11a-11:20a Hamilton A IT-3
Section 9006 is held from 01/17/17 to 03/02/17.
This is a Learning Community course which requires registration in: ELCT-53A-9005, ELCT-56-9007, INDT-35-9006, AND INDT-41-9008.
9288 WC MTWTh 08:00a-09:10a Hamilton A IT-3 & MTWTh 09:11a-11:20a Hamilton A IT-3
Section 9288 is held from 01/17/17 to 03/02/17.

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
9128 MWF 10:00a-11:35a McCall S POOL
Section 9128 is held from 03/13/17 to 05/26/17.
LANDSCAPE HORTICULTURE (LAND)

LAND-14 LANDSCAPE CONSTRUCTION AND INSTALLATION
3 units: 2 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-80.
This course covers the fundamentals of landscape construction including soil preparation, paving and construction materials, hand and power tool use, turf and plant installation, plan reading, estimating and bid preparation.

9121 WC TTh 10:00a-11:50a Tassey B PS-2
TTh 11:50a-03:05p Tassey B PS-2
Section 9121 is held from 01/17/17 to 03/16/17.

LAND-50 RESIDENTIAL GARDENING
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course teaches the basic needs in residential gardening. Included in this course are plant identification, basic landscape design, sprinkler installation and care, fumigation and lawn installation, pruning, pest and disease recognition and control, soils, fertilization, and weed control. Also included will be foliage plant care for interiors. This course may be repeated three times.

MERCEDE 9185 WC TTh 02:00p-04:50p Tassey B PS-2
Section 9185 is held from 03/21/17 to 05/25/17.

MANAGEMENT (MGMT)

THE MANAGEMENT SERIES AT THE BUSINESS RESOURCE CENTER:

MGMT-50A CHALLENGES OF LEADERSHIP: DIFFICULT PEOPLE/TOUGH CONVERSATIONS
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to equip the participant with skills needed to deal with the various challenges of leading people. Pass/No Pass only.

MERCEDE 9701 W 01:00p-05:15p Pistoresi J BRC-122
Section 9701 is held 03/08/17 and 03/15/17.
9159 Th 08:00a-12:15p Pistoresi J BRC-122
Section 9159 is held 03/02/17 and 03/09/17.
9160 Th 01:00p-05:15p Pistoresi J BRC-122
Section 9160 is held 03/02/17 and 03/09/17.

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.

MERCEDE 9153 Th 08:00a-12:15p Zdanowski M BRC-122
Section 9153 is held 05/18/17 and 05/25/17.
9154 Th 01:00p-05:15p Zdanowski M BRC-122
Section 9154 is held 05/18/17 and 05/25/17.

MGMT-50D COMMUNICATION IN THE WORKPLACE
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.

MERCEDE 9155 Th 08:00a-12:15p Pistoresi J BRC-122
Section 9155 is held 01/19/17 and 01/26/17.
9156 Th 01:00p-05:15p Pistoresi J BRC-122
Section 9156 is held 01/19/17 and 01/26/17.

MGMT-50F TEAM BUILDING
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to provide the student with an understanding of how teams work together, common problems teams encounter, and how to solve them. Pass/No Pass only.

MERCEDE 9157 Th 08:00a-12:15p Pistoresi J BRC-122
Section 9157 is held 03/23/17 and 03/30/17.
9158 Th 01:00p-05:15p Pistoresi J BRC-122
Section 9158 is held 03/23/17 and 03/30/17.

MGMT-50H CUSTOMER SERVICE
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to provide the student with certain key skills and attitudes in order to effectively meet the needs of customers. Pass/No Pass only.

MERCEDE 9302 Th 08:00a-12:15p Pistoresi J BRC-122
Section 9302 is held 02/09/17 and 02/23/17.
9303 Th 01:00p-05:15p Pistoresi J BRC-122
Section 9303 is held 02/09/17 and 02/23/17.

MGMT-50I ATTITUDE IN THE WORKPLACE
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.

MERCEDE 9161 Th 08:00a-12:15p Pistoresi J BRC-122
Section 9161 is held 04/13/17 and 04/27/17.
9162 Th 01:00p-05:15p Pistoresi J BRC-122
Section 9162 is held 04/13/17 and 04/27/17.

MGMT-50K GENERATIONAL DIVERSITY: MANAGING CROSS GENERATIONAL TEAMS
0.5 unit: 0.5 hour lecture.
America has multiple generations working side by side in the workplace. This course is designed to equip students with knowledge and skills to work with and lead cross-generational teams. Pass/No Pass only.

MERCEDE 9700 W 01:00p-05:15p Pistoresi P BRC-122
Section 9700 is held 02/09/17 and 02/15/17.
9300 Th 08:00a-12:15p Pistoresi P BRC-121
Section 9300 is held 02/02/17 and 02/09/17.
9301 Th 01:00p-05:15p Pistoresi P BRC-121
Section 9301 is held 02/02/17 and 02/09/17.

MGMT-50L AUTHENTIC LEADERSHIP: KNOW YOURSELF/LEAD YOUR PEOPLE
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to help participants recognize the importance of authenticity in leadership. Pass/No Pass only.

MERCEDE 9703 W 01:00p-05:15p Pistoresi J BRC-122
Section 9703 is held 05/10/17 and 05/17/17.
9266 Th 08:00a-12:15p Pistoresi J BRC-122
Section 9266 is held 05/04/17 and 05/11/17.
9267 Th 01:00p-05:15p Pistoresi J BRC-122
Section 9267 is held 05/04/17 and 05/11/17.
THE EVENING MANAGEMENT SERIES:

12345 indicates sequence in which courses should be taken.

**MGMT-50H CUSTOMER SERVICE 1**
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to provide the student with certain key skills and attitudes in order to effectively meet the needs of customers. Pass/No Pass only.

**MERCED**
9150 T 05:30p-08:20p Pistoresi J AHC-125
Section 9150 is held 01/17/17 to 01/31/17.

**MGMT-50B VALUES AND ETHICS 2**
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**
9148 T 05:30p-08:20p Zdanowski M AHC-125
Section 9148 is held 02/07/17 to 02/21/17.

**MGMT-50K GENERATIONAL DIVERSITY: MANAGING CROSS GENERATIONAL TEAMS 3**
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
America has multiple generations working side by side in the workplace. This course is designed to equip students with knowledge and skills to work with and lead cross-generational teams. Pass/No Pass only.

**MERCED**
9151 T 05:30p-08:20p Pistoresi J AHC-125
Section 9151 is held 02/28/17 to 03/14/17.

**MGMT-52D MANAGING ORGANIZATIONAL CHANGE 5**
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**
9152 T 05:30p-08:20p Pistoresi J AHC-125
Section 9152 is held 04/11/17 to 05/02/17.
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
9135 MTWTh 10:00a-11:50a Meidinger S SCI-202
Section 9135 is held from 03/20/17 to 05/25/17.
Section 9135 requires students to register for MATH-81-9136.

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
9138 $ MTWF 09:00a-10:50a Sutterfield M SCI-208
Section 9138 is held from 03/20/17 to 05/26/17.
Section 9138 requires students to register for MATH-25-9137.

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
9137 $ MWF 09:00a-10:50a Sutterfield M SCI-208
Section 9137 is held from 03/20/17 to 03/17/17.
Section 9137 requires students to register for MATH-02-9138.

MATH-80 PREALGEBRA
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.
MERCED
9072 MTWTh 02:00p-03:50p Staff IAC-144
Section 9072 is held from 01/17/17 to 03/16/17.
Section 9072 requires students to register for MATH-81-9079.
9069 MTWF 08:00a-09:50a Reali J VOC-140
Section 9069 is held from 03/20/17 to 05/26/17.
Section 9069 requires students to register for MATH-91-9068.

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.
MERCED
9136 MTWTh 10:00a-11:50a Meidinger S SCI-202
Section 9136 is held from 01/17/17 to 03/16/17.
Section 9136 requires students to register for MATH-C-9135.
9079 MTWTh 02:00p-03:50p Staff IAC-144
Section 9079 is held from 03/20/17 to 05/25/17.
Section 9079 requires students to register for MATH-80-9072.

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.
MERCED
9130 MWF 10:00a-11:50a Bell S SCI-207
Section 9130 is held from 03/20/17 to 05/26/17.
Section 9130 requires students to register for MATH-91-9131.

MATH-91 FUNDAMENTALS OF DECIMALS AND FRACTIONS
3 units: 3 hours lecture.
Prerequisite: MATH-90. Advisories: READ-80.
This course begins with a short review of the whole number system using basic computational skills.
MERCED
9068 MWF 08:00a-09:50a Reali J VOC-140
Section 9068 is held from 03/20/17 to 05/25/17.
Section 9068 requires students to register for MATH-80-9069.
9131 MWF 10:00a-11:50a Bell S SCI-207
Section 9131 is held from 03/20/17 to 05/26/17.
Section 9131 requires students to register for MATH-90-9130.

MECHANIZED AGRICULTURE & DIESEL EQUIPMENT MECHANICS (MECH)
MECH-23 DIESEL FUEL SYSTEMS DIAGNOSTICS
2 units: 1 hour lecture, 3 hours lab.
Advisories: ENGL-85; MATH-80.
This course includes the study of common types of diesel fuel injection systems.
MERCED
9020 WC MTWTh 01:00p-01:50p Donovan T MA-1
& MTWTh 01:51p-04:20p Donovan T MA-1
& LC Section 9020 is held from 02/27/17 to 03/30/17.
This is a Learning Community course which requires registration in: MECH-23-9020, MECH-24-9002, MECH-27-9003, MECH-32-9004, and WELD-06-9009.
9290 WC MTWTh 01:00p-01:50p Donovan T MA-1
& MTWTh 01:51p-04:20p Donovan T MA-1
& Section 9290 is held from 02/27/17 to 03/30/17.

MECH-24 POWER TRAINS
4 units: 2 hours lecture, 6 hours lab.
Advisories: ENGL-85; MATH-80.
This course is a study of the function and repair of a power train from the clutch through the final drive.
MERCED
9002 WC MTWTh 08:00a-09:00a Fishman D MA-1
& MTWTh 09:01a-11:50a Fishman D MA-1
& LC Section 9002 is held from 01/17/17 to 03/21/17.
This is a Learning Community course which requires registration in: MECH-23-9020, MECH-24-9002, MECH-27-9003, MECH-32-9004, and WELD-06-9009.
9291 WC MTWTh 08:00a-09:00a Fishman D MA-1
& MTWTh 09:01a-11:50a Fishman D MA-1
& Section 9291 is held from 01/17/17 to 03/21/17.
MECH-27 APPLIED DIESEL TECHNICAL SKILLS
2 units: 1 hours lecture, 3 hours lab.
Prerequisite: MECH-22A. Advisory: ENGL-85; MATH-85.
This course includes applied skill in the service and repair of diesel engines and their sub-systems.

MECRED
9003 WC MTWTh 01:00p-01:50p Donovan T MA-1
& MTWTh 01:51p-04:20p Donovan T MA-1
LC Section 9003 is held from 04/03/17 to 05/11/17.
This is a Learning Community course which requires registration in: MECH-23-9020, MECH-24-9002, MECH-27-9003, MECH-32-9004, and WELD-06-9009.

9292 WC MTWTh 01:00p-01:50p Donovan T MA-1
& MTWTh 01:51p-04:20p Donovan T MA-1
Section 9292 is held from 04/03/17 to 05/11/17.

MECH-31 EQUIPMENT SAFETY
1 unit: 1 hour lecture.
This course is a study of safety on and about farm equipment and machines. The safety rules and laws that apply to agriculture equipment will be stressed.

MECRED
9257 WC F 12:00p-04:15p Fishman D MA-1
Section 9257 is held from 01/20/17 to 02/10/17.

MECH-32 APPLIED ELECTRICAL AND HYDRAULIC SERVICE
3 units: 2 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-80; MECH-21, MECH-26.
This course is designed to give the student knowledge and competencies in modern cab and chassis electrical, electronic, electron hydraulic, and hydraulic systems.

MECRED
9004 WC MTWTh 12:30p-01:55p Donovan T MA-1
& MTWTh 01:56p-04:35p Donovan T MA-1
LC Section 9004 is held from 01/17/17 to 02/23/17.
This is a Learning Community course which requires registration in: MECH-23-9020, MECH-24-9002, MECH-27-9003, MECH-32-9004, and WELD-06-9009.

9293 WC MTWTh 12:30p-01:55p Donovan T MA-1
& MTWTh 01:56p-04:35p Donovan T MA-1
Section 9293 is held from 01/17/17 to 02/23/17.

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.

MECRED
9208 TTh 05:30p-08:20p Keane F VOC-8
Section 9208 is held from 01/17/17 to 03/17/17.

9209 TTh 05:30p-08:20p Keane F VOC-8
Section 9209 is held from 03/20/17 to 05/26/17.

VOCATIONAL 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.

MECRED
9101 F 08:00a-09:50a Brown S AHC-130
Section 9101 is held from 01/20/17 to 03/17/17.
**NUTR-70H ADVANCED BAKING AND BUSINESS**
1.5 unit: 1 hour lecture, 1.5 hours lab.
Prerequisite: NUTR-50 or NUTR-70G. Advisory: MATH-80.
This course is designed to advance students to the next level of bakery production. A continued focus on quality baked items, including pastries and cakes. Business aspects regarding cost control and quality assurance will be taught and practiced. This lecture and laboratory course will prepare, produce and learn aspects of sales.

**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.

**PHILOSOPHY (PHIL)**

**PHIL-10 CRITICAL THINKING**
(CSU breadth area A3) [CILC area G]
3 units: 3 hours lecture.
Prerequisite: 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.

**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. Students will learn how to express in Spanish the most basic functions of everyday life. This course is not recommended for native speakers – native speakers should enroll in SPAN-10.

**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.

**CONTACT**
www.mccd.edu/myhelp/ for information about logging into ONLINE courses. Contact Susan Flatt, flatten@ mccd.edu for information about the course content.

**COMMENTS**
Students must log on between January 30-February 5, 2016 for Orientation.
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

9009 WC MTWTh 08:00a-09:30a Fishman D MA-1
& MTWTh 09:31a-12:15p Fishman D MA-1
LC Section 9009 is held from 03/27/17 to 05/04/17.
This is a Learning Community course which requires registration in: MECH-23-9020, MECH-24-9002, MECH-27-9003, MECH-32-9004, and WELD-06-9009.

9010 WC MTWTh 08:00a-10:15a Russell C PS-2
& MTWTh 10:00a-11:50a Russell C IT-6
LC Section 9010 is held from 01/17/17 to 03/02/17.
This is a Learning Community course which requires registration in: WELD-06-9010, WELD-07-9011, WELD-40A-9012, WELD-40B-9013, WELD-46-9014, and DRFT-44-9018.

9294 WC MTWTh 08:00a-10:00a Russell C PS-2
& MTWTh 10:00a-11:50a Russell C IT-6
Section 9294 is held from 01/17/17 to 03/02/17.

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

9011 WC MTWTh 08:30a-10:00a Russell C PS-2
& MTWTh 10:00a-11:50a Russell C IT-6
LC Section 9011 is held from 03/06/17 to 03/23/17.
This is a Learning Community course which requires registration in: WELD-06-9010, WELD-07-9011, WELD-40A-9012, WELD-40B-9013, WELD-46-9014, and DRFT-44-9018.

9295 WC MTWTh 08:30a-10:00a Russell C PS-2
& MTWTh 10:00a-11:50a Russell C IT-6
Section 9295 is held from 03/06/17 to 03/23/17.

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

9012 WC MTWTh 08:30a-10:00a Russell C PS-2
& MTWTh 10:00a-11:50a Russell C IT-6
LC Section 9012 is held from 03/27/17 to 04/13/17.
This is a Learning Community course which requires registration in: WELD-06-9010, WELD-07-9011, WELD-40A-9012, WELD-40B-9013, WELD-46-9014, and DRFT-44-9018.

9296 WC MTWTh 08:30a-10:00a Russell C PS-2
& MTWTh 10:00a-11:50a Russell C IT-6
Section 9296 is held from 03/27/17 to 04/13/17.

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

9256 WC TTh 05:00p-06:50p Fishman D AG-11
& TTh 07:00p-10:05p Fishman D IT-6
Section 9256 is held from 01/17/17 to 03/16/17.

9013 WC MTWTh 08:30a-10:00a Russell C PS-2
& MTWTh 10:00a-11:50a Russell C IT-6
LC Section 9013 is held from 04/24/17 to 05/11/17.
This is a Learning Community course which requires registration in: WELD-06-9010, WELD-07-9011, WELD-40A-9012, WELD-40B-9013, WELD-46-9014, and DRFT-44-9018.

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

9607 WC TTh 05:10p-08:00p Staff IT-6
Section 9607 is held from 03/21/17 to 05/25/17.

9014 WC MTWTh 08:30a-03:30p Russell C IT-6
LC Section 9014 is held from 05/15/17 to 05/25/17.
This is a Learning Community course which requires registration in: WELD-06-9010, WELD-07-9011, WELD-40A-9012, WELD-40B-9013, WELD-46-9014, and DRFT-44-9018.

WELD-51  INTRODUCTORY PIPE WELDING
2 units: 1 hour lecture, 3 hours lab.
Prerequisite: MECH-06 or WELD-06; WELD-07. Advisories: MATH-85; READ-81, ENGL-84.
This course is an introduction to pipe and tube fitting and welding. Industry standards established by the American Welding Society (AWS) and the American Petroleum Institute (API) are used as the basis for instruction. This course meets the needs of the food processing and liquid/gas material handling industries.

MERced

9175 WC MW 05:30p-06:30p Russell C AG-11
& MW 06:30p-09:20p Russell C IT-6
Section 9175 is held from 01/17/17 to 03/22/17.
### 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.

**MERCED**
- 1568 TTh 09:30a-10:45a Modafferi E SCI-111
- 1569 TTh 09:30a-10:45a Modafferi E SCI-111

### 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**
- 1158 $ MWF 01:00p-01:50p Dawson D SCI-110
- 1159 $ MWF 01:00p-01:50p Dawson D SCI-110
- 1256 $ MWF 01:00p-01:50p Dawson D SCI-110

### 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**
- 1150 $ MWF 10:00a-10:50a Tenn B SCI-110
- 1152 $ MWF 10:00a-10:50a Tenn B SCI-110
- 1988 $ MWF 10:00a-10:50a Tenn B SCI-110

### MATH-10 ELEMENTARY STATISTICS
(C-ID MATH 110) (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.

**MERCED**
- 1083 $ MWF 08:00a-08:50a Diaz L SCI-204

### 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**
- 1476 $ MWThF 11:00a-11:50a Rieg K IAC-143

### 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.

**MERCED**
- 1463 $ MWThF 09:00a-09:50a Dawson C IAC-144

### ENGL-01A COLLEGE COMPOSITION AND READING
(C-ID ENGL 100) (CSU breadth area A2) (IGETC area 1A) [C-ID ENGL 110]
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. Students write expository, analytical, and argumentative essays informed by assigned readings, discussion, and/or research.

**MERCED**
- 1235 WC MWF 09:15a-10:20a Barba M VOC-110
- 1220 WC TTh 10:00a-11:50a Flatt S VOC-143

### ENGL-13 CRITICAL REASONING AND WRITING (ALSO: PHIL-13)
(CSU breadth area A3) [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**
- 1151 WC MWF 12:00p-12:50p McBride J SCI-204

### PHIL-13 CRITICAL REASONING AND WRITING (ALSO: ENGL-13)
(C-ID ENGL 105) (CSU breadth area A3) (IGETC area 1B) [C-ID ENGL 110]
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**
- 1666 WC MWF 12:00p-12:50p McBride J SCI-204

### 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**
- 1035 WC SI TTh 12:30p-01:45p Daughdrill J IAC-124

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**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.

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**SI**-Supplemental Instruction class. See page 81 for details.

WC-Web Component which will require you to have internet access.

$-Requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.
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
ART-02 ART HISTORY: RENAISSANCE THROUGH 20TH CENTURY
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.

ART-06 SURVEY OF MODERN ART
(CSU breadth area C1)
3 units: 3 hours lecture.
Prerequisite: ENGL-85. Advisory: ENGL-01A.
This course is an introduction to understanding and signing American Sign Language and appreciating the basic elements of the deaf culture.

ART-17A INTRODUCTION TO CERAMICS
3 units: 2 hours lecture, 3 hours lab.
Advisory: 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.

ATHL-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.

ART (ART)
ART-17B INTERMEDIATE CERAMICS
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: ART-17A. Advisory: ENGL-F-2.
This is an intermediate course in ceramic p:r:te:v:y 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 est.min.(2) 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.

LOS BANOS
8100 MW 05:30p-07:45p Caredio S PACHS
Section 8100 is located at Pacheco High School; Room K-1; 200
Ward Rd., Los Banos.

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. Students will explore foundation-level concepts
while surveying materials used in drawing as an art form, as well as the
history of their development.

LOS BANOS
4104 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
4106 TTh 02:00p-04:15p Donovan M LB-B-101

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
2390 ONLINE
Contact: latham@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.

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-4A; ENGL-85.
This course is an intensive study of the structure of the human body.
Consideration is given to the skeletal, muscular, circulatory, respiratory,
digestive, excretory, reproductive, and nervous systems.

LOS BANOS
4144 WC TTh 01:00p-01:50p Latham E LB-B-106
& TTh 09:00a-11:50a Latham E LB-B-104
4146 WC TTh 01:00p-01:50p Latham E LB-B-106
& TTh 02:00p-04:50p Latham E LB-B-104

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. The course is designed
for students in any of the allied health professions.

LOS BANOS
4148 WC MW 11:00a-11:50a Latham E LB-B-104
& MW 01:00p-03:50p Latham E LB-B-104

BUSINESS (BUS)

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.

LOS BANOS
8176 WC MW 07:00p-08:50p 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
4192 $ MW 12:30p-01:45p Sigismond D LB-B-107
& W 09:00a-11:50a Sigismond D LB-B-105
4194 $ MW 12:30p-01:45p Sigismond D LB-B-107
& W 02:00p-04:50p Sigismond D LB-B-105
**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.  

**LOCATIONS**  
4250  MW  12:30p-01:45p  Rigby K  LB-B-134

**COMPUTER SCIENCE (CPSC)**  

**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 designed to teach general principles of chemistry emphasizing nomenclature, chemical equations, stoichiometry, concentration, gas laws, atomic structure, bonding, intermolecular forces, and crystalline solids.  

**LOCATIONS**  
4252  $  TTh  08:00a-10:15a  Moreno M  LB-A-109  
8252  $  MW  07:00p-09:15p  Garcia Martinez J  LB-A-108

**COOPERATIVE EDUCATION (COOP)**  
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. Seventy-five (75) hours of paid work equals 1 unit of co-operative education; 60 hours volunteer work equals 1 unit of cooperative education.  

Registering in section 3002, 3003, or 3004 will place you on a waiting list for the course. To complete the registration process, students MUST attend one of several mandatory orientations offered during the first week of school. After the orientation, students will be enrolled in the appropriate section based on a combination of factors, including their job site(s) and major or occupational goal(s).  

Students may register for a co-op course in person or online. Merced Campus students wishing to enroll in person may visit the Career Center located in the Lesher Student Services Center. Los Banos Campus students wishing to enroll in person will meet with a counselor in Student Services located in Building A.

Please check the Co-operative Education webpage for updated information on the orientations:  

**LOCATIONS**  
3002  Co-op 2 units  
3003  Co-op 3 units  
3004  Co-op 4 units
**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.

- LOS BANOS
  - 9900 MW 05:30p-09:20p Staff LB-B-101
  - Section 9900 is held 01/17/17 to 03/03/17.

**ECONOMICS (ECON)**

- 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.

- LOS BANOS
  - 8310 WC MW 05:30p-06:45p McNally T LB-B-106

**ENGLISH (ENGL)**

- ENGLISH 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. Students write expository, analytical, and argumentative essays informed by assigned readings, discussion, and/or research.

- ONLINE/HYBRID
  - 2396 ONLINE Long J
  - CONTACT: For course-specific questions contact the instructor at long.j@mccd.edu.

- LOS BANOS
  - 4346 WC MW 10:00a-11:50a Kludt K LB-B-110
  - 4348 WC MW 12:00p-01:50p Kimoto S LB-B-112
  - 4350 WC MW 02:00p-03:50p Flanagan J LB-B-135
  - 4356 TTh 08:00a-09:50a Staff LB-B-136
  - 4352 WC TTh 10:00a-11:50a Kimoto S LB-B-135
  - 4354 WC TTh 12:00p-01:50p Chavez C LB-B-136
  - 8346 WC TTh 05:30p-07:20p Chavez C LB-B-136

- CRITICAL READING AND WRITING (ALSO: PHIL-13)
  - (CSU breadth area A3) (CILC area G) (C-ID ENGL 105)
  - 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
  - 4358 WC MW 12:30p-01:45p Chavez C LB-B-135
  - 4360 WC TTh 09:30a-10:45a Nelson K LB-B-112
  - 4362 WC F 09:00a-11:50a Barnes L LB-B-136

- 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.

- LOS BANOS
  - 4366 WC MW 08:00a-10:15a Mingua-Lopstain D LB-B-112
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.

LOS BANOS
4368 WC MW 08:00a-10:15a Kimoto S LB-B-135
4370 WC TTh 12:30p-02:45p Keesonick S LB-B-135
8368 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.

LOS BANOS
4378 $ MW 10:00a-11:50a Nelson K LB-B-136

4386 $ TTh 10:00a-11:50a Staff LB-B-136
& TTh 12:30p-01:45p Staff LB-A-109

4420 $ TTh 02:00p-03:50p Cook J LB-B-136
& TTh 04:00p-05:15p Cook J LB-A-109

GEOGRAPHY (GEOG)
GEOG-01 PHYSICAL GEOGRAPHY
(C-ID GEOG 110) (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.

LOS BANOS
8452 WC W 07:00p-09:50p Bloom K LB-B-134

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.

LOS BANOS
4476 $ TTh 09:30a-10:45a Aalgaard K LB-B-106
4478 $ F 09:00a-11:50a Aalgaard K LB-B-137

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. Each student will identify his/her educational goal and develop an appropriate plan for achieving that goal.

LOS BANOS
4480 $ TTh 11:00a-12:15p Aalgaard K LB-B-106
Section 4480 requires the purchase of access to the MTBI Assessment for approximately $13.20. Additional information will be provided in class.

HISTORY (HIST)
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. The course covers the social, political, economic, and constitutional development of the nation.

ONLINE/HYBRID
2393 ONLINE Gardner J
CONTACT: jennifer.gardner@mccd.edu
COMMENTS: Students need to log in within the first two days of class or they will be dropped.

2397 ONLINE Cook J
CONTACT: For course-specific questions contact james.cook@mccd.edu.
COMMENTS: Students need to log in within the first two days of class.

2398 ONLINE Gardner J
CONTACT: For course-specific questions contact jennifer.gardner@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. It examines national, state, and local history from the late 19th century to the present.

LOS BANOS
4502 WC TTh 09:30a-10:45a Gardner J LB-B-107
4500 TTh 02:00p-03:15p Cook J LB-B-107

HUMANITIES (HUM)
HUM-02 STUDIES IN HUMANITIES -- RENAISSANCE TO PRESENT
(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 the Renaissance to the present. Students will examine the continuities of human endeavors through fine arts, literatures, philosophies, religions, and the sciences, with an integration of certain non-Western cultures.

LOS BANOS
4526 F 09:00a-11:50a Friaz R LB-B-106
**KINESIOLOGY (KINE)**

**KINE-30  GROUP EXERCISE (Aerobics or Yoga/Pilates)**
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.

**LOS BANOS**
4656  
MW  
12:30p-01:45p  
Mendes D  
LBPC  
Section 4656 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**
8658  
TTh  
06:00p-07:15p  
Toscano D  
LBHS  
Section 8658 is located at Los Banos High School; 1966 11th St; Room 502; Los Banos.

**THE MANAGEMENT SERIES AT THE LOS BANOS CAMPUS**

**MGMT-50D  COMMUNICATION IN THE WORKPLACE**
0.5 unit; 0.5 hour lecture.
Advisory: READ-81, ENGL-84.
This course is designed to introduce the student to key elements in communication within business organizations. Pass/No Pass only.

**LOS BANOS**
9793  
W  
08:00a-12:15p  
Staff  
LB-B-101  
Section 9793 is held on 02/01/17 and 02/08/17.

**MGMT-50F  TEAM BUILDING**
0.5 unit; 0.5 hour lecture.
Advisory: READ-81, ENGL-84.
This course is designed to provide the student with an understanding of how teams work together, common problems teams encounter, and how to solve them. Pass/No Pass only.

**LOS BANOS**
9790  
W  
08:00a-12:15p  
Staff  
LB-B-101  
Section 9790 is held on 04/05/17 and 04/12/17.

**MGMT-50H  CUSTOMER SERVICE**
0.5 unit; 0.5 hour lecture.
Advisory: READ-81, ENGL-84.
This course is designed to provide the student with certain key skills and attitudes in order to effectively meet the needs of customers. Pass/No Pass only.

**LOS BANOS**
9792  
W  
08:00a-12:15p  
Staff  
LB-B-101  
Section 9792 is held on 03/01/17 and 03/08/17.

**MGMT-50I  ATTITUDE IN THE WORKPLACE**
0.5 unit; 0.5 hour lecture.
Advisory: 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.

**LOS BANOS**
9791  
W  
08:00a-12:15p  
Staff  
LB-B-101  
Section 9791 is held on 05/03/17 and 05/10/17.

**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.

**LOS BANOS**

9903  
W  
08:00a-12:15p  
Lacey E  
LB-B-101  
Section 9903 is held on 01/11/17 and 01/18/17.

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.

**MATHEMATICS (MATH)**

**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.

**LOS BANOS**

4576  
MW  
08:00a-09:50a  
Schlinger C  
LB-B-134  
4578  
MW  
12:00p-01:50p  
Schlinger C  
LB-B-110  
4580 $  
TTh  
10:00a-11:50a  
Shumaker N  
LB-B-134  
4582 $  
TTh  
02:00p-03:50p  
Shumaker N  
LB-B-106  
8580 $  
TTh  
05:30p-07:20p  
Kim T  
LB-B-110

**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**

4584  
TTh  
12:00p-01:50p  
Bryan J  
LB-B-137

**MATH-10  ELEMENTARY STATISTICS**
(C-ID MATH 110) (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.

**LOS BANOS**

4586  
MW  
09:30a-10:45a  
Schumaker N  
LB-B-107  
4598  
TTh  
12:30p-01:45p  
Schlinger C  
LB-B-110

**MATH-15  FINITE MATHEMATICS**
(C-ID MATH 130) (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.

**LOS BANOS**

4592  
TTh  
08:00a-09:15a  
Schlinger C  
LB-B-134

**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**

4596  
MW  
02:00p-03:15p  
Kim T  
LB-B-110

**LC-Learning Community class. See page 55 for details.**
**S-Supplemental Instruction class. See page 81 for details.**
**$-Requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.**
**WC-Web Component which will require you to have internet access.**

•  LOS BANOS  •  91
MATH-80 PREALGEBRA
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.

LOS BANOS
4604 MW 10:00a-11:50a Kim T LB-B-111
4606 MW 12:00p-01:50p Shumaker N LB-B-137
4608 TTh 02:00p-03:50p Kim T LB-B-111
8606 $ TTh 05:30p-07:20p Narvaez J LB-B-111

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
4610 $ MW 10:00a-11:50a Bryan J LB-B-106
4612 $ MW 12:00p-01:50p Bryan J LB-B-110
4614 TTh 10:00a-11:50a Schlinger C LB-B-110
8610 $ MW 05:30p-07:20p Bhaskar H LB-B-110

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.

LOS BANOS
4600 TTh 12:30p-01:45p Bryan J LB-B-111

MATH-91 FUNDAMENTALS OF DECIMALS AND FRACTIONS
3 units: 3 hours lecture.
Prerequisite: MATH-90. Advisories: READ-80.
This course begins with a short review of the whole number system using basic computational skills.

LOS BANOS
4602 MW 12:30p-01:45p Albertson I LB-B-111
4616 MW 02:00p-03:15p Albertson I LB-B-111

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
8626 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
8628 T 07:00p-09:50p Gomes K LB-B-106

NUTRITION (NUTR)
NUTR-10 NUTRITION
(C-ID NUTR 110) (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.

LOS BANOS
4632 WC F 09:00a-11:50a Staff LB-B-112

PHILOSOPHY (PHIL)
PHIL-13 CRITICAL REASONING AND WRITING (ALSO: ENGL-13)
(C-ID ENGL 105) (CSU breadth area A3) (IGETC area 1B) [CILD 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
4646 WC MW 12:30p-01:45p Chavez C LB-B-135
4648 WC TTh 09:30a-10:45a Nelson K LB-B-112
4650 F 09:00a-11:50a Barnes L LB-B-111

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.

LOS BANOS
4664 TTh 08:00a-09:15a Gomes A LB-B-110
Section 4664 orientation meeting will be held in LB-A-103; all other class meetings will be held off campus at Oliveira Park; corner of Ortigalita and Cardoza; Los Banos.

PHYSICAL SCIENCE (PHSC)
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.

LOS BANOS
8674 WC M 07:00p-09:50p Fan S LB-B-134

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
2399 ONLINE Gardner J
CONTACT: jennifer.gardner@mccd.edu
COMMENTS: Students need to log-in within the first two days of class or they will be dropped.

LOS BANOS
4696 WC MW 12:30p-01:45p Gardner J LB-A-103
4698 WC TTh 08:00a-09:15a Gardner J LB-B-107

LC-Learning Community class. See page 55 for details.
$-Requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.
WC-Web Component which will require you to have internet access.
## PSYCHOLOGY (PSYC)

**PSYC-01A INTRODUCTION TO PSYCHOLOGY**  
(C-ID PSY 110) (CSU breadth area D) (IGETC area 4)  
3 units: 3 hours lecture.  
Prerequisite: PSYC-01A or PSYC-01AH; MATH-10 or PSYC-05.  
Advisory: ENGL-01A.  
This course is a survey course designed to provide an introduction to the facts and theories underlying human behavior.  

**LOS BANOS**  
4702 WC MW  08:00a-09:15a  Coahran S  LB-B-107

**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.  
Advisory: ENGL-01A.  
This course reviews psychological methods of research.  

**LOS BANOS**  
4706 WC TTh  02:00p-03:15p  Coahran S  LB-B-134

**PSYC-05 INTRODUCTION TO STATISTICS IN PSYCHOLOGY**  
(C-ID SOCI 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.  

**LOS BANOS**  
4710 WC TTh  08:00a-09:15a  Gargano G  LB-B-111

**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.  

**LOS BANOS**  
8710 WC M  05:30p-08:20p  Anaya Y  LB-B-106

**PSYC-25 INTRODUCTION TO ABNORMAL PSYCHOLOGY**  
(C-ID PSY 120) (CSU breadth area D) (IGETC area 4)  
3 units: 3 hours lecture.  
Advisory: 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.”  

**LOS BANOS**  
4712 WC MW  02:00p-03:15p  Coahran S  LB-B-106

## 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.  

**LOS BANOS**  
4392 WC TTh  08:00a-09:15a  Long J  LB-B-135  
& TTh  09:30a-10:45a  Long J  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**  
4402 WC MW  11:00a-12:15p  Koeppnick S  LB-B-135  
& MW  12:30p-01:45p  Koeppnick 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**  
4732 WC TTh  08:00a-09:15a  Coahran S  LB-B-106  
8734 WC Th  05:30p-08:20p  Sanchez G  LB-B-106

**SOC-03 MARRIAGE AND THE FAMILY**  
(C-ID SOCI 130)  
3 units: 3 hours lecture.  
Advisories: ENGL-85.  
This course provides an overview of sociological theories and concepts utilized to investigate marriage and family relationships.  

**LOS BANOS**  
4740 MW  11:00a-12:15p  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**  
4746 $ TTh  11:00a-01:15p  Cortes S  LB-B-112  
4748 $ MW  02:00p-04:15p  Wynne C  LB-B-112

**SPAN-02 ELEMENTARY SPANISH II**  
(SPAN 110) (CSU breadth area C2) (IGETC area 3B/6)  
5 units: 5 hours lecture.  
Prerequisite: SPAN-01 or two years of high school Spanish.  
This course is recommended for students who have completed two years of high school Spanish; it is not recommended for native speakers. Native speakers should enroll in SPAN-11.  

**LOS BANOS**  
8750 $ TTh  05:30p-07:45p  Wynne C  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**  
4766 $ TTh  02:00p-04:15p  Cortes S  LB-B-112

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**LC**-Learning Community class. See page 55 for details.  
**SI**-Supplemental Instruction class. See page 81 for details.  
**WC**-Web Component which will require you to have internet access.  

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M
e-LOS BANOS

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SERVICES FOR STUDENTS

(MC) = Merced 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.

(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
E-MAIL FOR STUDENTS
Free student e-mail is available to all students who attend Merced College. The e-mail account may be accessed from within the Student Portal at https://mc4me.mccd.edu. Grades and communication about your registration group will be sent to your Merced College e-mail address. Your e-mail address (firstname.lastname@campus.mccd.edu) will allow you to send information to your college instructors and other college officials.

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/
Spring 2017 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 SPRING 2017 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; SPRING 2017 hours:
Monday, Tuesday, Wednesday, Thursday: 07:45a-08:00p
Friday: 08:00a-03:00p

PARKING
Merced Campus SPRING 2017
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. 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-operative 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/dss/ 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.

Instructional Labs

Computer Lab
In-class non-credit registration
Merced Campus, Communications Building, Rm 2 and Rm 5
SPRING 2017 hours
Monday, Tuesday, Wednesday, Thursday: 08:00a-07:00p
Friday: 08:00a-01:00p
Los Banos Campus, LB-A-108 SPRING 2017 hours
In-class non-credit registration
Monday, Tuesday, Wednesday, Thursday: 10:30a-02:30p

Math Lab
Merced Campus, SCI-201 SPRING 2017 hours
Monday, Tuesday, Wednesday, Thursday: 09:00a-07:00p
Friday: 09:00a-01:00p
Los Banos Campus, LB-A-108 SPRING 2017 hours
Monday and Wednesday: 02:30a-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

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
SPRING 2017 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 Spring 2017 Semester
ENGLISH AS A SECOND LANGUAGE AND PRE-COLLEGE ENGLISH SEQUENCE 2016-2017

ENGL-01A (4 units)
College Composition and Reading

ENGL-85 (5 units)
Foundations in Academic Literacy

READ-81 (4 units)
Foundations in Reading III

READ-80 (4 units)
Foundations in Reading II

ENGL-84 (5 units)
Foundations in Writing III

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
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 in our Kids Connection.
3. Trips and tours to museums, historic sites, sporting events, and cultural events or performances in other areas of California. Nominal fees are charged to offset the cost of the events and transportation. Escorted tours to locations throughout the world are also offered each year.
4. Traffic Safety School, licensed by the Department of Motor Vehicles, for adults and juveniles. With permission from the court of jurisdiction, taking this course will prevent your citation from appearing on your record. Traffic School Online, in English and in Spanish, is also available.

For more information about Community Services, call (209) 384-6224 or visit www.mercedcommunityservices.com.

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. The Medical Assistant Program prepares students for the California Certified 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.mercedcollegecaaa.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.

The CITDs serve over 2000 California businesses annually and offers the following value-added services:

- Assist 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 options. 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
HMNG-01, 02
HUM-01, 01H, 02, 02H, 15*, 21
JPNS-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)
Includes introductory or integrative survey courses in cultural anthropology, cultural geography, economics, psychology, sociology and related disciplines.

AGBS-11
AGRI-10
ANTH-02, 10*
CRIM-01
CON-01, 02
EC-02, 12
PSYC-01A, 01AH, 15, 25
SOC-01, 02, 03

(D2) History and Political Sciences ........................................... (3 units)
Includes introductory or integrative survey courses in history and political science.

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
LAND-11
LRNR-30
NUTR-10
PSYC-09*, 22, 23, 36, 40
REGN-34

(E2) Activity................................................................. (2 units)
ATHL-01A, 01B, 01D, 01G, 01L, 01J, 01K, 01L, 02A, 02B, 02D, 02G, 02I, 02K, 03, 13
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
COMPETENCY REQUIREMENTS

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.

**COMPANY AND INFORMATION LITERACY**

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.

**COMPANY AND INFORMATION LITERACY 2016-2017**

Following are the areas of Computer and Information Literacy that various Merced College courses fulfill.

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AP Examinations

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 2016-2017


- University of California Student Affairs Document accurate as of Oct. 2015
- California State University Systemwide Credit for External Exams Nov. 10, 2015

<table>
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<tr>
<th>AP Subject</th>
<th>Semester Credits Toward CSU-GE Breadth Certification</th>
<th>American Institutions and/or CSU-GE Breadth Area</th>
<th>Removal Date for GE Breadth</th>
<th>IGETC Applicability (3 sem/4qtr)</th>
<th>MC Associate Degree Breadth Areas &amp; unit credit</th>
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<td>AP Art History</td>
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<td>C1 or C2</td>
<td>3A/3B</td>
<td>C (3)</td>
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<td>AP Biology</td>
<td>4</td>
<td>B2 + B3</td>
<td>5B + lab</td>
<td>B2 (3)</td>
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<td>AP Calculus AB</td>
<td>3</td>
<td>B4</td>
<td>2A</td>
<td>A2 (3)</td>
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<tr>
<td>AP Calculus BC</td>
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<td>B4</td>
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<td>B1 + B3</td>
<td>5A+Lab</td>
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<td>AP Comparative Government &amp; Politics</td>
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<td>1A + 3B + A1 + C (6)</td>
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<tr>
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<td>C2</td>
<td>F11 6A + 3B C (3)</td>
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<td>AP Government/Politics</td>
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<td>3B/4F³ D2 (3)</td>
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</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 max 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.

08-26-16
TRANSFER REQUIREMENTS 2016-2017

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.

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.

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.
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 1/ Units</th>
<th>Minimum CSU Semester Credits Earned 3</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>50</td>
<td></td>
<td>C2 - 3 units</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Biology</td>
<td>BIOL-01 (B2)</td>
<td>50</td>
<td>4</td>
<td>B2 - 3 units</td>
<td>3</td>
</tr>
<tr>
<td>Calculus</td>
<td>MATH-04A (A2)</td>
<td>50</td>
<td>4</td>
<td>B4 -3 units</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry</td>
<td>CHEM-02A (B1)</td>
<td>50</td>
<td>4</td>
<td>B1 - 3 units</td>
<td>3</td>
</tr>
<tr>
<td>College Algebra</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-Trigonometry</td>
<td>50</td>
<td></td>
<td>B4 - 3 units</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>English Literature</td>
<td>ENGL-06A or ENGL-06B</td>
<td>50</td>
<td>3</td>
<td>C2 - 3 units F114</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>50</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>50</td>
<td>12</td>
<td>C2 - 3 units</td>
<td>12</td>
</tr>
<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>
</tr>
<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>
</tr>
<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>
</tr>
<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>
</tr>
<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>
</tr>
<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>Natural Sciences</td>
<td>50</td>
<td></td>
<td>B1 or B2 – 3 units</td>
<td>3</td>
<td></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>
</tr>
<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>
</tr>
<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>
</tr>
<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>
</tr>
<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>
</tr>
<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>
</tr>
<tr>
<td>Trigonometry</td>
<td>MATH-25 (A2)</td>
<td>50</td>
<td>3</td>
<td>B4 - 3 units F06</td>
<td>3</td>
</tr>
<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>
</tr>
<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>
</tr>
</tbody>
</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).

4/ Removal date for GE Breadth: Students seeking certification for GE Breadth prior to transfer must have passed the test before this date. 08-26-16
CSU-GE BREADTH CERTIFICATION REQUIREMENTS 2016-2017

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
GEOL-01, 01L, 15
PHYS-02A, 02B, 04A, 04B
B2 Life Science [AP, IB & CLEP accepted]
ANTH-01
BIOL-01, 02, 04A, 04B
PLSC-10
PSYC-15
B3 Laboratory Activity
ANTH-01L
ASTR-01L
BIOL-01, 02, 04A, 04B, 16, 18, 20, 32L
CHEM-02A, 02B, 04A, 04B
GEOL-01L
GEOL-01, 02, 03
PHSC-01L, 02L
PHYS-02A, 02B, 04A, 04B, 04C
PLSC-10
PSYC-15
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-06

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-04A, 10B
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, 29
HUM-01, 02
HUM-01H, 02, 02H, 15, 21
JPNS-01A, 01B, 02
PHIL-01H, 02, 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, 12
GEOI-02
HIST-04A, 04B, 05, 17A, 17AH, 17B, 17BH, 22, 23, 29
HUM-15
PHIL-02
POSC-01, 02
PSYC-01A, 01AH, 15, 22, 23, 25, 36
SOC-01, 03

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
KINE-42
NUTR-10
PSYC-09+, 22, 23, 40
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.
+CPSC-07=MATH=07
+CLDV-09=PSYC-09
IGETC 2016-2017

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**
- ENGLPHIL-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*, 29*  
- HMNG-02*  
- HUM-01, 01H, 02, 02H, 15*  
- PHIL-01, 01H, 02*, 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, 12  
- HIST-05*, 09A*, 17A*, 17AH*, 17B*, 17BH*, 22, 23, 29*  
- HUM-15*  
- PHIL-02*  
- PSYC-01A, 01AH, 15*, 22, 23, 25, 36  
- SOC-01, 03

**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, 15  
- GEOL-01, 02*, 03+  
- PHSC-01+, 02  
- 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, 02L  
- 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

08-26-16
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
### UC TCA 2015-2016

*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 UCOP (University of California Office of the President) transfer course agreement, and is valid for the current academic year listed at the top of this agreement. Courses marked with "UC-

<table>
<thead>
<tr>
<th>UC Course Code</th>
<th>UC Campus</th>
<th>Course Title</th>
<th>UC Campus</th>
<th>Course Title</th>
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<td>*Biol-01 w/lab (UC-S)</td>
<td>ENGL-06A UC-H</td>
<td>*KINE-13 ea</td>
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<td>ACTG-04B</td>
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**See Next Page for Important Information About UC’s Transferable Course Agreements**
PREREQUISITE, COREQUISITE, LIMITATION ON ENROLLMENT AND ADVISORY DEFINED

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. In addition, changes were made to clarify the limited circumstances in which a district may permit a student to enroll in the same credit course.

The following is the list of courses that are approved by the committee as Courses Related in Content:

#### Courses Related in Content

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<tr>
<th>Title 5 Sections</th>
<th>Course Code</th>
<th>Description</th>
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<td>Foundations</td>
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<td>55000, 55040, 55041</td>
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<td>ART-13B</td>
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* Course is currently approved to be repeated. Please read course description for the limited number of repeats allowed.
+ Course is not active.
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<th>Team Sports</th>
<th>Aquatics</th>
<th>Life Fitness</th>
<th>Individual or Dual Sports</th>
<th>Professional Photography</th>
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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 los estudiantes que califican para admisión. Futuros estudiantes deben de seguir las directivas generales sobre admisión y inscripción:
- Participar en los procesos de admisión y consejos.
- Cumplir la aplicación 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 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 a 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.

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.

Individuals 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 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; or
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.

Environmental
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 ensuring 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, shall expose students to no or minimal risk of harm. By enrolling and attending Merced College courses, students have volunteered as subjects, 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

Student Right-to-Know Disclosure
Completion Rate: 15.70%
Transfer Rate: 10.01%
(From 2010 COHORT Data)
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 la 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.

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Thauam muab kev pab, kev bxhawb lossis kev qhia, tseemfwv 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 txejtxhheem teev kev tsis txaw 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. Inquiries 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 Kwam Ntaww yog Human Resources Supervisor, (209) 384-6102. Yog xav paub txog lub luag Title IX, uas bxwv tsis pub caiis 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
### SPRING 2017 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, May 25, 2017 from 01:00p–08:50p, or Friday, May 26, 2017 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, May 20th, 2017.
   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>07:00a–08:50a</td>
<td>DAILY 07:00a–07:50a</td>
<td>MTWTh 07:00a–07:50a</td>
<td>Th only</td>
<td>TTh 07:00a–08:50a</td>
<td>MTWF 07:00a–07:50a</td>
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<td>08:00a–09:50a</td>
<td>DAILY 08:55a–09:50a</td>
<td>TTh only</td>
<td>Th only</td>
<td>MW, MTWF 08:55a–08:50a</td>
<td>F only</td>
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<td>Th only</td>
<td>MTWF 10:55a–12:50p</td>
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<td>MTWTh 11:55a–12:50p</td>
<td>Th only</td>
<td>MTWF 12:55p–01:50p</td>
<td>F only</td>
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<td>12:00p–01:50p</td>
<td>DAILY 01:55p–02:50p</td>
<td>MTWTh 03:55p–04:50p</td>
<td>Th only</td>
<td>MTWF 04:55p–06:50p</td>
<td>F only</td>
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<tr>
<td>01:00p–02:50p</td>
<td>DAILY 03:55p–04:50p</td>
<td>MTWTh 05:55p–06:50p</td>
<td>Th only</td>
<td>MTWF 05:55p–06:50p</td>
<td>F only</td>
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<td>02:00p–03:50p</td>
<td>DAILY 04:55p–05:50p</td>
<td>MTWTh 05:55p–06:50p</td>
<td>TTh only</td>
<td>MTWF 06:55p–07:50p</td>
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<td>MTWF 07:55p–08:50p</td>
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<td>MTWTh 12:55p–01:50p</td>
<td>Th only</td>
<td>MTWF 01:55p–02:50p</td>
<td>F only</td>
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</tbody>
</table>

**CONFLICTS**
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.
### Time Management Sheet

<table>
<thead>
<tr>
<th>TIME</th>
<th>MONDAY</th>
<th>TUESDAY</th>
<th>WEDNESDAY</th>
<th>THURSDAY</th>
<th>FRIDAY</th>
<th>SATURDAY</th>
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### Section Course Sheet

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<th>COURSE NAME</th>
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<th>UNITS</th>
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