### 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><strong>1) Admissions Workshop</strong></td>
<td>Call Merced College (209-384-6000, option 8) to schedule an appointment for an Admissions Workshop. Please arrive 10 minutes prior to your scheduled appointment. Door will be locked at start time.</td>
<td>Complete application at: <a href="http://www.cccapply.org">www.cccapply.org</a></td>
<td>New &amp; Returning students</td>
</tr>
<tr>
<td><strong>A. Application</strong></td>
<td>Or Come to the Lesher Student Services Building, Room 102, during an Open Lab session. To view a schedule of Admissions Workshops and 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 Baños students: Call (209) 826-3495. No appointments—first come, first served. For schedule of Admissions Workshops go to: <a href="http://www.mccd.edu/off_campus/los_banos/orientation.html">http://www.mccd.edu/off_campus/los_banos/orientation.html</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>B. Orientation</strong></td>
<td>You will complete orientation when you come to campus for the Admissions Workshop or during an Open Lab session.</td>
<td>Complete online orientation at <a href="http://www.mccd.edu/onlineo">www.mccd.edu/onlineo</a>. Next, go to <a href="http://www.mccd.edu">www.mccd.edu</a> and click on New and Returning Students. Go to step 1B and click on icon to download the student handbook.</td>
<td>New students</td>
</tr>
<tr>
<td><strong>C. Set up MC4me student portal account</strong></td>
<td>You will set up your student portal account when you come to campus for an Admissions Workshop or an Open Lab session.</td>
<td>At <a href="http://www.mccd.edu">www.mccd.edu</a>, click on New and Returning Students. Go to step 1C for links to instructions and a slide show to help you set up your student portal. For assistance, call the Student Help Desk @ 209-381-6565.</td>
<td>New &amp; Returning student</td>
</tr>
<tr>
<td><strong>2) Obtain ID card</strong></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 Baños Students: LB Student Services Building (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><strong>3) Take assessment test (ACCUPLACER)</strong></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 New and Returning Students. Then click on calendar 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. Students enrolling in English or Mathematics courses or courses with English or Math prerequisites.</td>
<td></td>
</tr>
<tr>
<td><strong>Los Baños Campus, Building A-Room A119 for assessment testing schedule go to:</strong> <a href="http://www.mccd.edu/off_campus/los_banos/orientation.html">http://www.mccd.edu/off_campus/los_banos/orientation.html</a></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>To prepare for ACCUPLACER 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.</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>4) Register for Classes</strong></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 Baños Campus, Student Services window</td>
<td>All students</td>
</tr>
<tr>
<td><strong>5) Pay fees</strong></td>
<td>Online through your MC4me student portal account</td>
<td>In person at the Lesher Student Services Center, Student Fees Office, 3rd floor or the Los Baños Campus, Student Services window</td>
<td>All registered students</td>
</tr>
</tbody>
</table>

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**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.
ONLINE REGISTRATION

CONTINUING STUDENTS

The date you may begin Spring 2014 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 Saturday. You may take advantage of this start date by accessing WebAdvisor through the Merced College Portal. WebAdvisor allows you to add (register for) any class that does not require a counselor’s signature or other special permission (e.g., honors, nursing, choir, and other performance courses). A counselor’s signature is required if you are trying to register in a course which has a prerequisite and you either are not currently enrolled in the prerequisite or you have not successfully completed the prerequisite at Merced College. Students on academic or progress probation will be permitted to register online once they have met with a counselor to clear their current probation restriction. Concurrently enrolling (K-12) students are not allowed to register online.

Note 1: Successful completion of a course means you received a grade of “C” or better or a “P” (Pass).
Note 2: If you want to register in a course which has a prerequisite, you must file a Prerequisite Challenge Form and supporting documentation at the time of registration. Counselors can assist in this process if you need help.
Note 3: Telephone registration is no longer available.

NEW AND FORMER STUDENTS

New and former students must submit an Application for Admission, through CCCAPPLY at cccapply.org, complete orientation, and receive a student ID number prior to registration. 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 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.

Registration Group Dates

See page 96 for Matriculation Guide to Student Registration

| GROUP A | Online Registration begins | Oct 09 | Students who are receiving services from DSS or EOPS and have attempted no more than 110 units at Merced College prior to Fall 2013 Semester
| OR | Continuing matriculated students with a GPA of 3.5 or better, who have completed at least 30 units and attempted no more than 110 units at Merced College prior to the Fall 2013 semester
| OR | Students who are qualifying Veterans, CalWorks or Foster Youth and have attempted no more than 110 units at Merced College prior to Fall 2013 Semester
| GROUP B | Online Registration begins | Oct 12 | All other continuing matriculated students who have completed at least 30 units and attempted no more than 110 units at Merced College prior to the Fall 2013 semester.
| Walk-up Registration begins | Oct 14 |
| GROUP C | Online Registration begins | Oct 19 | Continuing matriculated students with a GPA of 3.5 or better and who have completed fewer than 30 units and attempted no more than 110 units at Merced College prior to the Fall 2013 semester.
| Walk-up Registration begins | Oct 21 |
| GROUP D | Online Registration begins | Oct 26 | All other continuing matriculated students who have completed fewer than 30 units and attempted no more than 110 units at Merced College prior to the Fall 2013 semester.
| Walk-up Registration begins | Oct 28 |
| GROUP E | Walk-up Registration begins | Oct 30 | First time athletes.
| GROUP F | Online Registration begins | Nov 02 | New /Returning matriculated students, students with Bachelor degree or higher and all continuing students with more than 110 attempted units at Merced College prior to Fall 2013 semester.
| Walk-up Registration begins | Nov 04 |
| GROUP G | Walk-up Registration begins | Nov 12 | Special admit students (K-12) |
SPRING 2014 CALENDAR

JANUARY 2014

NEW YEARS DAY, JAN 1
SPRING 2014 SEMESTER BEGINS,
JAN 9
FLEX DAY, JAN 9-10
SPRING 2014 INSTRUCTION BEGINS,
JAN 13
MLK DAY, JAN 20

FEBRUARY 2014

CENSUS DAY, FEB 3
LINCOLN’S DAY, FEB 14
COLLEGE CLOSED, FEB 15
WASHINGTON’S DAY, FEB 17

MARCH 2014

MID-SESSION BEGINS, MARCH 17

APRIL 2014

GOOD FRIDAY, APRIL 18
SPRING BREAK, APRIL 21-25
COLLEGE CLOSED, APRIL 26

MAY 2014

FINALS, MAY 19-23
END OF SEMESTER, MAY 23
GRADUATION, MAY 23
MEMORIAL DAY, MAY 26

JUNE 2014

SUMMER 2014 SESSION,
JUNE 9-JULY 17
CENSUS DAY (6-WEEK SESSION),
JUNE 16

FEES
SPRING 2014

Before registering, students who owe money must pay in full or have a payment plan. If you owe money or need a payment plan, please contact the 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 Baños Campus Building A. Visa or Master Card credit card payments are accepted on the Merced College web site at www.mccd.edu or by telephone at (209) 384-6219 or (209) 384-6216.

Fees are subject to change.

Enrollment Fee $46 per unit
Health Fee $17.00
Student Body Fee $10.00
Parking Fee auto $20.00; or $1.00 per day
Non-Resident Tuition $208 per unit, plus enrollment fee

*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).

Please contact the Student Fees Office for more information.
**SPRING 2014 BUSINESS HOURS**

**MERCED COLLEGE**

**STUDENT SERVICES & COUNSELING**
MERCED CAMPUS AND LOS BAÑOS CAMPUS

Hours are subject to change

**MERCED CAMPUS 3600 M Street; Merced, CA  95348  (209) 384-6000**

**LOS BAÑOS CAMPUS 22240 Highway 152; Los Baños, CA  93635  (209) 826-3495 or (209) 381-6411**

**IMPORTANT DATES**

**SPRING 2014**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>October 9, 2013</td>
<td>Spring 2014 Semester Registration Begins</td>
</tr>
<tr>
<td>January 20, 2014</td>
<td>Martin Luther King’s Day Holiday</td>
</tr>
<tr>
<td>January 9-10, 2014</td>
<td>Spring Flex Days (Some College Services Unavailable)</td>
</tr>
<tr>
<td>January 13, 2014</td>
<td>Spring Semester Instruction Begins</td>
</tr>
<tr>
<td>January 13, 2014</td>
<td>Adds Require Instructor’s Signature(18-week Classes)</td>
</tr>
<tr>
<td>January 26, 2014</td>
<td>Refund Deadline (18-week Classes)</td>
</tr>
<tr>
<td>February 14, 2014</td>
<td>Lincoln’s Day Holiday</td>
</tr>
<tr>
<td>January 31, 2014 in person; February 2, 2014 online</td>
<td>Last Chance to Drop With No Entry on Transcripts (18-week Classes)</td>
</tr>
<tr>
<td>February 17, 2014</td>
<td>Washington’s Day Holiday</td>
</tr>
<tr>
<td>February 13, 2014</td>
<td>Pass/No Pass Option Deadline</td>
</tr>
<tr>
<td>March 17, 2014</td>
<td>Spring Mid-session Begins</td>
</tr>
<tr>
<td>March 31, 2014</td>
<td>Scholarship Application Deadline</td>
</tr>
<tr>
<td>April 21-25, 2014</td>
<td>Spring Break</td>
</tr>
<tr>
<td>April 18, 2014</td>
<td>Good Friday – campus closed</td>
</tr>
<tr>
<td>April 17, 2014 in person; April 20, 2014 online</td>
<td>Last Chance to Drop with a “W” (18-week Classes)</td>
</tr>
<tr>
<td>May 23, 2014</td>
<td>Spring Semester Ends/Graduation</td>
</tr>
<tr>
<td>May 26, 2014</td>
<td>Memorial Day - campus closed</td>
</tr>
</tbody>
</table>

**MERCED COLLEGE STUDENT FEES**

MERCED CAMPUS AND LOS BAÑOS CAMPUS

Hours are subject to change

**MERCED CAMPUS 3600 M Street; Merced, CA  95348  (209) 384-6000**

**LOS BAÑOS CAMPUS 22240 Highway 152; Los Baños, CA  93635  (209) 826-3495 or (209) 381-6411**
SPRING 2014
HOW TO READ THIS SCHEDULE

ACCOUNTING

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 is an entry-level accounting course emphasizing a preparer approach using manual accounting methods, and comparing them to current computerized accounting.

MERCED

1986 MWF 09:00a-09:50a Wesson O IAC-124

Section 1986 will require field trips.

BUILDING ABBREVIATIONS

Merced Campus
AG - Agricultural
ART - Art Building
BRC - Business Resource Center
COM - Communications
GYM - Gymnasium
IAC - Interdisciplinary Academic
IT - Industrial Technology
LESH - Lesher Building
MUS - Music
MA - Mech Ag
PS - Plant Science
SCI - Science
Stage - Theatre
SU - Student Union
VOC - Vocational

Los Baños Campus
LB-A - Los Baños, Bldg A
LB-B - Los Baños, Bldg B

Off Campus Sites
CCWF - Central California Women’s Facility
DELH - Delhi
DPHS - Dos Palos High School
LBHS - Los Baños High School
LIVIN - Livingston
MA - Mariposa
MA - Mariposa
VSP - Valley State Prison

SECTION NUMBER SMART CODING

1xxx = Merced day class
2xxx = Online/Hybrid class
4xxx = Los Baños day class
6xxx = Merced evening class (05:00p or later)
7000 = class held in Livingston
7100 = class held in Chowchilla
7700 = class held in Delhi
7800 = class held in Mariposa
7900 = class held in Dos Palos
8xxx = Los Baños evening class (05:00p or later)
9xxx = class held less than 18 weeks

Subject Heading
Course Number and Title
Prerequisites/Corequisites
Course Description
Campus Location
Special Instructions

Session Minutes
50-105
110-165
170-225
230-285
290-345
350-360

Number of 10 minute breaks
0
1
2
3
4
5

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

ACTG-04A FINANCIAL ACCOUNTING
(C-ID ACCT 110)
4 units: 4 hours lecture.
Advisories: ACTG-51; ENGL-85.
This course provides the student with the knowledge of corporate financial statement reporting and the ability to analyze the reports of a corporation. ACTG-04A requires online homework. Additional fees apply, please refer to www.mercedcollegebookstore.com.

MERCED
1037  TTh  10:00a-11:50a  Vilhauer C  AHC-128
1804  MW  12:00p-01:50p  Stapleton I  IT-4A
6015  M   05:30p-09:20p  Stapleton I  AHC-128

ACTG-04B MANAGERIAL ACCOUNTING
(C-ID ACCT 120)
4 units: 4 hours lecture.
One-way corequisite: ACTG-04A or ACTG-51. Advisory: MATH-81 or MATH-85.
This course provides students with instruction in managerial accounting. Topics include job-order and process costing, cost-volume-profit relationships, the contribution approach to costing, budgeting, standard costing, capital budgeting and investment decisions, and relevant costs for decision making.

MERCED
1822  MW  02:00p-03:50p  Vilhauer C  AHC-128
6301  W   05:30p-09:20p  Vilhauer C  VOC-37

LOS BAÑOS
8004  TTh  05:30p-07:20p  Snipes R  LB-B-137

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  M   05:30p-09:20p  Kekahuna P  VOC-114

Section 6051 requires purchasing a print card at a cost of $1.00 per 50 pages. Print cards are available at the campus bookstore or campus student fees office.

ACTG-51 APPLIED ACCOUNTING
4 units: 4 hours lecture.
Advisories: READ-81; MATH-80.
This course is an entry-level accounting course emphasizing a preparer approach using manual accounting methods, and comparing them to current computerized accounting. ACTG-51 requires online homework. Additional fees apply, please refer to www.mercedcollegebookstore.com.

MERCED
1033  TTh  12:00p-01:50p  Stapleton I  AHC-123
6298  T   05:30p-09:20p  Stapleton I  VOC-37

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

ADDITIONAL OFFICE MANAGEMENT (AOM)

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. AOM-50B requires purchasing a print card at a cost of $1.00 per 50 pages. Print cards are available at the campus bookstore or campus student fees office.

MERCED
1323  MW  01:00p-03:15p  Blackmore C  VOC-113
1588  TTh  08:00a-10:15a  Carroll C  VOC-115
6055  TTh  05:30p-07:45p  Kline S  AHC-139

LOS BAÑOS
8636  TTh  07:30p-09:45p  Snipes R  LB-A-108

AOM-51 KEYBOARDING/WORD PROCESSING
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: AOM-50B (25 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.

2344  M   05:30p-07:20p  Carvalho S  VOC-115

CONTACT: carvalho.s@mccd.edu
ORIENTATION - MANDATORY: January 13, 2014; 05:30p-07:20p; VOC-115.
IN-CLASS SESSIONS: Lecture, Monday; 05:30p-07:20p; VOC-115.
COMMENTS: 3 hours lab per week will be online.
Section 2344 requires purchasing a print card at a cost of $1.00 per 50 pages. Print cards are available at the campus bookstore or campus student fees office.
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 20 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 9060 TTh 12:00p-01:50p Blackmore C VOC-114  
Section 9060 is held from 01/14/14 to 03/14/14.  
Section 9060 requires purchasing a print card at a cost of $1.00 per 50 pages.  Print cards are available at the campus bookstore or campus student fees office.

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

2310 ONLINE Reintke T  
CONTACT: reintke.t@mccd.edu or www.mccd.edu/faculty/reintket  
COMMENTS: Microsoft Office 2010 Professional software is required (to include ACCESS).

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

MERCED 1132 MW 08:00a-09:15a Reintke T VOC-113  
Section 1132 requires purchasing a print card at a cost of $1.00 per 50 pages.  Print cards are available at the campus bookstore.

AOM-58 WEB SITE DEVELOPMENT
3 units: 3 hours lecture.  
Advisories: READ-81, ENGL-84.  
This is an introductory course in the planning, design and creation of a web site.

MERCED 9084 T 12:00p-01:50p Carroll C VOC-114  
Section 9084 is held from 03/17/14 to 05/23/14.  
Section 9084 requires purchasing a print card at a cost of $1.00 per 50 pages.  Print cards are available at the campus bookstore or campus student fees office.

AOM-59 MEDICAL CODING & BILLING
3 Units: 3 hours lecture.  
Advisory: ALLH-67.  
This course will enable the student to develop a basic knowledge of the national diagnostic and procedural coding systems and to simplify the process of filing claim forms.

2905 HYBRID Carvalho S  
Section 2905 is held from 03/18/14 to 05/23/14.  
CONTACT: carvalho.s@mccd.edu.  
ORIENTATION MANDATORY: March 18, 2014; 05:30p-08:20p; AHC-123.  
IN-CLASS SESSIONS: April 15, 29, May 6, 13, 2014; 05:30p-08:20p; AHC-123.  
COMMENTS: Section 2905 has 39 hours of online instruction.

AGRICULTURE (AGRI)
AGRI-10 AGRICULTURE, ENVIRONMENT, AND SOCIETY
(CSU breadth area D7)  
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 MWF 11:00a-11:50a Farao J AG-11

AGRICULTURE BUSINESS (AGBS)
AGBS-11 AGRICULTURAL ECONOMICS
(CSU breadth area D2) (IGETC area 4B)  
3 units: 3 hours lecture.  
Advisories: ENGL-85; MATH-81.  
This course serves as an introduction to the economic aspects of agriculture and the implications to local, state, national, and global markets.

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

AGBS-12 AGRICULTURAL ACCOUNTING
3 units: 3 hours lecture.  
Advisories: ENGL-85; MATH-81 or MATH-B.  
This course will focus on the principles of agricultural accounting systems, type of records, their use, and how to compute and use measures of earnings and costs of production to improve agribusiness efficiency.

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

AGBS-17 AGRICULTURAL SALES AND COMMUNICATION
3 units: 3 hours lecture.  
Advisory: ENGL-85.  
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 MWF 09:00a-09:50a Donaher K AG-11

AGBS-18 AGRICULTURAL COMPUTER APPLICATIONS
3 units: 2 hours lecture, 3 hours lab.  
Advisories: ENGL-85; MATH-81 or MATH-B.  
This course explores computer use in the workplace with emphasis on agribusiness situations.

MERCED 1004 TTh 10:30a-12:45p Donaher K VOC-115  
1579 TTh 02:00p-04:15p Donaher K VOC-114

AGBS-31 AGRICULTURAL AMBASSADORS
1.5 units: 1 hour lecture, 1.5 hours lab.  
Advisories: READ-81, ENGL-84.  
The purpose of this course is to train effective and efficient Agricultural Ambassadors.

MERCED 1021 M 02:00p-04:15p Donaher K AG-11

ALLIED HEALTH (ALLH)
ALLH-50 EMERGENCY MEDICAL TECHNICIAN I
6 units: 5 hours lecture, 3 hours lab.  
Limitation on enrollment: Negative TB skin test or negative chest x-ray for TB within the last four years; a CPR course based on American Red Cross or American Heart Association that includes one- and two-rescuers CPR plus infant CPR.  Advisories: ALLH-67; ENGL-84; a first-aid course equivalent to the course offered by the American Red Cross.

This beginning course is 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.  
For more information regarding enrolling into the ALLH-50/51 classes, please call (209)384-6058 or stop by the Area Office in VOC-18.

MERCED
ALLH-51  EMERGENCY MEDICAL TECHNICIAN I, AMBULANCE
1 unit: 18 total hours lecture, plus 8 hours of field experience.
Limitation on enrollment: Valid California driver’s license; negative
TB skin test or negative chest x-ray for TB; a CPR course based on
American Red Cross or American Heart Association that includes
one- and two-rescuer CPR plus infant CPR. Two-way corequisite:
ALLH-50. Advisories: ALLH-67; ENGL-84; First Aid: Be able to
perform first aid based on the course offered by the Red Cross or
its equivalent a) recognize when emergency has occurred; b) follow
emergency action steps in any emergency; c) provide basic care for
injury and or sudden illness until the victim can receive professional
medical help.

This course provides the ambulance module of the EMT I certification
program.

MERCED
9204  SSU  08:00a-05:20p  Samra M  AHC-125
Section 9204 is held from 04/12/14 to 04/13/14.

NURSE ASSISTANT ORIENTATIONS
Students must purchase a Merced College Nurse Assistant Program
Handbook at the MC Bookstore Prior to registration. Prospective students must attend
an orientation before the beginning of a new class. The orientation
sessions are open to the general public.

MERCED CAMPUS
Orientations are held in AHC-124 and begin at 04:00p and last
approximately one hour. The dates are
September 26, 2013
October 10, 2013
October 24, 2013
November 7, 2013

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.

MERCED
6006  Th  05:30p-08:20p  Reid E  AHC-130
F  07:30a-04:10p  Reid E  HOSP
Section 6006 lab is held at Country Villa Merced; 510 W. 26th
St.; Merced and includes a 30 minute lunch.

6013  Th  05:30p-08:20p  Reid E  AHC-130
F  07:30a-04:10p  Mattmiller C  HOSP
Section 6013 lab is held at Country Villa Merced; 510 W. 26th
St.; Merced and includes a 30 minute lunch.

LOS BAÑOS
4032  Th  04:00p-06:50p  Lima B  LB-B-138
F  06:30a-03:10p  Lima B  LB-B-138
Section 4032 Lab includes a 1/2 hour lunch and will meet from
01/13/14 to 01/31/14 in LB-B-138.
Beginning 02/03/14 Section 4032 Lab will meet at New Bethany
Skilled Nursing Facility; 1441 Berkeley Dr; Los Baños.
Section 4032 Lab does not meet on 04/18/14 & 04/25/14.

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.

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
1802  TTh  03:30p-04:45p  Flores Clark E  IAC-108

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.

MERCED
1038  MWF  01:00p-01:50p  Farao J  AG-10

ANSC-11  ELEMENTS OF ANIMAL NUTRITION
3 units: 3 hours lecture.
Advisories: ENGL-85; MATH-80.
The science of animal nutrition is the basis for “Livestock Feeding and
Nutrition.” The fundamentals of digestion and absorption in both ruminants
and non-ruminants are discussed in this course.

MERCED
1342  MWF  10:00a-10:50a  Farao J  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  MWF  10:00a-10:50a  Farao J  AG-10

ANSC-18  SHEEP PRODUCTION
3 units: 2 hours lecture, 3 hours lab.
Advisory: ENGL-85.
This course is a survey of the sheep industry, including management of
commercial, purebred, and small farm flocks; selecting, feeding, breeding,
and basic care of ewes and lambs, plus the marketing of lambs and wool.

MERCED
1092  TTh  12:00p-12:50p  Farao J  AG-11
T  01:00p-03:50p  Farao J  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.

MERCED
9016  Th  01:00p-05:50p  Farao J  AG-11
Section 9016 is held from 01/16/14 to 03/13/14.
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 course is an introduction to the study of human culture and the concepts, theories, and methods used in the comparative study of sociocultural systems.

MERCED
1051 MWF 10:00a-10:50a Arguelles M IAC-110
M 02:00p-04:50p Arguelles M IAC-110
1053 MWF 11:00a-11:50a Arguelles M IAC-110
W 02:00p-04:50p Arguelles M IAC-110
6535 M 07:00p-09:50p Arguelles M IAC-110
W 07:00p-09:50p Osborn S IAC-110

ANTH-02 SOCIOCULTURAL ANTHROPOLOGY
(CSU breadth area D1) (IGETC area 4A)
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 sociocultural systems.

MERCED
1056 TTh 09:30a-10:45a Arguelles M IAC-110
6005 Th 07:00p-09:50p Osborn S IAC-110

LOS BAÑOS
8061 T 07:00p-09:50p Gaugler C LB-B-106

ANTH-10 SOUTHEAST ASIAN CULTURE: EMPHASIS HMONG CULTURE
(CSU breadth area D1) (IGETC area 4A)
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 in California: Hmong, Mien, Lao, Cambodian, Vietnamese, etc.

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

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
1723 TTh 03:30p-04:45p Benhissen L ART-1
1959 MW 03:30p-04:45p Thompson K 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
6027 MW 05:30p-06:45p Thompson K ART-1

LOS BAÑOS
4115 TTh 04:00p-05:15p Johnson P LB-B-107

ART-06 ART OF THE 20TH CENTURY
(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 Impressionism through Post-Modernism to today. Major works in painting, sculpture, architecture, and the applied arts are covered.

MERCED
1907 TTh 11:00a-12:15p Barnett C ART-1

DELHI
7729 T 06:00p-08:50p Dias Z DELH-M2
Section 7729 is held at Delhi High School; Building M, Room 2; 16881 West Schendel Avenue, Delhi.

ART-12A SCULPTURE: 3-D FOUNDATIONS
(CSU breadth area C1)
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: 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.
ART-12A requires a $40 materials fee to be paid at Student Fees upon enrollment. Students who create larger works or extra credit pieces will be assessed additional materials fees on a prorated basis.

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 3-D project problem-solving related to intermediate-level course work.
ART-12B requires a $40 materials fee to be paid at Student Fees upon enrollment. Students who create larger works or extra credit pieces will be assessed additional materials fees on a prorated basis.

MERCED
1059 MW 01:00p-03:15p Barnett C ART-4
6551 W 05:10p-10:00p Barnett C ART-4

ART-12C ADVANCED SCULPTURE
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: ART-12B.
Students will explore sculpture materials, methods, techniques, and 3-D project problem-solving related to advanced-level course work.
ART-12C requires a $40 materials fee to be paid at Student Fees upon enrollment. Students who create larger works or extra credit pieces will be assessed additional materials fees on a prorated basis.

MERCED
1174 MW 01:00p-03:15p Barnett C ART-4
6552 W 05:10p-10:00p Barnett C ART-4

ART-15 DESIGN: 2-D FOUNDATIONS
(CSU breadth area C1)
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: ENGL-01A.
This is a foundation course for the study of the Visual Arts. Lectures and studio projects explore and analyze concepts and theories related to the elements and principles of design, including line, shape, iconography, value, color, texture, space, time and motion, compositional substructures, unity, variety, balance, emphasis, rhythm, scale and proportion.

MERCED
1022 MW 10:30a-12:45p Salmon L ART-4
1941 TTh 01:00p-03:15p Barnett C ART-4
6009 Th 05:10p-10:00p Salmon L ART-4

LOS BAÑOS
4084 TTh 10:30a-12:45p Donovan M LB-B-101

ART-17A CERAMICS - POTTERY
3 units: 2 hours lecture, 3 hours lab.
Advisory: ENGL-85.
This course is a survey of ceramic materials (clays and glazes) and their function in relation to design as an art form.
ART-17A requires a materials fee of $15. Additionally, students will
ART-17B INTERMEDIATE CERAMICS - POTTERY
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 $15. Additionally, students will need to purchase an estimated minimum of 2 bags of clay at a cost of $8/bag by paying Student Fees and receiving a receipt to present to the instructor for their clay. Students must pay for clay in Student Fees BEFORE the first class meeting. Students provide their own clay tools, available at the bookstore at an estimated cost of $10.

ART-17C ADVANCED CERAMICS - POTTERY
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: ART-17B. Advisory: ENGL-85.
This is an advanced course in ceramic pottery with emphasis on more complicated sculpture and wheel construction, non-technical glaze composition, and kiln firing.
ART-17C requires a materials fee of $15. Additionally, students will need to purchase an estimated minimum of 2 bags of clay at a cost of $8/bag by paying Student Fees and receiving a receipt to present to the instructor for their clay. Students must pay for clay in Student Fees BEFORE the first class meeting. Students provide their own clay tools, available at the bookstore at an estimated cost of $10.

ART-24A DRAWING I
(CSU Breadth Area C1)
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.

ART-24B DRAWING II
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: ART-24A.
This course is an intermediate-level study of the theories and practice of drawing as an art form.

ART-25A ACRYLIC PAINTING I
3 units: 2 hours lecture, 3 hours lab.
Prerequisite/Advisory: None.
This is a course in the fundamentals of acrylic painting as an art form. Students will address problems in portrayal, proportion, composition, and color.

ART-25B ACRYLIC PAINTING II
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: ART-25A.
This course is a study of the materials and methods of acrylic painting.

ART-25C ACRYLIC PAINTING III
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: ART-25B.
This course is an advanced study of acrylic painting techniques.

ART-25D ACRYLIC PAINTING IV
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: ART-25C.
This course is an exploration of acrylic painting with focus on the students’ individual ideas.

ART-26A FIGURE DRAWING I
3 units: 2 hours lecture, 3 hours lab.
Prerequisite/Advisory: None.
This is a basic course in drawing the human form and proportion.

ART-26B FIGURE DRAWING II
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: ART-26A.
This is an intermediate study of human form and proportion.
ART-26C  FIGURE DRAWING III  
3 units: 2 hours lecture, 3 hours lab.  
Prerequisite: ART-26B. 
This course is an advanced study of human form and proportions.  
**MERCED**  
6066  W  05:10p-10:00p  Benhissen L  ART-6  

ART-28A  OIL PAINTING I  
3 units: 2 hours lecture, 3 hours lab.  
Prerequisite/Advisory:  None.  
This is a course in the fundamentals of oil painting as an art form.  
**MERCED**  
1076  MW  10:30a-12:45p  Benhissen L  ART-6 
6068  Th  05:10p-10:00p  Kirksey R  ART-6  

ART-28B  OIL PAINTING II  
3 units: 2 hours lecture, 3 hours lab.  
Prerequisite: ART-28A.  
This course is a study of the materials and methods of oil painting.  
**MERCED**  
1077  MW  10:30a-12:45p  Benhissen L  ART-6 
6070  Th  05:10p-10:00p  Kirksey R  ART-6  

ART-28C  OIL PAINTING III  
3 units: 2 hours lecture, 3 hours lab.  
Prerequisite: ART-28B.  
This course is an advanced study of oil painting techniques.  
**MERCED**  
1078  MW  10:30a-12:45p  Benhissen L  ART-6 
6072  Th  05:10p-10:00p  Kirksey R  ART-6  

ART-28D  OIL PAINTING IV  
3 units: 2 hours lecture, 3 hours lab.  
Prerequisite: ART-28C.  
This course is an exploration of oil painting with focus on the students’ individual ideas.  
**MERCED**  
1079  MW  10:30a-12:45p  Benhissen L  ART-6 
6074  Th  05:10p-10:00p  Kirksey R  ART-6  

ART-45A  MULTIMEDIA I: INTRODUCTION TO WEB DESIGN AND ANIMATION  
3 units: 2 hours lecture, 3 hours lab.  
Limitation on enrollment: Limited to the number of licenses available.  
Advisories: AOM-50A; ART-24A; ENGL-01A.  
This studio course imparts a thorough foundation in creative Adobe Flash digital media production for the web. Indispensable basic typographic, color, illustration, animation, interactivity, layout, and sound design concepts feature strongly in the class.  
**MERCED**  
1126  MW  10:30a-12:45p  Perlin A  ART-8  

ASTRONOMY (ASTR)  

ASTR-01  PRINCIPLES OF ASTRONOMY  
(CSU breadth area B1) (IGETC area 5A)  
3 units: 3 hours lecture.  
Advisory: ENGL-85.  
This is a basic course studying the principles of astronomy beginning with the solar system and continuing through the Milky Way Galaxy and galaxies beyond.  
**MERCED**  
6094  Th  07:00p-09:50p  Davies R  SCI-110 
Section 6094 requires observation nights.  
Section 6094 requires students to do online assignments.  
Additional fees apply.  For specific text/access code please see your instructor.  

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.  
Advisory: PHED-12A.  
This is a course teaching theory, practice and game performance of competitive baseball. This course may be repeated three times.  
**MERCED**  
1936  MTWThF  01:00p-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: PHED-12B.  
This course teaches theory, practice and game performance of competitive basketball. This course may be repeated three times.  
**MERCED**  

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.  
Advisory: PHED-13A.  
This course teaches theory, practice and game performance of the competitive sport. This course may be repeated three times.  
**MERCED**  

ATHL-01K  INTERCOLLEGIATE SOFTBALL  
3 units: 2 hours lecture, 3 hours lab.  
Limitation on enrollment: This is varsity athletic team conditioning course that requires coach’s or academic athletic adviser’s signature.  
Advisory: PHED-12H.  
This course teaches theory, practice and game performance of the competitive softball. This course may be repeated three times.  
**MERCED** 

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**
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
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<tbody>
<tr>
<td>AUTO-04</td>
<td>AUTOMOTIVE MECHANICS</td>
<td>3</td>
<td>MW</td>
<td>03:30p-04:45p</td>
<td>Kanarowski D</td>
<td>AG-10</td>
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<tr>
<td>AUTO-32</td>
<td>WHEEL ALIGNMENT AND SUSPENSION</td>
<td>4</td>
<td>TTh</td>
<td>02:00p-04:50p</td>
<td>Hoornaert D</td>
<td>IT-4B</td>
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<tr>
<td>AUTO-36</td>
<td>AUTOMOTIVE MANUAL TRANSMISSIONS AND DRIVE TRAINS</td>
<td>4</td>
<td>TTh</td>
<td>02:00p-04:50p</td>
<td>Hoornaert D</td>
<td>IT-4B</td>
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<tr>
<td>AUTO-42</td>
<td>AUTOMOTIVE ELECTRICAL SYSTEMS</td>
<td>4</td>
<td>TTh</td>
<td>02:00p-04:50p</td>
<td>Hoornaert D</td>
<td>IT-4B</td>
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<tr>
<td>AUTO-44</td>
<td>AUTOMOTIVE AIR CONDITIONING, HEATING SYSTEM,</td>
<td>4</td>
<td>TTh</td>
<td>02:00p-04:50p</td>
<td>Hoornaert D</td>
<td>IT-4B</td>
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<td>AUTO-47</td>
<td>ENGINE PERFORMANCE</td>
<td>2</td>
<td>TTh</td>
<td>02:00p-04:50p</td>
<td>Hoornaert D</td>
<td>IT-4B</td>
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<tr>
<td>AUTO-48A</td>
<td>SPECIAL PROBLEMS IN AUTOMOTIVE TRANSMISSIONS</td>
<td>2</td>
<td>TTh</td>
<td>02:00p-04:50p</td>
<td>Hoornaert D</td>
<td>IT-4B</td>
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<tr>
<td>AUTO-48B</td>
<td>SPECIAL PROBLEMS IN AUTOMOTIVE SUSPENSIONS</td>
<td>2</td>
<td>TTh</td>
<td>02:00p-04:50p</td>
<td>Hoornaert D</td>
<td>IT-4B</td>
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<tr>
<td>AUTO-48D</td>
<td>SPECIAL PROBLEMS IN AUTO BODY REPAIR AND PAINTING</td>
<td>1.5</td>
<td>TTh</td>
<td>07:00p-09:50p</td>
<td>Hiser R</td>
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<tr>
<td>AUTO-50</td>
<td>AUTO BODY REPAIR AND PAINTING</td>
<td>4</td>
<td>TTh</td>
<td>12:00p-03:50p</td>
<td>Hiser R</td>
<td>IT-4A</td>
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AUTO-55 AUTOMOTIVE EMISSIONS LEVEL 1 AND 2 TRAINING
5 units: 4.5 hours lecture, 1.5 hours lab.
Prerequisite: AUTO-47. Advisories: ENGL-85; MATH-80 or MATH-85.
This course is designed to provide students with knowledge and skills necessary to perform Smog Check Inspections.

MERCED
6046 TTh 07:00p-09:50p Gregory A IT-4A
Section 6046 requires a $10 Lab Tech Manual.

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
1841 TTh 08:00a-10:50a Hoornaert D IT-4B
Section 1841 requires a $10 Lab Tech Manual.
6127 TTh 07:00p-09:50p Maxwell G IT-4A
Section 6127 requires a $10 Lab Tech Manual.

BIOLOGY (BIOL)
BIOL-01 GENERAL BIOLOGY FOR NON-MAJORS
4 units: 3 hours lecture, 3 hours lab.
Limitation on enrollment: This course is 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
1548 MWF 10:00a-12:50a Albano V SCI-111
T 11:00a-12:50a Ratley S SCI-112
1549 MWF W 10:00a-12:50a Albano V SCI-111
1552 MWF F 10:00a-12:50a Albano V SCI-111
1553 MWF M 11:00a-12:50a Igo M SCI-113
1556 MWF W 11:00a-12:50a Igo M SCI-111
1558 MWF F 11:00a-12:50a Igo M SCI-111
1559 MW 12:00p-01:15p Crombie K SCI-111
M 02:00p-04:50p Whited B SCI-112
1564 MW 12:00p-01:15p Crombie K SCI-111
W 02:00p-04:50p Whited B SCI-112
1568 TTh 09:30a-10:45a Staff SCI-111
T 11:00a-12:15p Staff SCI-112
1569 TTh 09:30a-10:45a Staff SCI-111
Th 11:00a-12:15p Staff SCI-112
1570 SI TTh 11:00a-12:15p Estrella C SCI-111
T 08:00a-10:50a Albano V SCI-112
1571 SI TTh 11:00a-12:15p Estrella C SCI-111
Th 08:00a-10:50a Ratley S SCI-112
1572 TTh 12:30p-01:45p Staff SCI-112
T 02:00p-04:50p Estrella C SCI-112
1574 TTh 12:30p-01:45p Staff SCI-112
Th 02:00p-04:50p Keller S SCI-112
6096 MW 05:30p-06:45p Lylte J SCI-111
M 07:00p-09:50p Lylte J SCI-112
6098 MW 05:30p-06:45p Lylte J SCI-111
W 07:00p-09:50p Lylte J 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 TTh 12:30p-01:45p Coburn C LB-A-103
T 09:00a-11:50a Coburn C LB-B-102
4133 TTh 12:30p-01:45p Coburn C LB-A-103
T 02:30p-05:20p Coburn C LB-B-102
4135 TTh 12:30p-01:45p Coburn C LB-A-103
Th 02:30p-05:20p Coburn C LB-B-102

BIO-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 open to students having a C or better in BIOL-04A. Prerequisite: ENGL-85.
This course is an introduction to the principles of biology with an emphasis on humans.

MERCED
1974 MWF M 11:00a-11:50a Macias M VOC-140
W 08:00a-10:50a Staff SCI-115
1975 MWF W 11:00a-11:50a Macias M VOC-140
F 08:00a-10:50a Staff SCI-115
1976 MWF F 11:00a-11:50a Macias M VOC-140
T 08:00a-09:15a Vierra S SCI-111
1981 TTh 08:00a-09:15a Vierra S SCI-111
Th 11:00a-01:50p Vierra S SCI-115
6438 TTh 05:30p-06:45p Bergman R SCI-208
T 07:00p-09:50p Bergman R SCI-115
6439 TTh 05:30p-06:45p Bergman R SCI-208
Th 07:00p-09:50p Bergman R SCI-115

BIO-04A FUNDAMENTALS OF BIOLOGY: THE CELL AND EVOLUTION
(CSU breadth area B2/B3) (IGETC area 5B/5C)
4 units: 3 hours lecture, 3 hours lab.
One-way corequisite: CHEM-04A. Advisories: BIOL-01 or BIOL-02; ENGL-85.
This course is a study of the principles of biology. This course is intended for science majors for pre-medical, pre-veterinarian, pre-dental, pre-optometry, and pre-pharmacy majors.

MERCED
1104 SI MWF 09:00a-09:50a Albano V SCI-208
& T 02:00p-04:50p Albano V SCI-113
1106 SI MWF 09:00a-09:50a Albano V SCI-208
& W 02:00p-04:50p Albano V SCI-113

BIO-04B DIVERSITY OF LIFE: MORPHOLOGY AND PHYSIOLOGY
(CSU breadth area B2/B3) (IGETC area 5B/5C)
5 units: 3 hours lecture, 6 hours lab.
Prerequisite: BIOL-04A. Advisories: BIOL-01 or BIOL-02; ENGL-85.
This course is the second semester of a two-semester sequence of general biology for biology majors.

MERCED
1111 MWF 11:00a-11:50a Estrella C SCI-205
& TTh 08:00a-10:50a Estrella C SCI-113
Section 1111 includes two required field trips. Transportation will be provided. Should you choose to drive yourself, parking and entrance fees may apply up to $20.00. Meals on field trips are the student’s responsibility.
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.  

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

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<thead>
<tr>
<th>Course</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Office</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>BIOL-06</td>
<td>2390</td>
<td>ONLINE</td>
<td>Latham E</td>
<td><a href="mailto:Latham.r@mccd.edu">Latham.r@mccd.edu</a></td>
<td>(209) 386-6728</td>
<td>Office LB-B-133, Los Baños Campus.</td>
<td></td>
</tr>
<tr>
<td>BIOL-18</td>
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<td>02:00p-04:50p</td>
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<td>SCI-115</td>
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<th>Course</th>
<th>Section</th>
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<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Office</th>
<th>Notes</th>
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</table>
| BIOL-16 General Human Anatomy  
(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-50. Advisory: ENGL-85.  
This course is an intensive study of the structure of the human body.  

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<tr>
<th>Course</th>
<th>Section</th>
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<th>Time</th>
<th>Location</th>
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<td>BIOL-16</td>
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<td>7730</td>
<td>M</td>
<td>06:00p-08:50p</td>
<td>Menke B</td>
<td>DELH-K1</td>
<td>Section 7730 is held at Delhi High School; Building K, Room 1; 16881 West Schendel Avenue, Delhi.</td>
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<tr>
<td></td>
<td>7803</td>
<td>W</td>
<td>06:30p-09:20p</td>
<td>Menke B</td>
<td>MARI-59</td>
<td>Section 7803 is held at Mariposa High School; 5074 Old Highway North; Mariposa.</td>
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<th>Course</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Office</th>
<th>Notes</th>
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</thead>
</table>
| 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. Advisory: CHEM-02A; ENGL-85.  
This is an introductory course familiarizing students with basic laboratory techniques and fundamental topics of microbiology.  

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<tr>
<th>Course</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Office</th>
<th>Notes</th>
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</table>
| BIOL-50 Survey of Anatomy and Physiology  
3 units; 3 hours lecture.  
Prerequisite: ENGL-85.  
This course is a basic anatomy and physiology of the human body. It is designed as an elementary course for students with limited background in science or biology.  

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<tr>
<th>Course</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Office</th>
<th>Notes</th>
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</thead>
</table>
| BIOL-10 Introduction to Business  
This survey course is an overview of all aspects involved in business.  

<table>
<thead>
<tr>
<th>Course</th>
<th>Section</th>
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<th>Time</th>
<th>Location</th>
<th>Instructor</th>
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<td>Modafferi E</td>
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<th>Location</th>
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<tbody>
<tr>
<td>BUS-10</td>
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<td></td>
<td>1118</td>
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<td>Pistoresi J</td>
<td>VOC-37</td>
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<td>Hollister M</td>
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<td></td>
<td>6226</td>
<td>T</td>
<td>05:30p-06:20p</td>
<td>Skunca J</td>
<td>VOC-38</td>
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**BUS-18A BUSINESS LAW**  
4 units: 4 hours lecture.  
Advisories: BUS-10; ENGL-85.  
This course is a study of legal principles that govern the conduct of business.  

<table>
<thead>
<tr>
<th>MERCED</th>
<th>1575 MW 08:00a-09:50a Kingsley J VOC-39</th>
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<tr>
<td>1327 MW 02:00p-03:50p Fritz K VOC-37</td>
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<td>1114 TTh 10:00a-11:50a Fritz K VOC-141</td>
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<td>6103 M 05:30p-09:20p Fritz K VOC-37</td>
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<tr>
<td>LOS BAÑOS</td>
<td>8171 MW 07:00p-08:50p Verninder J LB-B-107</td>
</tr>
</tbody>
</table>

**BUS-35 MONEY MANAGEMENT**  
3 units: 3 hours lecture.  
Advisories: CPSC-30; ENGL-85; MATH-80.  
This course offers instruction in principles and practices of business from the consumer's point of view.  

<table>
<thead>
<tr>
<th>MERCED</th>
<th>2301 ONLINE Haugen A CONTACT: <a href="mailto:haugen.ai@mccd.edu">haugen.ai@mccd.edu</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>MANDATORY ORIENTATION: January 13, 2014; 04:00-04:45p; COM-2.</td>
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<tr>
<td>COMMENTS: Section 2301 requires online homework. The textbook is required and additional fees may apply for homework access code through publisher. Help sessions will be available throughout the semester, but not mandatory. Students must log into the course through Blackboard or contact the instructor by Friday of the first week of instruction to avoid being dropped.</td>
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</tbody>
</table>

**BUS-43 BUSINESS COMMUNICATION**  
3 units: 3 hours lecture.  
Advisor: AOM-50B or CPSC-30; AOM-60 or ENGL-85.  
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.  

<table>
<thead>
<tr>
<th>MERCED</th>
<th>1115 TTh 11:00a-12:15p Haugen A VOC-37</th>
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<tbody>
<tr>
<td>6106 Th 05:30p-08:20p Staff VOC-38</td>
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<tr>
<td>LOS BAÑOS</td>
<td>8172 MW 05:30p-06:45p Verninder J LB-B-134</td>
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**CHEMISTRY (CHEM)**  

**CHEM-02A INTRODUCTORY CHEMISTRY**  
(CSU breadth area B1/B3) (IGETC area 5A/5C)  
4 units: 3 hours lecture, 3 hours lab.  
Advisories: ENGL-85; MATH-81 or MATH-B.  
This is an introduction to the general principles of inorganic chemistry, atomic and molecular structure, states of matter, solutions, and radioactivity.  

<table>
<thead>
<tr>
<th>MERCED</th>
<th>1131 S MWF 09:00a-09:50a Tenn B SCI-110</th>
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<tbody>
<tr>
<td>M 11:00a-01:50p Tenn B SCI-109</td>
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<tr>
<td>1153 MWF 09:00a-09:50a Tenn B SCI-110</td>
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<td>M 02:00p-04:50p Tenn B SCI-109</td>
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<tr>
<td>1155 MWF 11:00a-11:50a Dawson D SCI-110</td>
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<td>T 08:00a-10:50a Beuerman SCI-109</td>
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<tr>
<td>1157 MWF 11:00a-11:50a Dawson D SCI-110</td>
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<td>F 08:00a-10:50a Staff SCI-109</td>
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**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. Advisories: ENGL-85; LRNR-30; MATH-81 or MATH-B.  
This is a continuation of CHEM-02A with emphasis on organic and biochemistry.  

<table>
<thead>
<tr>
<th>MERCED</th>
<th>1360 TTh 12:30p-01:45p Weathers A SCI-202</th>
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<tbody>
<tr>
<td>T 02:00p-04:50p Weathers A SCI-104</td>
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<td>1362 TTh 12:30p-01:45p Weathers A SCI-202</td>
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<td>Th 02:00p-04:50p Weathers A SCI-104</td>
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**CHEM-04A GENERAL CHEMISTRY**  
(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, periodic properties, bonding, intermolecular forces, and crystalline solids.  

<table>
<thead>
<tr>
<th>MERCED</th>
<th>1146 S MWF 11:00a-11:50a Weathers A SCI-208</th>
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<td>S 08:00a-10:50a Weathers A SCI-107</td>
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<tr>
<td>1145 MWF 11:00a-11:50a Weathers A SCI-208</td>
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<tr>
<td>S TTh 08:00a-10:50a Weathers A SCI-107</td>
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<tr>
<td>1147 MWF 12:00p-12:50p Wilson K SCI-202</td>
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<td>TTh 11:00a-01:50p Wilson K SCI-107</td>
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<tr>
<td>1161 MWF 12:00p-12:50p Wilson K SCI-202</td>
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<tr>
<td>TTh 02:00p-04:50p Wilson K SCI-107</td>
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**CHEM-04B GENERAL CHEMISTRY**  
(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.

**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 derivatives, amines and an introduction to the biochemistry of carbohydrates, proteins, and lipids.

**CLDV-01 CHILD GROWTH AND DEVELOPMENT**
(C-ID CDEV 100) (CSU breadth area D7/E) (IGETC area 4G)
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.

**CLDV-02 CHILD, FAMILY AND COMMUNITY**
(C-ID CDEV 110) (CSU breadth area D7/E) (IGETC area 4G)
3 units: 3 hours lecture.
Advisory: ENGL-01A.
This course studies the importance of the socialization of children and how society supports and empowers families.

**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.

**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.

**CLDV-05 HEALTH, SAFETY AND NUTRITION**
(C-ID ECE 220) 3 units: 3 hours lecture.
Advisory: ENGL-01A.
Introduction to the laws, regulations, standards, policies and procedures and early childhood curriculum related to child health safety and nutrition.

**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.

**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 from birth to age 6.

**CONTACT:** For course-specific questions contact the professor of the class. For technology problems contact the help desk at www.mccd.edu/myhelp/ or (209) 381-6565.
CLDV-07L PRACTICUM
(C-ID ECE 210)
3 units: 1 hour lecture, 6 hours lab.
Limitation on enrollment: Students must have a negative result on a TB test within the past four years. Prerequisite: CLDV-01; CLDV-02; CLDV-03, CLDV-07.
In this course the student will practice and demonstrate developmentally appropriate early childhood program planning and teaching competencies under the supervision of ECE/CD faculty and other qualified early education professionals.

MERGED
1879 TTh 08:00a-11:20a Marquez M CDCM-16
6003 Hours by Arr Chappell S
Section 6003 meets on January 16, February 13, March 13, April 17, May 15, 2014; 05:30p-09:20p; CDCM-16.
Section 6003 requires six hours per week of lab.

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

2318 ONLINE Roduner S
CONTACT: For course-specific questions contact the professor of the class roduner.s@mccd.edu. For technology problems contact help desk at www.mccd.edu/myhelp/ or (209) 381-6565.

2314 ONLINE Williamson L
CONTACT: For course-specific questions contact the professor of the class linda.williamson@mccd.edu. For technology problems contact help desk at www.mccd.edu/myhelp/ or (209) 381-6565.

MERGED
1326 MW 03:30p-04:45p Williamson L AHC-129

CLDV-33 WORKING EFFECTIVELY WITH FAMILIES
1 unit: 1 hour lecture.
Advisory: ENGL-85.
This is a course designed for students who are interested in working with families in school setting, K-3rd grade.

9075 Th 05:30p-08:20p Paysstrup J VOC-143
Section 9075 is held from 01/13/14 to 02/20/14.

CLDV-37 SUPERVISING ADULTS IN ECE SETTINGS
2 units: 2 hours lecture.
Advisory: ENGL-85.
This course is a study of the methods and principles of supporting and supervising adults in early childhood settings, emphasizing the role of experienced teachers who mentor new teachers.

MERGED
6034 T 05:30p-07:20p Patton M VOC-138

CLDV-54 SEXUAL DEVELOPMENT OF YOUNG CHILDREN
1 unit: 1 hour lecture.
Prerequisite: CLDV-01. Advisory: ENGL-85.
This course offers students knowledge about healthy sexual development of young children from infancy to age 12.

MERGED
9076 Th 05:30p-08:20p Staff VOC-143
Section 9076 is held from 02/27/14 to 04/03/14.

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

MERGED
6024 W 07:00p-08:50p Patton M VOC-143

CLDV-56L SCHOOL-AGE DEVELOPMENT LAB
2 units: 6 hours lab.
Limitation on Enrollment: Students must have a negative result on a TB test within the past four years. One-way corequisite: CLDV-56.
School-age programs will be studied for purposes of planning experiences which encourage physical, mental, social and emotional growth.
1851 108 hours by arrangement Patton M
IN-CLASS SESSIONS: MANDATORY-January 15, 2014; 04:00p-06:50p; VOC-10. Final Meeting: May 21, 2014; 04:00p-06:50p; VOC-10.

CLDV-57 CHILD ABUSE AND NEGLECT
1 unit: 1 hour lecture.
Advisory: CLDV-01; ENGL-85
This course is designed to help Child Development students and practicing child care professionals understand that the educator has a vital role in the identification, treatment, and prevention of child abuse and neglect.

MERGED
9077 Th 05:30p-08:20p Staff VOC-143
Section 9077 is held from 04/10/14 to 05/22/14.

COMMUNICATION STUDIES (COMM)
COMM-01 FUNDAMENTALS OF SPEECH
(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 preparing and giving speeches in front of audiences.

MERGED
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
1773 TTh 09:30a-10:45a Bonstein J IAC-109
1775 TTh 12:30p-01:45p Young J IAC-121
6092 Th 07:00p-09:50p Bonstein J IAC-121
6380 W 07:00p-09:50p Rigby K IAC-121

LOS BANOS
4241 MW 09:30a-10:45a Staff LB-B-112
4242 MW 12:30p-01:45p Staff LB-B-135

COMM-02 ORAL INTERPRETATION (ALSO: ENGL-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.

MERGED
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.

MERGED
1965 MWF 11:00a-11:50a Hobbs J IAC-109
1782 MWF 12:00p-12:50p Hobbs L IAC-106
1784 TTh 12:30p-01:45p Bonstein J IAC-146
6043 M 05:30p-08:20p Young J IAC-109
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.

MERCED
1779  MW 02:00p-03:15p  Young J  IAC-121
1964  TTh 09:30a-10:45a  Hobbs L  IAC-121
1789  TTh 11:00a-12:15p  Hobbs L  IAC-121
1028  TTh 02:00p-03:15p  Young J  IAC-121
6037  MW 05:30p-06:45p  Rigby K  IAC-121

LOS BAÑOS
4244  MW 02:00p-03:15p  Staff  LB-B-134
8250  Th 05:30p-08:20p  Staff  LB-B-112

COMM-30  INTRODUCTION TO INTERCULTURAL COMMUNICATION
(C-ID COMM 150)  (CSU breadth area D7)  (IGETC area 4G)  (CILC areas D)
3 units: 3 hours lecture.
Prerequisite: ENGL-85.
This course is designed to examine the basic concepts, principles, and their application to communication between persons from different minority, ethnic, and co-cultural backgrounds within the United States and in the international arena through the scope of interpersonal communication skills.

MERCED
1781  MWF 10:00a-10:50a  Hobbs L  IAC-109

COMPUTER SCIENCE (CPSC)

CPSC-01  INTRODUCTION TO MANAGEMENT INFORMATION SYSTEMS
(CILC areas A,B,C,D,E,F)
4 units: 3 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-C.
This is an entry-level course for business majors, students majoring in Computer Science or Management Information Systems, or anyone interested in the fundamentals of computer information systems and gaining an understanding of fundamental programming concepts.

CPSC-05  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.

MERCED
2329  W 05:30p-07:20p  Kanemoto K  VOC-113
CONTACT:  kanemoto.k@mccd.edu
IN-CLASS SESSIONS: Lecture: Wednesdays; 05:30p-07:20p; VOC-113.
COMMENTS: 3 hours lab per week will be online.
Section 2329 requires purchasing a print card at a cost of $1.00 per 50 pages. Print cards are available at the campus bookstore or campus student fees office.

MERCED
1165  MW 10:30a-12:45p  Kanemoto K  VOC-113
Section 1165 requires purchasing a print card at a cost of $1.00 per 50 pages. Print cards are available at the campus bookstore.

CPSC-30  COMPUTER APPLICATIONS
(CILC areas A,B,C,D,E,F)
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.

MERCED
2316  ONLINE  Reintke T
CONTACT:  reintke.t@mccd.edu or  www.mccd.edu/faculty/reintket
COMMENTS: Microsoft Office 2010 Professional software is required (to include ACCESS).

MERCED
2393  ONLINE  Garcia Martinez J
CONTACT:  juan.garcia955@mccd.edu
COMMENTS: Microsoft Office 2010 Professional is required (to include ACCESS).

MERCED
2394  ONLINE  Robinson D
CONTACT:  robinson.d@mccd.edu
COMMENTS: Microsoft Office 2010 Professional is required (to include ACCESS).  Students be sure to check your college e-mail for start up instructions.

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

LOS BAÑOS
4254  TTh 08:00a-10:15a  Cope S  LB-A-108
8251  MW 07:00p-09:15p  Garcia Martinez J  LB-A-108

DELI
7720  TTh 06:30p-08:45p  Somers G  DELM-MC7
Section 7720 is held at Delhi Center of Merced College; 9384 Merced Avenue, Delhi.
CPSC-39 PROGRAMMING CONCEPTS AND METHODOLOGY II
(CID COMP 132)
4 units: 3 hours lecture, 3 hours lab.
Prerequisite: CPSC-06 or ENGR-14 or MATH-14. Advisory: ENGL-01A.
This course is a continuation course in Computer Science which introduces further aspects of software design and implementation.

2324 TTh 05:30p-07:20p Kanemoto K VOC-113
CONTACT: kanemoto.k@mccd.edu
IN-CLASS SESSIONS: Tuesdays/Thursdays; 05:30p-07:20p; VOC-113.
COMMENTS: 36 lab hours will be online.
Section 2324 requires a print card at a cost of $1.00 per 50 pages. Print cards are available at the campus bookstore.

CPSC-49V INTRODUCTION TO ADOBE FLASH I
3 units: 2 hours lecture, 3 hours lab.
Advisories: ENGL-85.
This course is ideal for beginners with little or no prior experience using Flash software, which is one of the standard tools used in web design.

MERCED
1119 TTh 01:00p-03:15p Kanemoto K VOC-113
Section 1119 requires purchasing a print card at a cost of $1.00 per 50 pages. Print cards are available at the campus bookstore or campus student fees office.

COOPERATIVE EDUCATION (COOP)
Merged Campus
Students enroll in Cooperative Education by going to the Cooperative Education Office in the Lesher Student Services Center. Call (209) 384-6068 for more information.

Los Baños Campus
Students enroll in Cooperative Education by meeting with a counselor in Student Services located in Building A. Call (209) 826-3495 or (209) 826-6432 for more information.

COOP-41A COOPERATIVE EDUCATION IN (SUBJECT)
1-4 units: 1-4 hours weekly.
Advisory: ENGL-85.
Cooperative work experience education is a process of education that combines work experience with regular college instruction as an integral part of the community college curriculum.

COOP-41BCD COOPERATIVE EDUCATION IN (SUBJECT)
1-4 units: 1-4 hours weekly.
Prerequisite: COOP-41A. Advisory: ENGL-85.
See COOP-41A above.

CORRECTIONS (CORR)
CORR-01 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
1751 Th 02:00p-04:50p Falkowski D VOC-38

CORR-42 CONTROL & SUPERVISION IN CORRECTIONS
3 units: 3 hours lecture.
Advisories: CORR-01 or CRIM-01 or CRIM-02; ENGL-01A.
This course offers an overview of supervision of inmates in the local, state, and federal correctional institutions.

MERCED
1961 T 02:00p-04:50p Falkowski D VOC-39

CORR-43 CORRECTIONAL INTERVIEWING AND COUNSELING
3 units: 3 hours lecture.
Advisories: Prior completion or concurrent enrollment in CORR-01 or current employment as a peace officer in the field of corrections; ENGL-01A.
This class provides an overview of the techniques available to practitioners in Corrections in counseling and interviewing.

MERCED
1968 MW 12:30p-01:45p Falkowski D VOC-39

CORR-44 LEGAL ASPECTS OF CORRECTIONS
3 units: 3 hours lecture.
One-way corequisite: CORR-01. Advisories: ENGL-85; or current employment as a correctional officer.
This course provides students with an awareness of the historical framework, concepts, and precedents that guide correctional practice.

MERCED
1193 MW 11:00a-12:15p Falkowski D VOC-39

CRIMINAL JUSTICE (CRIM)
CRIM-01 CRIMINOLOGY
(CSU breadth area D0)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course is an analysis of the nature and patterning of criminality and theories of criminal behavior.

MERCED
1167 MW 03:30p-04:45p Gregory B VOC-141

CRIM-02 INTRODUCTION TO CRIMINAL JUSTICE
(C-ID AJ 110)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course pertains to the history and philosophy of criminal justice in America.

MERCED
1069 TTh 02:00p-03:15p Norris S VOC-141
6194 T 07:00p-09:50p Falkowski D VOC-39

DOS PALOS
7900 M 06:00p-08:50p Reed C DPHS
Section 7900 is held at Dos Palos High School; 1701 E. Blossom St, Room 14; Dos Palos.

CRIM-03 CRIMINAL PROCEDURES
(C-ID AJ 122)
3 units: 3 hours lecture.
Prerequisite: CRIM-01 or CRIM-02; ENGL-85.
This course covers the examination of due process from pre-arrest through trial and appeal.

MERCED
1169 MW 02:00p-03:15p Gregory B VOC-141

LOS BAÑOS
8271 W 07:00p-09:50p Reed C LB-A-103

CRIM-04 CRIMINAL LAW
(C-ID AJ 120)
3 units: 3 hours lecture.
Prerequisite: ENGL-85. One-way corequisite: CRIM-01 or 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
6411 M 05:30p-08:20p Goold J VOC-141

LOS BAÑOS
8272 T 07:00p-09:50p Sandhaus D LB-B-106

CRIM-05 COMMUNITY AND HUMAN RELATIONS
(C-ID AJ 160)
3 units: 3 hours lecture.
One-way corequisite: CRIM-01 or CRIM-02. Advisory: ENGL-85.
This course covers the relationship of criminal justice agents and the
community; causal and symptomatic aspects of community understanding; lack of cooperation and mistrust; study of behavioral causes; and ways to develop and maintain amicable relationships within a diverse multicultural population.

**MERCED**  
1170    MW    09:30a-10:45a  Norris S  VOC-141

**CRIM-06  INTRODUCTION TO EVIDENCE**  
(C-ID AJ 124)  
3 units: 3 hours lecture.  
One-way corequisite: CRIM-01 or CRIM-02.  
Advisory: ENGL-85.  
This course is a study of the origins, development, philosophy, and constitutional basis of evidence; constitutional and procedural considerations affecting arrest; search and seizure; kinds and degrees of evidence and rules governing admissibility and exclusion of criminal evidence; judicial decisions interpreting individual rights; and case studies viewed from a conceptual level.

**MERCED**  
6412    Th    07:00p-09:50p  Hazel A  VOC-37

**CRIM-08  INTRODUCTION TO INVESTIGATION**  
(C-ID AJ 140)  
3 units: 3 hours lecture.  
Advisory: ENGL-85.  
This course covers the fundamentals of investigation; techniques procedures, and ethical issues of investigation of crime, including organization of the investigative process, crime scene searches, recording, collection, and preservation of physical evidence, interviewing and interrogating, surveillance, source of information, utility of evidence, scientific analysis of evidence and the role of the investigator in the trial process.

**MERCED**  
1589    TTh    03:30p-04:45p  Norris S  VOC-141

**CRIM-10  WRITING FOR CRIMINAL JUSTICE**  
3 units: 3 hours lecture.  
Prerequisite: CRIM-04.  
This course covers the techniques of communicating facts, information, and ideas effectively in a simple, clear, and logical manner in the various types of criminal justice system reports: letters, memoranda, directives, and administrative reports.

**MERCED**  
1171    TTh    12:30p-01:45p  Gregory B  VOC-141

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

**MERCED**  
1014    MW    11:00a-12:15p  Norris S  VOC-141

**CRIM-35  NARCOTICS**  
3 units: 3 hours lecture.  
Advisories: CRIM-01 or 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**  
6415    T    07:00p-09:50p  Trinidad T  AHC-124

**CRIM-37  COMMUNICATION AND ETHICS IN LAW ENFORCEMENT**  
3 units: 3 hours lecture.  
Advisories: ENGL-85; CRIM-01 or 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.
DRAFTING TECHNOLOGY (DRFT)

DRFT-04A FUNDAMENTALS OF COMPUTER-AIDED DRAFTING
3 units: 2 hours lecture, 3 hours lab.
Limitation on enrollment: Limited to Available Software Licenses at the facilities (N/A for Online). Prerequisite: MATH-80 or MATH-85. Advisories: CPSC-30; READ-81, ENGL-84.
This course uses AutoCAD. The student will progress through the fundamental and some intermediate commands.

DRFT-04B INTRODUCTION TO 3D
3 units: 2 hours lecture, 3 hours lab.
Limitation on enrollment: Limited to available software licenses at the facilities. Advisory: CPSC-30.
This course is an introduction to direct 3D modeling.

DRFT-04D ADVANCED PARAMETRIC MODELING
3 units: 2 hours lecture, 3 hours lab.
Limitation on enrollment: Limited to available software licenses at the facilities. Prerequisite: DRFT-04C.
This course uses Inventor and SolidWorks.

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.

DRFT-10 RENDERING AND ANIMATION
3 units: 2 hours lecture, 3 hours lab.
Limitation on enrollment: Limited to available software licenses at the facilities. 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.

DRFT-35 CAPSTONE DESIGN PROJECT
3 units: 2 hours lecture, 3 hours lab.
Limitation on enrollment: Limited to available software licenses at the facilities. 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).

DRFT-42A ARCHITECTURAL DRAFTING - AUTOCAD
3 units: 2 hours lecture, 3 hours lab.
Limitation on enrollment: Limited to available software licenses. Prerequisite: DRFT-04A.
This course covers the drafting techniques used in the preparation of working drawings for building construction, with special emphasis on house planning, house construction, and building codes and regulations.

DRFT-44 PRINT READING AND SKETCHING
3 units: 2 hours lecture, 3 hours lab.
Advisories: READ-81, ENGL-84; MATH-80.
This course is for technical students and other personnel who must be skilled in reading industrial prints.

DRFT-69 BASIC DRAFTING
3 units: 2 hours lecture, 3 hours lab.
Advisories: READ-81, ENGL-84; MATH-80.
This course covers principles of mechanical drawing and drafting.

DRAM (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**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Prerequisite</th>
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<tbody>
<tr>
<td>DRAM-01</td>
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<td>11:00a-12:15p</td>
<td>Heidelbach C</td>
<td>IAC-108</td>
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<td>DRAM-01 requires theater attendance at the cost of the student.</td>
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**LOS BAÑOS**

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<tbody>
<tr>
<td>4926</td>
<td>F</td>
<td>09:00a-11:50a</td>
<td>Morriston J</td>
<td>LB-B-112</td>
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**MARIPOSA**

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<tbody>
<tr>
<td>7802</td>
<td>T</td>
<td>06:30p-09:20p</td>
<td>Burns T</td>
<td>MARI-8</td>
</tr>
</tbody>
</table>

Section 7802 requires theater attendance at the cost of the student. Section 7802 is held at Alternative Education Site–Mountain Community; 5171 Silva Road; Mariposa.

**DRAM-02 REHEARSAL AND PERFORMANCE**

2 units: 1 hour lecture, 3 hours lab.

Limitation on enrollment: Enrollment by audition or interview, instructor signature required. One-way corequisite: DRAM-02L. Advisory: ENGL-85.

This course focuses on preparing students for the practical application of rehearsal techniques, play promotion, and production towards public performance using a different work or genre for each subsequent offering. Because a different work or genre is explored in each subsequent offering, the course may be repeated three times.

**MERCED**

<table>
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<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Prerequisite</th>
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<tr>
<td>9203</td>
<td>MTW</td>
<td>05:30p-09:45p</td>
<td>Heidelbach C</td>
<td>THTR-STG</td>
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</table>

Section 9203 is held from 01/13/14 to 02/19/14. Students registering for DRAM-02-9203 must also register for DRAM-02L-9207.

**9082**

<table>
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<th>Course Code</th>
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<td>MTWTh</td>
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<td>THTR-STG</td>
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</table>

Section 9082 is held from 03/17/14 to 04/10/14. Students registering for DRAM-02-9082 must also register for DRAM-02L-9083.

**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. This course may be repeated three times.

**MERCED**

<table>
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<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
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<td>9027</td>
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Section 9027 is held from 02/24/14 to 03/16/14. Section 9027 requires an orientation on 02/24/14 from 05:30p to 09:15p; Theatre Stage.

<table>
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<th>Course Code</th>
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<th>Time</th>
<th>Instructor</th>
<th>Prerequisite</th>
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<tbody>
<tr>
<td>9083</td>
<td>MTW</td>
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<td>Heidelbach C</td>
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</tbody>
</table>

Section 9083 is held from 04/14/14 to 05/04/14. Section 9083 requires an orientation on 04/14/14 from 05:30p to 09:15p; Theatre Stage.

**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.

**MERCED**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Prerequisite</th>
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<td>1910</td>
<td>MW</td>
<td>11:00a-12:15p</td>
<td>Heidelbach C</td>
<td>ART-1</td>
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</table>

**DRAM-12 ACTING I**

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**

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<thead>
<tr>
<th>Course Code</th>
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<th>Instructor</th>
<th>Prerequisite</th>
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</thead>
<tbody>
<tr>
<td>1826</td>
<td>MW</td>
<td>01:00p-03:15p</td>
<td>Morriston J</td>
<td>THTR-STG</td>
</tr>
</tbody>
</table>

**DRAM-15 STAGECRAFT**

3 units: 2 hours lecture, 3 hours lab.

Advisory: ENGL-01A.

This course is a study of the physical aspects of stagecraft, including makeup, set construction, scenic artistry, lighting, costuming, and sound production.

**MERCED**

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<th>Course Code</th>
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<th>Instructor</th>
<th>Prerequisite</th>
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<tr>
<td>1183</td>
<td>TTh</td>
<td>01:00p-03:15p</td>
<td>Souza J</td>
<td>THTR-STG</td>
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</tbody>
</table>

**DRAM-16 INTERMEDIATE THEATER CRAFTS**

3 units: 2 hours lecture, 3 hours lab.


This course provides for a more advanced study of the physical aspects of theater production.

**MERCED**

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<tr>
<th>Course Code</th>
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**ECONOMICS (ECON)**

**ECON-01A INTRODUCTION TO MACROECONOMICS**

(CSU breadth area D2) (IGETC area 4B)

3 units: 3 hours lecture.

Prerequisite: ENGL-85; MATH-81.

ECON-01A 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.

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Section 1209 requires online homework. Additional fees apply. Please refer to www.mercedcollegebookstore.com.

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Section 1212 requires online homework. Additional fees apply. Please refer to www.mercedcollegebookstore.com.

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**ECON-01B INTRODUCTION TO MICROECONOMICS**

(CSU breadth area D2) (IGETC area 4B)

3 units: 3 hours lecture.

Advisories: ENGL-85; MATH-81.

ECON-01B 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.

**CONTACT:** stapleton.i@mccd.edu

Section 2361 requires online homework. Additional fees apply. Please refer to www.mercedcollegebookstore.com.

**MERCED**

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ELECTRICITY -- ELECTRONICS (ELCT)

ELCT-30 EXPLORING THE WORLD OF ELECTRICITY AND ELECTRONICS
3 units: 3 hours lecture.
Advisories: ENGL-01A; MATH-80 or MATH-85.
This is an overview of electricity and electronics presented in the context of the principles of science.

MERCED
1608 F 08:00a-10:50a Walls W VOC-42

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

MERCED
1200 MW 08:00a-12:20p Hamilton A VOC-42

ELCT-32 FUNDAMENTALS OF ANALOG ELECTRONICS
5 units: 2 hours lecture, 9 hours lab.
Prerequisite: ELCT-31. Advisories: ENGL-85; MATH-80 or MATH-85.
This course introduces the fundamental concepts of analog electronics, semiconductor devices and integrated circuits.

MERCED
1429 TTh 12:30p-05:50p Staff VOC-42
1952 TTh 12:30p-05:50p Staff VOC-42
Section 1952 is a TAACCCT Grant class.
Instructor signature is required.

ELCT-35 MICROCONTROLLERS AND PROGRAMMING WITH ROBOTICS APPLICATIONS
4 units: 2 hours lecture, 6 hours lab.
Prerequisite: ELCT-34. Advisory: ENGL-85; MATH-80 or MATH-85.
This is an introductory course to the design and control of autonomous robots.

MERCED
1274 MW 01:00p-04:50p Hamilton A VOC-42
Section 1274 is a TAACCCT Grant class.
Instructor signature is required.

ELCT-40B WORKING AT A SMALL-TO-MEDIUM BUSINESS OR ISP (ALSO: CPSC-40B)
[CPSC areas A,C,E]
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: CPSC-40A or ELCT-30, ELCT-31; ENGL-85.
This course prepares students for jobs as network technicians. Students develop soft skills required for computer and help desk technicians.

MERCED
1938 MW 08:00a-10:15a Walls W IT-1

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
1654 MW 08:00a-10:15a Walls W IT-1

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

MERCED
1794 TTh 02:00p-03:50p Hamilton A IT-1

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
6076 M 05:30p-09:20p Gouveia A 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 course is designed to provide the student with a working knowledge of the hardware and software used with personal computers (PCs).

MERCED
1029 MW 10:30a-12:45p Walls W IT-1

ELCT-55C ELECTRICAL CONDUIT BENDING THEORY AND TECHNIQUES
1 unit: 0.5 hour lecture, 1.5 hours lab.
Advisories: READ-81, ENGL-84; MATH-B.
This course provides a comprehensive overview of conduit bending, fabrication procedures and methods.

MERCED
6075 Th 05:30p-07:20p Kamesch A IT-1

ELCT-57 ADVANCED TOPICS IN MECHATRONICS/AUTOMATED SYSTEMS
5 units: 3 hours lecture, 6 hours lab.
Prerequisite: ELCT-32, ELCT-42B, ELCT-56.
This course introduces students to advanced mechatronics systems that integrate complex mechanical, electronic, pneumatics and PLC programming software applications.

MERCED
1811 TTh 08:00a-12:20p Hamilton A VOC-42
TAACCCT Grant Class.
Instructor signature is required.

ELCT-71AE SOLAR PV-2
3 units: 2 hours lecture, 3 hours lab.
Prerequisite/Advisory: None.
This is a continuation of Solar PV-1 that will examine and implement the design and installation of solar photovoltaic power systems which include safety, site survey and preplanning for a residential grid-tie, off-grid installations, commissioning, maintenance, and troubleshooting systems and economic analysis. This course is intended for students that are planning a career in the solar photovoltaic energy industry.

MERCED
1929 Th 08:00a-12:50p Walls W IT-1

ENGINEERING (ENGR)

ENGR-10 ENGINEERING MATERIALS
3 units: 3 hours lecture.
Prerequisites: CHEM-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

ENGR-18 ELECTRICAL CIRCUITS ANALYSIS
4 units: 3 hours lecture, 3 hours lab.
Prerequisite: PHYS-04B. One-way corequisite: MATH-04C. 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.
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.

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.

Section 2304
HYBRID
CONTACT: piro.v@mccd.edu
ORIENTATION: MANDATORY - January 14, 2014; 07:00p-08:50p; IAC-124.
IN-CLASS SESSIONS: MANDATORY - Mid-Term - March 18, 2014; 07:00p-08:50p; IAC-124, MANDATORY - Final Exam - May 20, 2014; 07:00p-08:50p; IAC-124.
COMMENTS: Students who do not attend the mandatory orientation, midterm, and final in-class sessions will be dropped from the course. Textbooks may be purchased from the Merced College Bookstore or from other sources, but they must be the edition indicated in the syllabus.

Section 2305
ONLINE
CONTACT: ward.s@mccd.edu, nicoll-johnson.m@mccd.edu
ORIENTATION: Mandatory-January 15, 2014; 05:00p-06:50p; IAC-124.
COMMENTS: Students who do not attend the mandatory orientation session will be dropped.

Section 2304
HYBRID
CONTACT: white.a@mccd.edu for class information and the Help Desk at www.mccd.edu/myhelp/ or (209) 381-6565 for technology help.
ORIENTATION: MANDATORY - January 16, 2014; 05:00p-06:50p; IAC-124.
IN-CLASS SESSIONS: MANDATORY - Mid-Term - March 20, 2014; 05:00p-06:50p; IAC-124. MANDATORY - Final Exam - May 22, 2014; 05:00p-06:50p; IAC-124.
COMMENTS: Students who do not attend the mandatory orientation, midterm, and final in-class sessions will be dropped from the course. Textbooks may be purchased from the Merced College Bookstore or from other sources, but they must be the edition indicated in the syllabus.

Section 1235
LC
CONTACT: piro.v@mccd.edu
Section 1235 is a Learning Community with course.
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. Students develop analytical and evaluative reading and writing skills while acquiring an appreciation for the cultural context and the aesthetic qualities of literature.

ENGL-02 ORAL INTERPRETATION (ALSO: COMM-02)
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.

ENGL-04B INTRODUCTION TO WORLD LITERATURE: 1650 TO PRESENT
(C-ID ENGL 145) (CSU breadth area C2) (IGETC area 3B)
3 units: 3 hours lecture.
Prerequisite: ENGL-01A. Advisory: ENGL-01B.
This course examines the origins and subsequent developments of world literatures and cultures from 1650 to the present through various literary genres and cultural traditions.

ENGL-07 STUDIES IN LITERATURE: POETRY
(CSU breadth area C2) (IGETC area 3B)
3 units: 3 hours lecture.
Prerequisite: ENGL-01A. Advisory: ENGL-01B.
This course traces origins and developments of the poem as a major literary genre.

ENGL-11 AMERICAN LITERATURE FROM POST-CIVIL WAR TO PRESENT
(C-ID ENGL135) (CSU breadth area C2) (IGETC area 3B)
3 units: 3 hours lecture.
Prerequisite: ENGL-01A. Advisory: ENGL-01B.
This course is designed to introduce students to the history and variety of American literature from the end of the 1865 to the present.

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.

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.

ENGL-13H HONORS CRITICAL REASONING AND WRITING (ALSO: PHIL-13H)
(C-ID ENGL 105) (CSU breadth area A3) [CILC area G] (C-ID ENGL 200)
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.

ENGL-83 FOUNDATIONS IN WRITING II
5 units: 5 hours lecture.
Prerequisite: ENGL-90 or ESL-92B. 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.

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. ENGL-85 requires purchasing a print card at a cost of $1.00 per 50 pages. Print cards are available at the campus bookstore or campus student fees office.

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**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. ENGL-85 requires purchasing a print card at a cost of $1.00 per 50 pages. Print cards are available at the campus bookstore or campus student fees office.

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<td>Section 1222 requires the use of Aplia and Enhanced InSite software included with the latest edition of the Harbrace Essentials handbook available at the Merced College bookstore. If buying a used handbook you will incur additional and separate fees for software access.</td>
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**Section 9028 is held from 01/13/14 to 03/14/14.**

**Section 4351 requires the Aplia bundle with software access code. Fees apply, please refer to [www.mercedcollegebookstore.com](http://www.mercedcollegebookstore.com)**

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<td>Section 4347 requires the Aplia bundle with software access code. Fees apply, please refer to <a href="http://www.mercedcollegebookstore.com">www.mercedcollegebookstore.com</a></td>
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<td>Baker W</td>
<td>LB-B-136</td>
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<td>MW</td>
<td>02:00p-03:15p</td>
<td>Baker W</td>
<td>LB-A-109</td>
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<td>Section 4348 requires the Aplia bundle with software access code. Fees apply, please refer to <a href="http://www.mercedcollegebookstore.com">www.mercedcollegebookstore.com</a></td>
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<td>Kimoto S</td>
<td>LB-B-135</td>
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<td>TTh</td>
<td>02:00p-03:15p</td>
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<td>Section 4350 requires the Aplia bundle with software access code. Fees apply, please refer to <a href="http://www.mercedcollegebookstore.com">www.mercedcollegebookstore.com</a></td>
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<td>LB-A-109</td>
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<td>Section 4349 requires the Aplia bundle with software access code. Fees apply, please refer to <a href="http://www.mercedcollegebookstore.com">www.mercedcollegebookstore.com</a></td>
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<td>Section 8348 requires the Aplia bundle with software access code. Fees apply, please refer to <a href="http://www.mercedcollegebookstore.com">www.mercedcollegebookstore.com</a></td>
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</table>
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.

MERCED
1176  MWF  02:00p-03:05p  Rivero E  ART-2
LOS BAÑOS
4423  TTh  10:00a-11:50a  Goodwin N  LB-B-111

ENGLISH AS A SECOND LANGUAGE (ESL)

ESL-92B  ESL READING AND WRITING 2
5 units: 5 hours lecture.
Prerequisite: ESL-92A.
This is an intermediate writing and reading course for students whose native language is not English (ESL).

MERCED
1141  MWF  11:05a-12:30p  Lankford T  VOC-143

FIRE TECHNOLOGY (FIRE)

FIRE-30  FIRE PROTECTION ORGANIZATION
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course provides an introduction to fire protection; career opportunities in fire protection and related fields.

MERCED
1280  TTh  08:00a-09:15a  Donnelly B  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.

MERCED
6524  Th  07:00p-09:50p  Donnelly B  VOC-39

FIRE-63A  BASIC FIREFIGHTER I, ACADEMY A
8 units: 7 hours lecture, 3 hours lab.
Prerequisite: FIRE-30. Advisory: ENGL-85.
This course provides manipulative and technical training in basic concepts of fire protection and related fields.

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 01/13/14 to 03/14/14.
Section 9140 requires 180 hours by arrangement and will meet on Saturdays and Sundays; 08:00a-04:50p to include a 1/2 hour lunch break; dates to be announced. Section 9140 requires a $65 fee for instructional materials. 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.

FIRE-63B  BASIC FIREFIGHTER I, ACADEMY B
8 units: 7 hours lecture, 3 hours lab.
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 extraction, wildland fire fighting, urban interface, and hazardous materials.

FRENCH (FREN)

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.

MERCED
1947  MTWTh  02:15p-03:20p  Rida A  AHC-129

FREN-04  INTERMEDIATE FRENCH II
(CSU breadth area C2) (IGETC area 3B/6)
5 units: 5 hours lecture.
Prerequisite: FREN-03. Advisory: LRNR-30.
This course is a thorough review of the fundamentals of reading, writing, speaking and understanding French, designed to aid the student in preparing for advanced studies in French composition, grammar, and conversation as well as literature in French, history and culture.

MERCED
1950  MTWTh  02:15p-03:20p  Rida A  AHC-129

GEOGRAPHY (GEOG)

GEOG-01  PHYSICAL GEOGRAPHY
(CSU breadth area B1) (IGETC area 5A)
3 units: 3 hours lecture.
Advisory: ENGL-85.
In this course, the basic physical elements of the world are presented. Topics to be covered include topographic maps, earth-sun relationships, and time. Weather processes and climates are correlated to human environments.

ONLINE  2358  384-6349
CONTACT: morimoto.df@mccd.edu
COMMENTS: Access code: AND login to Blackboard AND Wiley Plus REQUIRED within the first week of instruction. NEW textbooks purchased through the college bookstore include the access code needed for the course; everyone else (i.e., used text or purchased online) will need to buy their own access code in addition to the text.

MERCED
1378  MWF  10:00a-10:50a  Morimoto D  IAC-106
1379  MWF  11:00a-11:50a  Morimoto D  IAC-106
1381  TTh  09:30a-10:45a  Phillips S  IAC-106
1095  TTh  11:00a-12:15p  Phillips S  IAC-106
6223  W  07:00p-09:50p  Gaugler C  IAC-106

LOS BAÑOS
8454  W  07:00p-09:50p  Bloom K  LB-B-134
**GEOG-01L PHYSICAL GEOGRAPHY LABORATORY**  
(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**  
1776 Th 01:00p-03:50p Phillips S IAC-106

**GEOG-02 WORLD GEOGRAPHY**  
(CSU breadth area D5) (IGETC area 4E)  
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. 

2327 ONLINE Morimoto D  
CONTACT: morimoto.d@mccd.edu or (209) 384-6349.  
COMMENTS: Access code AND login to both Blackboard AND Wiley Plus REQUIRED within the first week of instruction. NEW textbooks purchased through the college bookstore include the access code needed for the course; everyone else (i.e., used text or purchased online) will need to buy their own access code in addition to the text.

**GEOGRAPHY (GEO)**

**GEOL-01 PHYSICAL GEOLOGY**  
(CSU breadth area B1/B3) (IGETC area 5A/5C)  
4 units: 3 hours lecture, 3 hours lab.  
Advisory: ENGL-85.  
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 Saturday 8-hour field trip to Yosemite National Park. There is no associated cost to the student.

**GEOL-02 HISTORICAL GEOLOGY**  
(CSU breadth area B1) (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. 

**MERCED**  
6028 TTh 05:30p-06:45p Davies R SCI-105  
& T 07:00p-09:50p Davies R SCI-105  
Section 6028 includes a 3-day, 2-night field trip to the Mojave Desert to map and collect fossils. Transportation is in school vans, students will provide food and their own camping equipment. The geology department has stoves and cookware, students are responsible for their own sleeping bags and associated camping equipment.

**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 IAC-108

**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. 

**MERCED**  
1129 MWF 11:00a-12:25p Kreide C IAC-108

**GUIDANCE (GUID)**

**GUID-30 FOUNDATIONS AND STRATEGIES FOR COLLEGE SUCCESS**  
(CSU breadth area E)  
3 units: 3 hours lecture.  
Advisory: ENGL-85; Compose essays at the ENGL-01A entrance level; Apply reading strategies and critical reading and thinking skills at ENGL-01A entrance level.  
This comprehensive course integrates the cultivation of skills, values, and attitudes indicative of confident, capable students/individuals with problem solving and critical/creative thinking.  
Classes on Merced campus requires the purchase of the MBTI assessment for approximately $13.20 Additional information will be provided in class.  
Classes on Los Baños campus requires the purchase of access to the MBTI assessment for approximately $13.20 and the Strong Interest Inventory for about $8.55. Additional information will be provided in class.

2334 ONLINE Barry O  
CONTACT: For course-specific questions, contact the professor of the class barry.j@mccd.edu. For technology problems, contact the help desk at www.mccd.edu/myhelp/ or (209) 384-6565.

2351 ONLINE McMillan W  
CONTACT: For course-specific questions, contact the professor of the class morimoto.d@mccd.edu. For technology problems, contact the help desk at www.mccd.edu/myhelp/ or (209) 384-6565.

**MERCEDE**  
1800 MWF 07:00a-07:50a Hardcastle C VOC-138  
1134 MWF 12:00p-12:50p Long B VOC-138  
1790 TTh 02:00p-03:15p Maples Williams I VOC-139  
6019 M 07:00p-09:50p Clark K VOC-139

**LOS BAÑOS**  
4476 TTh 09:30a-10:45a Enos K LB-B-106  
8478 Th 07:00p-09:50p Rodriguez L LB-B-107

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

**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.  
GUID-45 requires the purchase of the MBTI assessment for approximately $13.20. Additional information will be provided in class. 

**MERCED**  
1734 LC 11:00a-12:15p Soto G VOC-139  
Section 1734 is a Puente Learning Community with ENGL-01A-1235  
6028 M 05:30p-08:20p Clark S VOC-111

LC-Learning Community class. See page 53 for details. Si-Supplemental Instruction class. See page 69 for details. Online/Hybrid Classes. See page 56 for details.
This course is designed to introduce first year students to strategies for college success through an exploration of college policies, programs, services and academic expectations.

**MERCED**

9214 T 09:00a-09:50a Gilardi M IAC-123
Section 9214 is held from 01/14/14 to 03/11/14.

9211 LC F 11:00a-11:50a Smith D VOC-111
Section 9211 is held from 01/17/14 to 03/14/14.
Section 9211 is a Learning Community with READ-81-1034 & ENGL-84-1090.

**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.

**GUID-48 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.

**GUID-54 LIFE AND CAREER PLANNING**

3 units: 3 hours lecture.
Advisory: ENGL-85.

This is a structured sequential course in life and career planning.

**MERCED**

1249 MWF 08:00a-08:50a Lor S VOC-138
Section 1249 requires the purchase of the MBTI assessment for approximately $13.20. Additional information will be provided in class.

6228 T 07:00p-09:50p McMillan W VOC-139
Section 6228 requires the purchase of the MBTI assessment for approximately $13.20. Additional information will be provided in class.

**GUID-85 FIRST YEAR SUCCESS**

.50 unit: .50 hour lecture.
Advisories: READ-80, ENGL-83.

This course provides a broad historical survey of humanity's social, political, and intellectual experiences for all major world civilizations from pre-history through approximately 1650.

**MERCED**

1985 MWF 09:00a-09:50a Harvey E VOC-8
6020 MW 05:30p-06:45p Lorenz M AHC-129
HIST-04B HISTORY OF CIVILIZATION: PART II  
(CSU breadth area C2/D6) (IGETC area 3B)  
3 units: 3 hours lecture.  
Advisory: ENGL-85.  
This course provides a broad historical survey of humanity’s social, political, economic and intellectual experiences for all major world civilizations from the 17th century to the present.  

**MERCED**  
1585 MWF 11:00a-11:50a Lorenz M IAC-146  

**LOS BAÑOS**  
4499 MW 09:30a-10:45a Gardner J LB-B-107  

HIST-09A INTRODUCTION TO EAST ASIAN CIVILIZATION: CHINA  
(CSU breadth area C2) (IGETC area 3B/4F)  
3 units: 3 hours lecture.  
Advisories: ENGL-01A; LRNR-30; PHIL-10.  
This course provides a broad historical survey of China, the Far East’s oldest civilization, from prehistoric times to the present, with emphasis on China’s cultural achievements and contributions to both Eastern and Western civilizations.  

**MERCED**  
1208 TTh 02:00p-03:15p Lorenz M VOC-9  

HIST-17A UNITED STATES HISTORY AND UNITED STATES CONSTITUTION  
(CSU breadth area C2/D6/F1/F2) (IGETC area 3B/4F)  
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.  

**MERCED**  
1196 MWF 08:00a-08:50a Harvey E VOC-8  
1404 MWF 11:00a-11:50a Steeley J VOC-8  
1402 MWF 01:00p-01:50p Seymour D IAC-142  
1267 MW 02:00p-02:50p Lorenz M VOC-9  
1567 TTh 11:00a-12:15p Morris R VOC-9  
1966 TTh 12:30p-01:45p Lorenz M AHC-129  
1041 TTh 03:30p-04:45p Cowell D VOC-9  
6233 M 07:00p-09:50p Purcell C VOC-9  
6069 T 07:00p-09:50p Cowell D AHC-129  
6234 W 07:00p-09:50p Kocolas T VOC-9  

**LOS BAÑOS**  
4497 MW 02:00p-03:15p Cook J LB-B-107  
4496 TTh 09:30a-10:45a Gardner J LB-B-107  

HIST-17B UNITED STATES HISTORY AND CALIFORNIA STATE AND LOCAL GOVERNMENT  
(CSU breadth area C2/D6/F1/F2) (IGETC area 3B/4F)  
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.  

**MERCED**  
1411 MWF 09:00a-09:50a Johl A VOC-9  

HIST-17BH HONORS UNITED STATES HISTORY AND CALIFORNIA STATE AND LOCAL GOVERNMENT  
(CSU breadth area C2/D6/F1/F2) (IGETC area 3B/4F)  
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 from the late 19th century to the present.  

**MERCED**  
1962 TTh 09:30a-10:45a Johl A VOC-9  

HIST-22 HISTORY OF MINORITIES -- BLACK EMPHASIS  
(CSU breadth area D3/D6/F2) (IGETC area 4C/4F)  
3 units: 3 hours lecture.  
Advisories: ENGL-01A.  
This course is a political and social history of American society and culture as seen from the Black perspective.  

**MERCED**  
1112 TTh 12:30p-01:45p Johl A VOC-8  

HIST-23 THE HISTORY OF HISPANIC-AMERICANS IN THE SOUTHWEST U.S.  
(CSU breadth area D3/D6) (IGETC area 4C/4F)  
3 units: 3 hours lecture.  
Advisory: ENGL-85.  
This course is an introduction to the history of the Mexican-American, and is designed to examine the contributions of Hispanics to the U.S.  

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

HIST-29 HISTORY OF CALIFORNIA  
(CSU breadth area D6)  
3 units: 3 hours lecture.  
Advisory: ENGL-85.  
This course surveys the historical development of California from pre-Columbian Indians through Spanish, Mexican, and American rule to the present.  

**MERCED**  
1819 MWF 10:00a-10:50a Lorenz M IAC-146  
1407 MWF 11:00a-11:50a Johl A VOC-9  
1820 MWF 12:00p-12:50p Johl A VOC-8  
1417 MWF 02:00p-02:50p Seymour D IAC-142  
1586 MW 03:30p-04:45p Kocolas T VOC-8  
1091 TTh 09:30a-10:45a Johl A VOC-9  
1414 TTh 11:00a-12:15p Steeley J VOC-8  
6114 MW 05:30p-06:45p Kocolas T VOC-9  
6014 M 07:00p-09:50p Harvey E AHC-129  

**MARIPOSA**  
7805 T 06:30p-09:20p Roberts K MARI-59  

Section 7805 is held at Mariposa High School; 5074 Old Highway North; Mariposa.  

CONTACT: For course-specific questions contact the professor of the class steeley.j@mccd.edu. For technology problems contact Help Desk at www.mccd.edu/myhelp or (209) 381-6565.

COMMENTS: Students need to log in within the first two days of class.

CONTACT: For course-specific questions contact the professor of the class steleuyj@mccd.edu. For technology problems contact Help Desk at www.mccd.edu/myhelp or (209) 381-6565.

COMMENTS: Students need to log in within the first two days of class.

CONTACT: For course-specific questions contact the professor of the class steleuyj@mccd.edu. For technology problems contact Help Desk at www.mccd.edu/myhelp or (209) 381-6565.

COMMENTS: Students need to log in within the first two days of class.
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<th>Units</th>
<th>Days/Time</th>
<th>Instructor</th>
<th>Location</th>
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<td>HUMG-01</td>
<td>ELEMENTARY HUMG I (CSU breadth area C2) (IGETC area 6)</td>
<td>5</td>
<td>MW 05:30p-07:45p</td>
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<td>HUMG-02</td>
<td>ELEMENTARY HUMG II (CSU breadth area C2) (IGETC area 3B/6)</td>
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<td>MW 05:30p-07:45p</td>
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<td>IAC-108</td>
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<td>HUM-02H</td>
<td>HONORS STUDIES IN HUMANITIES -- RENAISSANCE TO PRESENT (CSU breadth area C2)</td>
<td>3</td>
<td>MW 02:00p-03:15p</td>
<td>Kahlert S</td>
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<td>HUM-15</td>
<td>COMPARATIVE CULTURES (CSU breadth area C2/D3) (IGETC area 3B/4C)</td>
<td>3</td>
<td>MW 02:00p-03:15p</td>
<td>Kahlert S</td>
<td>IAC-123</td>
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<tr>
<td>HUMS-50</td>
<td>SURVEY AND UTILIZATION OF COMMUNITY RESOURCES</td>
<td>3</td>
<td>MW 01:00p-02:25p</td>
<td>Vangay J</td>
<td>IAC-106</td>
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<tr>
<td>HUMS-51</td>
<td>HUMAN BEHAVIOR AND THE HELPING PROCESS</td>
<td>3</td>
<td>MW 02:00p-03:50p</td>
<td>Hallman M</td>
<td>IAC-106</td>
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<tr>
<td>HUMS-56F</td>
<td>ELECTRICAL WIRING: RESIDENTIAL AND INDUSTRIAL</td>
<td>3</td>
<td>MW 12:00p-12:50p</td>
<td>Daughdrill J</td>
<td>VOC-139</td>
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<td>INDT-25</td>
<td>FLUID POWER</td>
<td>3</td>
<td>MW 01:00p-03:15p</td>
<td>Nagano J</td>
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<tr>
<td>INDT-41</td>
<td>POWER TRANSMISSION</td>
<td>3</td>
<td>MW 08:00a-10:50a</td>
<td>Allen J</td>
<td>IT-1</td>
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<tr>
<td>INDT-50</td>
<td>HVAC -- HEATING AND CONTROL SYSTEMS</td>
<td>6</td>
<td>MW 05:10p-10:00p</td>
<td>Nagano J</td>
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**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.

**HUM-15 COMPARATIVE CULTURES (CSU breadth area C2/D3) (IGETC area 3B/4C)**
- 3 units: 3 hours lecture.
- Prerequisite: ENGL-01A.
- The course surveys the historical development and social structures of several different cultures in the United States.

**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 philosophical, literary, and/or artistic themes.

**HUM-15 COMPARATIVE CULTURES (CSU breadth area C2/D3) (IGETC area 3B/4C)**
- 3 units: 2 hours lecture, 3 hours lab.
- Prerequisite: ENGL-01A.
- This course surveys the historical development and social structures of several different cultures in the United States.

**HUM-02H HONORS STUDIES IN HUMANITIES -- RENAISSANCE TO PRESENT**
- 3 units: 3 hours lecture.
- Limitation on enrollment: Enrollment in the Honors Program. See the college catalog for a description of enrollment requirements.
- The principal aim of this course is to examine human existence and cultural endeavors from the Renaissance to the present.
The course prepares students for EPA certification in refrigerant handling. The Clean Air Act and Montreal protocol will be discussed. Types I, II, and III certification test requirements will be discussed.

**MERCED**

9061  T  08:00a-09:50a  Nagano J  IT-1

Session 9061 is held from 01/14/14 to 03/11/14.

### JAPANESE (JPNS)

**JPNS-01A ELEMENTARY JAPANESE**

(CSU breadth area C2)

2.5 units: 2.5 hours lecture.

Advisory: ENGL-84.

This course will focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency.

**MERCED**

1501  Th  03:45p-06:00p  Ishikida M  IAC-121

### KINESIOLOGY (KINE)

**KINE-01 INTRODUCTION TO KINESIOLOGY**

(C-ID KIN 100)

3 units: 3 hours lecture.

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

This course is an introduction to the interdisciplinary approach to the study of human movement.

**MERCED**

1401  MWF  08:00a-08:50a  McCall S  IAC-109

**KINE-02 FIRST AID AND CPR FOR THE PROFESSIONAL RESCUEUR**

(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.

**MERCED**

1398  TTh  11:00a-12:15p  McCall S  AG-10

**KINE-22A BEGINNING SWIMMING**

1 unit: 1 hour lecture, 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-11:05a  McCall S  POOL

Section 9128 is held from 03/18/14 to 05/23/14.

**KINE-22B INTERMEDIATE SWIMMING**

1 unit: 1 hour lecture, 3 hours lab.

Prerequisite: KINE-22A or PHED-13A.

This course is designed for the intermediate swimmer. Emphasis is placed on refinement 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  MW  11:00a-11:50a  Sema R  POOL

Section 1639 Lab requires pool participation.

**KINE-22C ADVANCED SWIMMING**

1 unit: .50 hour lecture, 1.5 hours lab.

Prerequisite: KINE-22B.

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-11:50a  Halpin B  POOL

### LANDSCAPE HORTICULTURE (LAND)

**LAND-10B PLANT IDENTIFICATION AND USAGE: SPRING**

3 units: 2 hours lecture, 3 hours lab.

Advisory: ENGL-85.

This course covers the identification, growth habits, culture and ornamental use of landscape and indoor plants adapted to climates of California.

**MERCED**

1805  M  02:00p-04:50p  Tassey B  PS-1

& W  02:00p-03:50p  Tassey B  PS-1

**LAND-17 NURSERY AND GARDEN CENTER PRACTICE**

3 units: 2 hours lecture, 3 hours lab.

Advisories: ENGL-85; MATH-80.

This course is a study of commercial retail nursery and garden center operations dealing with wholesale and retail nursery practices, including plant care, merchandising, and management practices.

**MERCED**

1005  MW  10:30a-12:45p  Tassey B  PS-1

### LEARNING RESOURCES (LRNR)

**LRNR-30 INFORMATION COMPETENCY IN THE ELECTRONIC AGE**

[CILC areas A,B,C,D,E,F,G]

3 units: 3 hours lecture.

Prerequisite: ENGL-85. Advisories: AOM-50B, keyboard at a minimum rate of 25 wpm at 95% accuracy.

This course is designed to introduce students to library research and resources including information retrieval tools.

**MERCED**

1061  TTh  03:30p-04:45p  Ryan A  VOC-113

1587  MW  03:30p-04:45p  Ryan A  VOC-113

### LIBERAL STUDIES (LBST)

**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.

**MERCED**

6250  W  05:30p-07:20p  Acheson D  VOC-110

Section 6250 requires 3 additional hours lab time per week.

Section 6250 requires a mandatory orientation - January 15th, 2014; 05:30-07:20p: VOC-110. Students are required to purchase a Liberal Studies Handbook.

### MANAGEMENT (MGMT)

**MGMT-31 PRINCIPLES OF MANAGEMENT**

3 units: 3 hours lecture.

Advisory: ENGL-85.

This introductory management course gives an overview of the management function and its role in organizations. It is designed to provide the fundamentals of management theories.

**MERCED**

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

**MGMT-33 ELEMENTS OF EFFECTIVE LEADERSHIP**

3 units: 3 hours lecture.

Advisory: CPSC-30; ENGL-85.

This course deals primarily with the techniques of leadership in organizational settings.

**MERCED**

1969  MW  11:00a-12:15p  Casey R  VOC-37
THE BRC MANAGEMENT SERIES:

Classes held at the (BRC) Business Resource Center are located at: Merced College - Business Resource Center (BRC); 630 W 19th Street Merced, CA 95348; (209) 386-6732.

1 2 3 4 5 Indicates sequence in which courses should be taken.

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.

MERCED
9700 Th 08:00a-12:15p Pistoresi J BRC-122
Section 9700 is held 01/23/14 and 01/30/14.
9701 Th 01:00p-05:15p Pistoresi J BRC-122
Section 9701 is held 01/23/14 and 01/30/14.

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
9702 Th 08:00a-12:15p Pistoresi J BRC-122
Section 9702 is held 02/20/14 and 02/27/14.
9703 Th 01:00p-05:15p Pistoresi J BRC-122
Section 9703 is held 02/20/14 and 02/27/14.

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
9704 Th 08:00a-12:15p Pistoresi J BRC-122
Section 9704 is held 03/20/14 and 03/27/14.
9705 Th 01:00p-05:15p Pistoresi J BRC-122
Section 9705 is held 03/20/14 and 03/27/14.

MGMT-50I ATTITUDE IN THE WORKPLACE
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to provide the student with certain key skills in the area of attitude so that they may effectively maintain a positive attitude at the workplace and at home. Pass/No Pass only.

MERCED
9706 Th 08:00a-12:15p Pistoresi J BRC-122
Section 9706 is held 04/10/14 and 04/17/14.
9707 Th 01:00p-05:15p Pistoresi J BRC-122
Section 9707 is held 04/10/14 and 04/17/14.

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.

MERCED
9708 Th 08:00a-12:15p Pistoresi J BRC-122
Section 9708 is held 05/15/14 and 05/22/14.
9709 Th 01:00p-05:15p Pistoresi J BRC-122
Section 9709 is held 05/15/14 and 05/22/14.

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.

MERCED
9700 Th 08:00a-12:15p Pistoresi J BRC-122
Section 9700 is held 05/15/14 and 05/22/14.
9701 Th 01:00p-05:15p Pistoresi J BRC-122
Section 9701 is held 05/15/14 and 05/22/14.

THE EVENING MANAGEMENT SERIES:

1 2 3 4 5 Indicates sequence in which courses should be taken.

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
9037 T 05:30p-08:20p Pistoresi J AHC-125
Section 9037 is held from 01/14/14 to 02/18/14.

MGMT-50I ATTITUDE IN THE WORKPLACE
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to provide the student with certain key skills in the area of attitude so that they may effectively maintain a positive attitude at the workplace and at home. Pass/No Pass only.

MERCED
9036 T 05:30p-08:20p Pistoresi J AHC-125
Section 9036 is held from 02/04/14 to 02/18/14.

MGMT-50F CONFLICT RESOLUTION
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to introduce participants to the meaning of conflict, the causes of conflict, and strategies for resolving interpersonal conflict as well as dealing with difficult customers. Pass/No Pass only.

MERCED
9038 T 05:30p-08:20p Pistoresi J AHC-125
Section 9038 is held from 02/25/14 to 03/11/14.

MGMT-50G STRESS MANAGEMENT
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to acquaint the participant with key elements of stress management. Pass/No Pass only.

MERCED
9039 T 05:30p-08:20p Pistoresi J AHC-125
Section 9039 is held from 03/18/14 to 04/01/14.

MGMT-50B VALUES AND ETHICS
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
Emphasis will be placed on how values influence actions, evaluating one's ethical behavior, and helping people do the right thing. Pass/No Pass only.

MERCED
9040 T 05:30p-08:20p Pistoresi J AHC-125
Section 9040 is held from 04/08/14 to 04/29/14.

MARKETING (MKTG)

MKTG-30 MARKETING
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course provides a broad understanding of the promoting, pricing, and distribution of products and services.

MERCED
1838 TTh 02:00p-03:15p Fritz K VOC-37

MKTG-33 ADVERTISING (ALSO: MDSE-33)
3 units: 3 hours lecture.
Advisory: CPSC-30; ENGL-85; VIRT-52.
This is an introductory course in advertising principles and techniques.

MERCED
6316 M 05:30p-08:20p Kaley J AHC-157
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.

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

MATH-02 PRECALCULUS
(CSU breadth area B4) (IGETC area 2)
4 units: 4 hours lecture.
Limitation on enrollment: This course is not open to students having credit in MATH-25 or MATH-26. Prerequisite: MATH-C. Advisory: ENGL-85.
This course covers the real and complex numbers, functions, trigonometric functions, exponential and inverse functions, composition of functions, theory of equations, systems of equations, matrices, and topics in analytic geometry.

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, or MATH-25 and MATH-26. Advisory: ENGL-85.
This course covers limits, continuity, differentiation and integration of algebraic and trigonometric functions along with their respective applications.

MATH-04B CALCULUS II
4 units: 4 hours lecture.
Prerequisite: MATH-04A or MATH-26. Advisory: ENGL-85.
This course covers the real and complex numbers, functions, trigonometric functions, exponential and inverse functions, composition of functions, theory of equations, systems of equations, matrices, and topics in analytic geometry.

MATH-04C CALCULUS III
(C-ID MATH 213) (CSU breadth area B4) (IGETC area 2)
4 units: 4 hours lecture.
Prerequisite: MATH-04B or MATH-26. Advisory: ENGL-85.
This course covers the real and complex numbers, functions, trigonometric functions, exponential and inverse functions, composition of functions, theory of equations, systems of equations, matrices, and topics in analytic geometry.

MATH-04D CALCULUS IV
4 units: 4 hours lecture.

MATH-02H HONORS PRECALCULUS
(CSU breadth area B4)
4 units: 4 hours lecture.
Limitation on enrollment: Enrollment in the Honors Program; see the college catalog for a description of enrollment requirement. This course is not open to students having credit in MATH-25 or MATH-26. Prerequisite: MATH-C. Advisory: ENGL-85.
This course covers the real and complex numbers, functions, trigonometric functions, exponential and inverse functions, composition of functions, theory of equations, systems of equations, matrices, and topics in analytic geometry.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>MATH-04B</td>
<td>CALCULUS II</td>
<td>4</td>
<td>12:00p-12:50p</td>
<td>Leonard B</td>
<td>SCI-204</td>
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<td></td>
<td>(C-ID MATH 221) (CSU breadth area B4) (IGETC area 2)</td>
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<td>SCI-202</td>
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<td>Prerequisite: MATH-04A. Advisory: ENGL-85. This course is a continuation of MATH-04A, addressing conic sections, transcendental functions, methods of integration, hyperbolic functions, improper integrals, Taylor’s Formula, infinite series, and plane curves and polar coordinates.</td>
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<tr>
<td>MATH-04C</td>
<td>MULTIVARIABLE CALCULUS</td>
<td>4</td>
<td>05:30p-07:20p</td>
<td>Mitchell P</td>
<td>SCI-202</td>
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<td>(CSU breadth area B4) (IGETC area 2)</td>
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<td>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.</td>
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<tr>
<td>MATH-06</td>
<td>ELEMENTARY DIFFERENTIAL EQUATIONS</td>
<td>3</td>
<td>07:45a-08:50a</td>
<td>Power D</td>
<td>VOC-112</td>
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<td>(C-ID MATH 240) (CSU breadth area B4) (IGETC area 2)</td>
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<td>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.</td>
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<tr>
<td>MATH-10</td>
<td>ELEMENTARY STATISTICS</td>
<td>3</td>
<td>11:00a-11:50a</td>
<td>Kehoe J</td>
<td>SCI-203</td>
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<td>(CSU breadth area B4) (IGETC area 2)</td>
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<td>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.</td>
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<tr>
<td>MATH-15</td>
<td>FINITE MATHEMATICS</td>
<td>3</td>
<td>08:00a-08:50a</td>
<td>Clark J</td>
<td>SCI-204</td>
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<td>(CSU breadth area B4) (IGETC area 2)</td>
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<td>SCI-204</td>
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<td></td>
<td>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.</td>
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<td>SCI-204</td>
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<tr>
<td>MATH-20A</td>
<td>BASIC STRUCTURE OF MATHEMATICS I</td>
<td>3</td>
<td>11:00a-12:15p</td>
<td>Montoya J</td>
<td>VOC-112</td>
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<td>(CSU breadth area B4)</td>
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<td>SCI-204</td>
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<td></td>
<td>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.</td>
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<td>MATH-20B</td>
<td>BASIC STRUCTURE OF MATH II</td>
<td>3</td>
<td>05:30p-06:45p</td>
<td>Sullivan J</td>
<td>VOC-112</td>
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<td>(CSU breadth area B4)</td>
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<td>SCI-204</td>
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<td>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.</td>
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<tr>
<td>MATH-25</td>
<td>TRIGONOMETRY</td>
<td>3</td>
<td>07:00p-08:15p</td>
<td>Meidinger M</td>
<td>SCI-202</td>
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<td>SCI-203</td>
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<td>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, trigonometric equations, right angle trigonometry, the laws of sines and cosines, and application of polar and rectangular forms, including vectors and complex numbers.</td>
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<tr>
<td>MATH-26</td>
<td>COLLEGE ALGEBRA</td>
<td>3</td>
<td>09:00a-09:50a</td>
<td>Retemeyer J</td>
<td>SCI-204</td>
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<td>(CSU breadth area B4)</td>
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<td>SCI-204</td>
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<td>Prerequisite: MATH-C. Advisory: ENGL-85. This course is designed to complete the first course of a two-course sequence of algebra including the study of real numbers, polynomials, equations and inequalities, factoring, rational expressions, exponents, roots, radicals, systems of equations, functions (including logarithmic and exponential) sequences and series, progressions and the binomial expansion.</td>
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<tr>
<td>MATH-20G</td>
<td>PREALGEBRA</td>
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<td>07:00p-08:50p</td>
<td>German N</td>
<td>SCI-203</td>
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<td>4 units: 4 hours lecture.</td>
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<td>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.</td>
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<td>SCI-203</td>
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</tbody>
</table>
1536 TTh 09:00a-09:50a Rieg K SCI-120
1527 MTWTh 10:00a-10:50a Montoya J SCI-112
1202 MTWTh 02:00p-02:50p Rieg K SCI-112
1532 MTWTh 03:00p-03:50p Rivero J IAC-144
1434 MTWF 01:00p-01:50p Staff VOC-112
6289 TTh 07:30p-09:20p Rivero J SCI-202
9017 MTWTh 10:00a-11:50a Retemeyer J SCI-207

Section 9017 is held from 01/13/14 to 03/13/14.

Los Baños

4602 MW 02:00p-03:50p Schlinger C LB-B-111
4604 TTh 12:00p-01:50p Sutterfield M LB-B-111
8606 TTh 07:00p-08:50p Kaur S LB-B-134

MATH-91 FOUNDATIONALS OF DECIMALS AND FRACTIONS
3 units: 3 hours lecture.
Prerequisite: MATH-90. Advisory: ENGL-90.
This course begins with a short review of the whole number system, including counting, notation, word names, and the number line. Particular emphasis is placed on the basic computational skills: addition, subtraction, multiplication, division.

MERCED

1539 MWF 09:00a-09:50a Bell S SCI-203
1538 MWF 01:00p-01:50p Linebaugh B SCI-202
6443 TTh 07:00p-08:15p Heng L SCI-208
9130 MWF 10:00a-11:50a Linebaugh B SCI-204

Section 9130 is held from 01/13/14 to 03/14/14.

Los Baños

4600 MW 11:00a-12:15p Albertson I LB-B-135

MATH-85 CAREER TECHNICAL EDUCATION MATH
3 units: 2 hours lecture, 3 hours lab.
Advisory: MATH-91.
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

6445 MW 05:00p-05:50p Meidinger S AG-10
6446 MW 06:00p-07:15p Meidinger S SCI-207

Online/Hybrid Classes. See page 56 for details.
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.

MECHED
6057 M 05:10p-10:00p Fishman D MA-1

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.

MECHED
1206 F 08:00a-12:50p Dunn P MA-1

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.

MECHED
9176 MTWTh 12:30p-04:20p Dunn P MA-1
Section 9176 is held from 02/18/14 to 03/19/14. TAACCT Grant Class Instructor signature required.

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.

MECHED
9172 MTWTh 08:00a-11:50a Fishman D MA-1
Section 9172 is held from 01/13/14 to 03/18/14. TAACCT Grant Class Instructor signature required.

MECH-27 APPLIED DIESEL TECHNICAL SKILLS
2 units: 1 hour 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.

MECHED
9173 MTWTh 08:00a-12:15p Fishman D MA-1
Section 9173 is held from 03/19/14 to 04/15/14. TAACCT Grant Class Instructor signature required.

MECH-31 EQUIPMENT SAFETY
1 unit: 1 hour lecture.
Advisories: ENGL-85; MATH-80.
This course is a study of safety on and about farm equipment and machines. The safe operation and daily maintenance of machines commonly used in the daily operation of farming operations will be covered along with hitching, driving, and operational safety skills.

MECHED
9088 F 12:00p-04:15p Fishman D MA-1
Section 9088 is held from 01/17/14 to 02/07/14.

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, hydraulic, and hydraulic systems.

MECHED
9175 MTWTh 12:30p-05:20p Dunn P MA-1
Section 9175 is held from 01/13/14 to 02/12/14. TAACCT Grant Class Instructor signature required.

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.

MECHED
6083 W 05:10p-10:00p Donovan T MA-1

MECH-51 TRUCK BRAKE AND CHASSIS
4 units: 2 hours lecture, 6 hours lab.
Advisories: ENGL-85; MATH-85.
This course is a study of truck and bus mechanics. It includes a study of the running gear, tires, wheels, brakes, electrical systems wiring, services, maintenance, and safety inspection. Troubleshooting and servicing are major portions of this course.

MECHED
6116 TTh 05:30p-09:20p Dunn P MA-1

MERCHANDISING MANAGEMENT (MDSE)

MDSE-33 ADVERTISING (ALSO: MKTG-33)
3 units: 3 hours lecture.
Advisory: CPSC-30; ENGL-85; VIRT-52.
This is an introductory course in advertising principles and techniques.

MECHED
6052 M 05:30p-08:20p Kaley J AHC-157

MUSIC (MUS)

MUS-04A MUSIC THEORY I (DIATONIC HARMONY)
3 units: 3 hours lecture.
Prerequisite: MUS-01.
This course provides a thorough study of diatonic harmony found in music literature of the common practice period.

MECHED
1123 TTh 02:00p-03:15p Doiel M COM-5
This is the third of four sequential music theory courses. This sequence provides a comprehensive study of lower division music theory. Concurrent studies in melodic and rhythmic analysis and composition, harmonic analysis and an analysis of form are included. MUS-04C requires purchasing a print card at a cost of $1.00 per 50 pages. Print cards are available at the campus bookstore or campus student fees office.

**MUS-04C  MUSIC THEORY III**

3 units: 2 hours lecture. Prerequisite: MUS-04B.

**MUS-10  HISTORY OF MUSIC (MEDIEVAL THROUGH BAROQUE)**

3 units: 3 hours lecture. Advisory: ENGL-85.

**MUS-11  HISTORY OF MUSIC (CLASSICAL ERA TO THE PRESENT DAY)**

(CSU breadth area C1) (IGETC area 3A)

3 units: 3 hours lecture. Advisory: ENGL-85.

**MUS-12  HISTORY AND APPRECIATION OF JAZZ**

(CSU breadth area C1) (IGETC area 3A)

3 units: 3 hours lecture. Advisory: ENGL-85.

**MUS-13  HISTORY OF AMERICAN POPULAR MUSIC**

(CSU breadth area C1) (IGETC area 3A)

3 units: 3 hours lecture. Advisory: ENGL-85.

**MUS-14  HISTORY OF AMERICAN POPULAR MUSIC**

(CSU breadth area C1) (IGETC area 3A)

3 units: 3 hours lecture. Advisory: ENGL-85.

**MUS-15  HISTORY AND APPRECIATION OF JAZZ**

(CSU breadth area C1) (IGETC area 3A)

3 units: 3 hours lecture. Advisory: ENGL-85.

**MUS-16  HISTORY OF AMERICAN POPULAR MUSIC**

(CSU breadth area C1) (IGETC area 3A)

3 units: 3 hours lecture. Advisory: ENGL-85.

**MUS-17  HISTORY OF JAZZ**

(CSU breadth area C1) (IGETC area 3A)

3 units: 3 hours lecture. Advisory: ENGL-85.

**MUS-18  HISTORY OF JAZZ**

(CSU breadth area C1) (IGETC area 3A)

3 units: 3 hours lecture. Advisory: ENGL-85.

**MUS-19  HISTORY OF JAZZ**

(CSU breadth area C1) (IGETC area 3A)

3 units: 3 hours lecture. Advisory: ENGL-85.

**MUS-20  HISTORY OF JAZZ**

(CSU breadth area C1) (IGETC area 3A)

3 units: 3 hours lecture. Advisory: ENGL-85.

**MUS-21  HISTORY OF JAZZ**

(CSU breadth area C1) (IGETC area 3A)

3 units: 3 hours lecture. Advisory: ENGL-85.

**MUS-22  HISTORY OF JAZZ**

(CSU breadth area C1) (IGETC area 3A)

3 units: 3 hours lecture. Advisory: ENGL-85.

**MUS-23  HISTORY OF JAZZ**

(CSU breadth area C1) (IGETC area 3A)

3 units: 3 hours lecture. Advisory: ENGL-85.

**MUS-24  APPLIED MUSIC I**

1 unit: 3 hours lab. Limitation on enrollment: Students enrolling in MUS-24 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. Prerequisite/Advisory: None.

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 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.
**MUS-41B CONCERT BAND II**
2 units: 1 hour lecture, 3 hours lab.
Limitation on enrollment: Audition by instructor. Prerequisite: MUS-41A.
This is the second of four sequential courses. It offers additional experience in performing concert and symphonic band literature, as is standard in second semester lower division college performance ensemble classes.

**MERCED**
6304  T  06:00p-09:50p Doiel M  MUS-2
Section 6304 requires students to participate in a public performance and to provide concert performance attire.

**MUS-41C CONCERT BAND III**
2 units: 1 hour lecture, 3 hours lab.
Limitation on enrollment: Audition by instructor. Prerequisite: MUS-41B.
This is the third of four sequential courses. It offers additional experience in performing concert and symphonic band literature, as is standard in third semester lower division college performance ensemble classes.

**MERCED**
6305  T  06:00p-09:50p Doiel M  MUS-2
Section 6305 requires students to participate in a public performance and to provide concert performance attire.

**MUS-41D CONCERT BAND IV**
2 units: 1 hour lecture, 3 hours lab.
Limitation on enrollment: Audition by instructor. Prerequisite: MUS-41C.
This is the forth of four sequential courses. It offers additional experience in performing concert and symphonic band literature, as is standard in forth semester lower division college performance ensemble classes.

**MERCED**
6306  T  06:00p-09:50p Doiel M  MUS-2
Section 6306 requires students to participate in a public performance and to provide concert performance attire.

**MUS-42A JAZZ ENSEMBLE I**
2 units: 1 hour lecture, 3 hours lab.
Limitation on enrollment: Audition by instructor; student must be able to sight read on their instruments and have some ensemble experience.
This course is the first of four sequential courses. This course is a study of jazz music in the big band tradition and modern eras, as is standard in first semester lower division college performance ensemble classes.

**MERCED**
6328  M  06:00p-09:50p Taylor K  MUS-2
Section 6328 requires students to participate in a public performance and to provide concert performance attire.

**MUS-42B JAZZ ENSEMBLE II**
2 units: 1 hour lecture, 3 hours lab.
Prerequisite: MUS-42A.
This course is the second of four sequential courses. This course provides additional study of jazz music in the big band tradition and modern eras, as is standard in second semester lower division college performance ensemble classes.

**MERCED**
6329  M  06:00p-09:50p Taylor K  MUS-2
Section 6329 requires students to participate in a public performance and to provide concert performance attire.

**MUS-42C JAZZ ENSEMBLE III**
2 units: 1 hour lecture, 3 hours lab.
Prerequisite: MUS-42B.
This course is the third of four sequential courses. This course provides additional study of jazz music in the big band tradition and modern eras, as is standard in third semester lower division college performance ensemble classes.

**MERCED**
6330  M  06:00p-09:50p Taylor K  MUS-2
Section 6330 requires students to participate in a public performance and to provide concert performance attire.

**MUS-42D JAZZ ENSEMBLE IV**
2 units: 1 hour lecture, 3 hours lab.
Prerequisite: MUS-42C.
This course is the fourth of four sequential courses. This course is a study of jazz music in the big band tradition and modern eras, as is standard in fourth semester lower division college performance ensemble classes. The course emphasizes individual vocal, sectional, and ensemble instrumental performance.

**MERCED**
6335  M  06:00p-09:50p Taylor K  MUS-2
Section 6335 requires students to participate in a public performance and to provide concert performance attire.

**MUS-43A VOICE I**
3 units: 3 hours lecture.
Limitation on enrollment: Must demonstrate the ability to match pitch; see instructor. Advisory: ENGL-85.
This is a course in elementary voice training. It emphasizes posture, diaphragmatic-intercostal breathing, breath support, breath control, tonal placement, articulation, stage presence, and overcoming performance anxiety.

**MERCED**
1573  TTh  01:00p-02:15p Walsh L  MUS-1

**MUS-43B ADVANCED VOICE**
3 units: 3 hours lecture.
Prerequisite: MUS-43A. Advisory: ENGL-84.
This is a course for those singers who desire more advanced vocal training. In-depth study, discussion, and personal application of vocal technique such as diaphragmatic-intercostal breathing, breath support and control, correct tonal placement and articulation is a regular part of class activities.

**MERCED**
1638  TTh  09:30a-10:45a Nelson C  MUS-1

**MUS-44 CHORALE**
2 units: 1 hour lecture, 3 hours lab.
Limitation on enrollment: Audition by instructor.
This course specializes in the study and performance of choral literature chosen from all major eras and genres of choral writing. The Chamber Singers perform several times throughout the year. This course may be repeated three times.

**MERCED**
1909  MW  10:00a-11:50a Nelson C  MUS-1
Section 1909 requires students to participate in a public performance and to provide concert performance attire.

**REGISTERED NURSING (REGN)**

**REGN-01 TRANSITION LVN TO RN**
2 units: 1 hour lecture, 3 hours lab.
Limitation on enrollment: California VN license . Prerequisites: BIOL 16; BIOL-20; CHEM-02A; ENGL-01A; BIOL-18. One-way corequisite: CLDV-09/PSYC-09
The series of lectures and discussions will provide concepts and principles necessary to facilitate transition of the LVN to the changing role of the registered nurse.

**MERCED**
9025  WTh  01:00p-04:50p Cazares K  AHC-157
Section 9025 is held from 03/19/14 to 05/22/14.

**REGN-02 CLINICAL SKILLS TRANSITION - LVN TO RN**
1 unit: 3 hours lab.
Limitation on enrollment: California VN license, enrolled in REGN Program 3rd semester. Prerequisites: REGN-01. One-way corequisite: REGN-35.
This course consists of practice in the clinical setting with skills and principles necessary to facilitate transition of the LVN to the changing role of the registered nurse.

**MERCED**

9024 54 hours by arrangement Provencio G  HOSP Section 9024 is held on December 30, 31, 2013, January 2, 3, 4, 7, 8, 2014 and includes a 30 minute lunch.

**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**

1847 WTh 08:00a-09:50a Schindler W  AHC-124 plus 270 hours by arr Schindler W  HOSP Section 1847 requires a $77.67 material fee (RN Kit).

**REGN-18 PHARMACOLOGY IN NURSING PRACTICE**

3 units: 3 hours lecture. Limitation on enrollment: Enrollment in the REGN Program. Two-way corequisite: REGN-15. Advisory: VCN-46A. Registered Nursing 18, Pharmacology in Nursing Practice, presents an overview of the basic principles of pharmacology including major drug classifications and prototypes. 2330 ONLINE Schindler W  CONTACT: wanda.schindler@mccd.edu

**REGN-24 ACUTE MEDICAL/SURGICAL AND NURSING OF THE CHILDBEARING FAMILY**

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

**MERCED**

1807 MW 08:00a-10:15a Cazares K  AHC-123 Section 1807 requires 270 hours by arrangement.

**REGN-35 NURSING IN HEALTH AND ILLNESS III**

9 units: 4 hours lecture, 15 hours lab. Limitation on enrollment: 1) Enrollment in the REGN program 3rd semester, 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, and 8) proof of current malpractice insurance. Prerequisites: CLDV-09/PYSC-09, REGN-25 or REGN-01. One-way corequisite: REGN-38. Two-way corequisite: REGN-36, REGN-37. This course enlarges upon the concepts presented in REGN-15 and REGN-25 by introducing principles of care to maintain and/or restore homeostatic mechanisms in acute health problems.

**MERCED**

1179 MTh 08:00a-09:50a Provencio G  AHC-128 270 hours by arrangement Provencio G  HOSP

**REGN-36 PHARMACOLOGY III**

1 unit: 1 hour lecture. Limitation on enrollment: Enrollment in the REGN program 3RD semester. Prerequisite: REGN-26. Two-way corequisite: REGN-35. This course presents ongoing concepts of pharmacology compatible with respiratory, cardiovascular, cancer, DMARDs and immunosuppressant therapies for adults and children. 2339 ONLINE Provencio G  CONTACT: provencio.g@mccd.edu

**REGN-37 NURSING SKILLS SIMULATION III**

1 unit: 3 hours lab. Limitation on enrollment: Enrollment in the REGN program 3rd semester. Prerequisite: REGN-27. Two-way corequisite: REGN-35. This course presents demonstration of higher-level nursing concepts related to second-year nursing courses.

**MERCED**

1806 M 01:00p-03:50p Provencio G  AHC-140

**REGN-38 PROFESSIONAL RELATIONSHIPS AND RESPONSIBILITIES I**

1 unit: 1 hour lecture. Limitation on enrollment: Enrollment in the REGN program 3rd semester. One-way corequisite: REGN-35. The course introduces the student to the professional role of the registered nurse: its status, its responsibilities, and inherent problems as influenced by historical and social change.

**MERCED**

1186 WTh 10:00a-11:50a Grise R  AHC-125 270 hours by arrangement Grise R  HOSP

**REGN-45 NURSING IN HEALTH AND ILLNESS IV**

9 units: 4 hours lecture, 15 hours lab. Limitation on enrollment: Enrollment in the REGN program 4th semester. Prerequisites: REGN-35. One-way corequisite: REGN-48. Two-way corequisite: REGN-46, REGN-47. This course presents advanced concepts and skills in caring for the client with critical or multiple health problems.

**MERCED**

1186 WTh 10:00a-11:50a Grise R  AHC-125 270 hours by arrangement Grise R  HOSP

**REGN-46 PHARMACOLOGY IV**

1 unit: 1 hour lecture. Limitation on enrollment: Enrollment in the REGN program 4th semester. Prerequisites: REGN-36. Two-way corequisite: REGN-45. This course presents ongoing concepts of pharmacology for psychiatric (adult/teenagers), shock, cardiac arrhythmias, neurological and neuromuscular, and endocrine conditions. 2341 ONLINE Grise R  CONTACT: grise.rf@mccd.edu

**REGN-47 NURSING SKILLS SIMULATION IV**

1 unit: 3 hours lab. Limitation on enrollment: Enrollment in the REGN program 4th semester. Prerequisite: REGN-37. Two-way corequisite: REGN-45. This course presents instruction and demonstration of higher level nursing concepts related to second-year nursing courses.

**MERCED**

1703 W 02:00p-04:50p Stearns J AHC-131

**REGN-48 PROFESSIONAL RELATIONSHIPS AND RESPONSIBILITIES II**

1 unit: 1 hour lecture. Limitation on enrollment: Enrollment in the REGN program 4th semester. Prerequisite: REGN-38. One-way corequisite: REGN-45. This course is an introduction to leadership and management principles applied to the health care field.

**MERCED**

9044 Th 08:00a-09:50a Grise R  AHC-125 Section 9044 is held from 01/16/14 to 03/13/14.
VOCATIONAL NURSING (VOCN)

VOCN-44 PRINCIPLES AND PRACTICES OF NURSING CARE II
14 units: 8 hours lecture, 18 hours 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.

MERCE D
1204 TW 08:00a-11:50a Sparks R AHC-130
& T 12:30p-03:20p Sparks R AHC-140
Section 1204 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.

MERCE D
9045 F 08:00a-09:50a Sparks R AHC-130
Section 9045 is held from 01/17/14 to 03/14/14.
9112 F 08:00a-09:50a Sparks R AHC-130
Section 9112 is held from 03/21/14 to 05/16/14.
No classes on April 18, 25, 2014.

VOCN-47C NURSING GUIDANCE III
1 unit: 1 hour lecture.
Limitation on enrollment: Enrollment in the Vocational Nursing program. Prerequisite: VOCN-42. Two-way corequisite: VOCN-44.
This course examines current and evolving patterns of mental health care and the shifts from inpatient custodial care to community-based treatment for the mentally ill.

MERCE D
1265 W 12:00p-12:50p Col-Hamm C AHC-130

NUTRITION (NUTR)

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

ONLINE Pecchenino M
CONTACT: For course-specific questions contact the professor of the class pecchenino.m@mccd.edu. For technology problems contact help desk at www.mccd.edu/myhelp/ or (209) 381-6565.
ORIENTATION: MANDATORY-January 15, 2014; 05:00p-05:50p; COM-2.

NUTR-45 INTRODUCTION TO THERAPEUTIC DIETS
2 units: 2 hours lecture.
Prerequisite: NUTR-10. This course is designed to acquaint students with therapeutic and modified diets used in health care facilities.

MERCE D
1086 T 02:00p-03:50p Cronk L VOC-38

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. Advertisies: ENGL-01A. This course introduces perennial questions in philosophy.

MERCE D
1659 MWF 10:00a-10:50a Hallman M VOC-8
1660 TTh 11:00a-12:15p Hallman M IAC-109
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<th>Course Code</th>
<th>Title</th>
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<tr>
<td>PHIL-04</td>
<td>MODERN PHILOSOPHY</td>
<td>LC-Learning</td>
<td>08:00a-09:15a</td>
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<td>CONTEMPORARY MORAL AND SOCIAL ISSUES</td>
<td>LC-Learning</td>
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<td>BASIC PHOTOGRAPHY</td>
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<td>INTERMEDIATE PHOTOGRAPHY</td>
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**PHIL-04 MODERN PHILOSOPHY**

This course presents an introduction to the history of philosophy from the Renaissance to the present, with emphasis on Descartes through Kant.

**PHIL-05 CONTEMPORARY MORAL AND SOCIAL ISSUES**

This course is concerned with the philosophical examination of moral and social issues, such as capital punishment, abortion, war, animal rights, and economic justice.

**PHIL-10 CRITICAL THINKING**

This course presents a study of correct reasoning, concentrating on this course is to develop the abilities to analyze, to criticize, and to reach reasoned conclusions.

**PHIL-12 LOGIC**

This course presents a study of correct reasoning, concentrating on developing the skills for distinguishing logically correct from logically incorrect arguments.

**PHIL-13 CRITICAL REASONING AND WRITING (ALSO: ENGL-13H)**

This course offers instruction in argumentative and critical writing, critical thinking, research strategies, information literacy, and proper documentation.

**PHOT-10A BASIC PHOTOGRAPHY**

This is an elementary course covering camera and darkroom techniques of black and white photography.

**PHOT-10B INTERMEDIATE PHOTOGRAPHY**

This is a course dealing with the practical application of the basic principles of photography, emphasizing technical and artistic control and the perfection of processing, and composition. The course also provides a broad introduction to studio lighting.

**PHOT-11A DIGITAL CAMERA BASICS**

This course introduces students to the creative use of digital cameras through lectures, hands-on experience and computer use.
PHED-01 INTERCOLLEGIATE ATHLETICS
3 units; 10 hours lab.
Limitation on enrollment: This is a varsity team sport requiring coach's or academic athletic advisor's approval. Advisory: ATHL-03
This is a course teaching theory, practice, and game performance of the designated competitive sport. This course may be repeated three times.

Track and Field (Men/Women)

MERCED
1609 MTWThF 03:00p-04:50p Foy L STAD

PHED-10A AEROBIC CIRCUIT TRAINING
1 unit; 3 hours lab.
Advisory: Good general health; absence of medical conditions that would prevent 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
1517 MW 04:00p-05:15p Kelly P GYM-5
6061 TTh 05:00p-06:15p Kelly P GYM-5

LOS BAÑOS
4657 MW 12:30p-01:45p Mendes D LBPC
Section 4657 is held at Positive Changes; 1005 6th Street, Los Baños.

PHED-10C CIRCUIT WEIGHT TRAINING
0.5 - 1 unit; 1.5 - 3 hours lab.
Advisory: Good general health; absence of medical conditions that would prevent physical activity.
This is a fitness class requiring three workouts per week.

MERCED
1520 MWF 09:00a-09:50a Huddleston A GYM-5
1521 MWF 10:00a-10:50a Botsford S GYM-5
1522 MW 12:00p-12:50p Botsford S GYM-5
1523 MW 01:00p-01:50p Cruz O GYM-5
1524 MW 02:00p-02:50p Casey J GYM-5
1519 MW 03:00p-03:50p Kelly P GYM-5
1518 TTh 08:00a-09:15a Huddleston A GYM-5
1525 TTh 11:00a-12:15p Serna R GYM-5
1431 TTh 12:30p-01:45p Kelly P GYM-5
1470 TTh 02:00p-03:15p Cruz O GYM-5
1471 TTh 03:30p-04:45p Kelly P GYM-5
6080 MW 05:30p-06:45p Cardoza D GYM-5
6078 MW 07:00p-08:15p Edmiston C GYM-5
6079 TTh 06:30p-07:45p Edmiston C GYM-5
9120 TTh 07:50p-09:05p Edmiston C GYM-5
Section 9120 is held from 03/18/14 to 05/23/14.

PHED-10D WEIGHT TRAINING
0.5 - 1 unit; 1.5 - 3 hours lab.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.
This is an open-laboratory experience for those who desire an individualized strength program using a combination of exercise machines and free weights.

MERCED
1978 MWF 08:00a-08:50a Huddleston A FHA
1980 MWF 09:00a-09:50a Cardoza D FHA
1071 MW 10:00a-10:50a Russell W FHA
1081 MW 11:00a-11:50a Devine N FHA
1085 MW 12:00p-12:50p Cardoza D FHA
1955 MW 01:00p-01:50p Cardoza D FHA
1996 MW 02:00p-02:50p Cruz O FHA
1986 MW 03:00p-03:50p Casey R FHA
1971 TTh 08:00a-09:15a Cardoza D 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 Severo S FHA
1995 TTh 02:00p-03:15p Kelly P FHA
9121 TTh 03:30p-04:45p Edmiston C FHA
Section 9121 is held from 03/18/14 to 05/23/14.

LOS BAÑOS
8656 TTh 06:00p-07:15p Toscano D LBHS
Section 8656 is held at Los Baños High School; 1966 11th St, Room 502, Los Baños.

PHED-10F FLEXIBILITY AND CARDIOVASCULAR FITNESS
2 units; 6 hours lab.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.
Practical applications of all aspects of flexibility and cardiovascular conditioning are presented and performed.

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 BAÑOS
4659 TTh 08:00a-09:15a Gomes A LB-A-103
Section 4659 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 Baños.

PHED-12B BASKETBALL
1 unit; 3 hours lab.
Prerequisite/Advisory: None.
This course offers the 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
1635 MWF 09:00a-09:50a Russell W GYM-1
9127 MWF 12:00p-01:50p Huddleston A GYM-1
Section 9127 is held from 03/18/14 to 05/23/14.
9126 MTW 02:00p-03:50p Russell W GYM-1
Section 9126 is held from 03/18/14 to 05/23/14.

PHED-12C FOOTBALL
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.

MERCED
1836 TTh 03:30p-04:45p Casey R FBPF

PHED-12E VOLLEYBALL
1 unit; 3 hours lab.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.
The course begins with basic skills and court positions necessary to progressing to playing multiple offenses.
PHED-15  ADAPTED PHYSICAL EDUCATION
1 unit: 3 hours lab.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity. Advise that student provide medical verification of disability and recommendation of medical intervention.
Adapted Physical Education provides individual instruction for the physically disabled student or other students requiring individual approaches to health-related fitness activities.

MERCEDE
1646  TTh  09:30a-10:45a  Huddleston A  GYM-5

PHED-36B  THEORY AND ANALYSIS OF BASKETBALL
1 unit: 1 hour lecture.
Advisory: ENGL-85.
This course presents the fundamental knowledge of basketball through techniques of lecture, discussions, and video analysis.

MERCEDE
9133  TTh  05:30p-06:20p  Russell W  GYM-1
Section 9133 is held from 01/13/14 to 03/15/14.

PHED-70L6  SPECIAL TOPICS IN PHYSICAL EDUCATION LAB
1 unit: 3 hours lab.
Prerequisite/Advisory: None.
This is a course teaching a variety of special topics in physical education which have current interest to students.

MERCEDE
1651  MWF  02:00p-02:50p  Casey R  FHA
1737  MWF  12:00p-12:50p  Huddleston A  GYM-1
6176  MWF  05:00p-05:50p  Russell W  GYM-1

PHED-90  ADAPTIVE PE
1 unit: 3 hours lab.
Prerequisite/Advisory: None.
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 create more physical independence for the student.

MERCEDE
1653  TTh  09:30a-10:45a  Huddleston A  GYM-5

PHYSICAL SCIENCE (PHSC)

PHSC-01  INTRODUCTION TO PHYSICAL AND EARTH SCIENCE
(CSUbreadth area A1)  (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.

MERCEDE
1683  MWF  08:00a-08:50a  Davies R  SCI-208
1684  MWF  12:00p-12:50p  Staff  VOC-140
1812  TTh  12:30p-01:45p  Davies R  SCI-208
6349  W  07:00p-09:50p  Burgess L  SCI-208

LOS BAÑOS
4672  TTh  04:00p-05:15p  Staff  LB-B-106

PHSC-01L  INTRODUCTION TO PHYSICAL AND EARTH SCIENCE LABORATORY
(CSU breadth areas B1/B3)  (IGETC area 5C)
1 unit: 3 hours lab.
One-way corequisite: PHSC-01. Advisories: ENGL-85; MATH-81
This introductory laboratory is designed to provide hands-on exploration in parallel with topics covered in the lecture course, PHSC-01.

MERCEDE
1030  W  11:00a-01:50p  Davies R  SCI-105
1951  Th  08:00a-10:50a  Staff  SCI-105

PHYSICS (PHYS)

PHYS-02A  GENERAL PHYSICS I
(CSU breadth area B1/B3)  (IGETC area 5A/5C)
4 units: 3 hours lecture, 3 hours lab.
Prerequisite: MATH-02, or MATH-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.

MERCEDE
6350  TTh  05:30p-06:45p  Pourtarvirdi Z  SCI-202
& T  07:00p-09:50p  Pourtarvirdi Z  SCI-106

PHYS-02B  GENERAL PHYSICS II
(CSU breadth area B1/B3)  (IGETC area 5A/5C)
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.

MERCEDE
1954  MWF  12:00p-12:50p  Pourtarvirdi Z  SCI-106
& T  02:00p-04:50p  Pourtarvirdi Z  SCI-106

PHYS-04A  PHYSICS I
(C-ID PHYS 205)  (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.

MERCEDE
1688  MWF  01:00p-01:50p  Jordan L  VOC-140
& T  02:00p-04:50p  Jordan L  SCI-106
1689  MWF  01:00p-01:50p  Jordan L  VOC-140
& Th  08:00a-10:50a  Jordan L  SCI-106
1369  MWF  01:00p-01:50p  Jordan L  VOC-140
& F  02:00p-04:50p  Jordan L  SCI-106

PHYS-04B  PHYSICS II
(C-ID PHYS 210)  (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.

MERCEDE
1046  TTh  11:00a-12:15p  Jordan L  VOC-140
& M  02:00p-04:50p  Jordan L  SCI-106
1533  TTh  11:00a-12:15p  Jordan L  VOC-140
& Th  02:00p-04:50p  Jordan L  SCI-106

PHYS-04C  PHYSICS III
(CSU breadth area B1/B3)  (IGETC area 5A/5C)
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.

MERCEDE
1691  MWF  10:00a-10:50a  Jordan L  SCI-206
& T  08:00a-10:50a  Jordan L  SCI-106
Section 1691 requires two field trips with no associated cost to the student.
**PLANT SCIENCE (PLSC)**

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<td>ELEMENTS OF PLANT SCIENCE</td>
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**PSYCHOLOGY (PSYC)**

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<td>INTRODUCTION TO PSYCHOLOGICAL METHODS</td>
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### 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.

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<td>2336</td>
<td>ONLINE</td>
<td>Roduner S</td>
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<td>CONTACT: For course-specific questions contact the professor of the class <a href="mailto:roduner.s@mccd.edu">roduner.s@mccd.edu</a>. For technology problems contact help desk at <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or (209) 381-6565.</td>
</tr>
</tbody>
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### PSYC-22 HUMAN SEXUALITY
(C-ID PSY 130) (CSU breadth area D9/E) (IGETC area 4I)
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.

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<td>2362</td>
<td>ONLINE</td>
<td>Williamson L</td>
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<td>CONTACT: For course-specific questions contact the professor of the class <a href="mailto:linda.williamson@mccd.edu">linda.williamson@mccd.edu</a>. For technology problems contact help desk at <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or (209) 381-6565.</td>
</tr>
</tbody>
</table>

### PSYC-23 PERSONAL AND SOCIAL ADJUSTMENT
(CSU breadth area D9/E) (IGETC area 4I)
3 units: 3 hours lecture.
Advisory: ENGL-85.
PSYC-23 is a course which examines personality factors as they relate to problems of growth and adjustment.

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<td>W MF 11:00a-11:50a Gargano G IAC-142</td>
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<td>1707</td>
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<td>MWF 11:00a-11:50a Clifford J AHC-129</td>
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### PSYC-25 INTRODUCTION TO ABNORMAL PSYCHOLOGY
(C-ID PSY 120) (CSU breadth area D9) (IGETC area 4I)
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."

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<td>6252</td>
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### RADIOLOGIC TECHNOLOGY, DIAGNOSTIC (RADT)

#### RADT-16D 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.

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#### RADT-40 RADIOLOGIC SCIENCE I
[CILC Areas A, B]
3 units: 2 hours lecture, 3 hours lab.
Limitation on enrollment: Enrollment in the Diagnostic Radiologic Technology Program. Prerequisite: CHEM-02A; MATH-C.

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<tr>
<td>7124</td>
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<td>54 hours by arrangement Donnelly S HOSP</td>
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### RADIANT 67A ADVANCED RADIOLOGIC PROCEDURES II
2 units: 2 hours lecture. Limitation on enrollment: Enrollment in the Radiography Program. This course covers advanced digital radiography and the basic principles of CT, MRI, and Sonography.

| MERCED | 1738 | W | 08:00a-09:50a | Donnelly S | AHC-148 |

### RADIANT 67B ADVANCED CLINICAL EDUCATION I
[CILC Area B, C, F]
10 units: 540 total hours lab. Limitation on enrollment: Enrollment in the Radiography Program. This course provides clinical experience for application of theoretical principles and concepts covered in previous and current didactic course work.

| MERCED | 7126 | 540 hours by arrangement | Rose K | HOSP |

### READING (READ)

#### READ 80 FOUNDATIONS IN READING II
4 units: 3 hours lecture, 3 hours lab. Prerequisite: ESL-92B or ENGL-90. Advisory: Concurrent enrollment in ENGL-83. This course is designed to improve basic reading skills, primarily comprehension. **READ-80 requires purchasing a print card at a cost of $1.00 per 50 pages. Print cards are available at the campus bookstore or campus student fees office.**

| MERCED | 1025 | MWF | 11:00a-11:50a | Alveraz B | ART-2 |
| MWF | 12:00p-12:50p | Alveraz B | IAC-139 |
| 1006 LC | TTh | 09:30a-10:45a | Huntington P | AHC-123 |
| TTh | 11:00a-12:15p | Huntington P | IAC-139 |
| Section 1006 is a Learning Community with ENGL-83-1293 |
| 1042 | TTh | 11:00a-12:15p | Dent G | IAC-110 |
| TTh | 12:30p-01:45p | Dent G | IAC-139 |
| 1023 | MW | 12:30p-01:45p | Shea Akers S | VOC-111 |
| MW | 02:00p-03:15p | Shea Akers S | IAC-139 |
| 6023 | MW | 05:30p-06:45p | Shea Akers S | VOC-143 |
| MW | 07:00p-08:15p | Shea Akers S | IAC-139 |
| 6086 | MW | 05:30p-06:45p | Goldeen P | IAC-122 |
| MW | 07:00p-08:15p | Goldeen P | IAC-139 |

### LOS BAÑOS

| 4394 | TTh | 08:00a-09:15a | Spevak J | LB-B-136 |
| TTh | 09:30a-10:45a | Spevak J | LB-A-110 |
| 8421 | TTh | 05:30p-06:45p | Cates K | LB-B-135 |
| TTh | 07:00p-08:15p | Cates K | LB-B-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. The course will emphasize the application of reading strategies to improve students’ ability to read effectively at two levels below transfer and advance to English 85, Foundations in Academic Literacy. **READ-81 requires purchasing a print card at a cost of $1.00 per 50 pages. Print cards are available at the campus bookstore or campus student fees office.**

| MERCED | 1019 | MW | 09:30a-10:45a | Taber J | VOC-10 |
| MW | 11:00a-12:15p | Taber J | IAC-139 |
| 1260 | MW | 02:00p-03:15p | Pimentel M | IAC-122 |
| MW | 03:30p-04:45p | Pimentel M | IAC-139 |
| 1479 | MWF | 07:00a-07:50a | Rivero E | VOC-111 |

### 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 | Rafal H | VOC-38 |

#### REAL 43 REAL ESTATE PRACTICES
3 units: 3 hours lecture.

One-way corequisite: REAL-42; Advisories: ENGL-85; MATH-80.

This course is an analysis of problems related to establishing and conducting a real estate business: the real estate office valuations of listings, prospecting, advertising, the selling process, closing the sale, financing real estate, exchanges and specializing brokerage, income properties, management and leasing, taxes and real estate deals, land utilization, and professional and public relations.

| MERCED | 6039 | T | 07:00p-09:50p | Cuadros A | AG-11 |
This course is a practical applied study and analysis of money markets, interest rates, and real estate financing.

**SONOGRAPHY, DIAGNOSTIC MEDICAL (SONO)**

**SONO-43A OB/GYN SONOGRAPHY**

[CSUC breadth area B]

4 units: 3 hours lecture, 3 hours lab.

Limitation on enrollment: Enrollment in the Diagnostic Medical Sonography Program—Abdominal & OB/GYN Track.

This course presents a review of anatomy and physiology of the gravid and nongravid pelvis.

**MERCED**

1849 MW 09:30a-10:45a Zelinsky C AHC-157

& M 11:00a-01:50p Zelinsky C AHC-156

**SONO-43B BEGINNING CLINICAL EXPERIENCE II**

[CSUC 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-43A.

This course provides clinical experience for application of theoretical principles and concepts covered in previous and current didactic course work.

**MERCED**

1330 504 hours by arrangement Zelinsky C HOSP

**SPANISH (SPAN)**

**SPAN-01 ELEMENTARY SPANISH**

[CSUC breadth area C2] (IGETC area 3B/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.

**MERCED**

1766 MWF 12:45p-02:10p Garcia Diaz M IAC-145

1767 MWF 01:00p-02:25p Kreide C IAC-108

1762 DAILY 08:00a-08:50a Colomer-Flores M IAC-108

1769 DAILY 09:00a-09:50a Colomer-Flores M IAC-108

1768 DAILY 12:00p-12:50p Sobalvarro N ART-7

6230 MWTh 05:30p-06:55p Allen M IAC-145

**LOS BAÑOS**

4748 MW 05:30p-07:45p Wynne C LB-B-112

4749 TTh 02:00p-04:15p Cortes S LB-B-112

8748 MW 05:30p-07:45p Wynne C LB-B-112

**SPAN-02 ELEMENTARY SPANISH**

[CSUC breadth area C2] (IGETC area 3B/6)

5 units: 5 hours lecture.

Prerequisite: SPAN-01 or two years of high school Spanish.

**SPAN-02 is the continuation of SPAN-01.**

**MERCED**

1821 TTh 10:00a-11:50a Zelinsky C HOSP

1315 TTh 01:00p-03:15p Kreide C IAC-108

**SPAN-10 SPANISH FOR SPANISH SPEAKERS**

[CSUC breadth area C2] (IGETC area 3B/6)

5 units: 5 hours lecture.

Advisory: ENGL-84 or high school Spanish 2; LRNR-30.

This course will focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency.
SPORTS MEDICINE (SPMD)

SPMD-42 INTRODUCTION TO ATHLETIC TRAINING
3 units: 2 hours lecture, 3 hours lab.
Advisory: ENGL-85.
This is an introductory course in recognition, assessment, management, care, and prevention of injuries occurring in physical activities.

MERCED
1011 TTh 08:00a-09:50a Barber R AHC-124
& Th 08:00a-10:50a Barber R FHA

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.

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.

MERCED
1793 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.

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.

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

TUTORIAL (TUTR)

TUTR-35 TUTORIAL SEMINAR
1 unit: 3 hours lab.
Advisories/prerequisites: none
This course is designed to provide tutors in the Merced College Tutorial program with an opportunity to explore their experiences in the program more fully.

VIRTUAL OFFICE (VIRT)

VIRT-51 SOCIAL INFLUENCE MEDIA
3 units: 3 hours lecture.
Advisories: AOM-50B; CPSC-30.
The student will learn how to use social influence media tools (for example, Twitter®, blogs, facebook® fan pages, YouTube® videos and apply them to a business web site effectively.

MERCED
1577 TTh 09:30a-10:45a Reintke T VOC-114
Section 1577 requires purchasing a print card at a cost of $1.00 per 50 pages. Print cards are available at the campus bookstore or campus student fees office.

VIRT-52 INTRODUCTION TO DESKTOP PUBLISHING
3 units: 3 hours lecture.
Advisories: AOM-50B; CPSC-30.
This course provides the student with proper procedures to create publications suitable for professional purposes, utilizing desktop publishing software for the PC.

MERCED
6125 Th 05:30p-08:20p Blackmore C VOC-115
Section 6125 requires purchasing a print card at a cost of $1.00 per 50 pages. Print cards are available at the campus bookstore or campus student fees office.

VIRT-55 SOCIAL MEDIA STRATEGIST
3 units: 3 hours lecture.
Limitation on enrollment: Limited to available, NISM-certified Social Media Strategist instructor at time of course offering. Prerequisite: AOM-58; VIRT-50, VIRT-51.
This course prepares the student for the role of a Social Media Strategist and for the National Institute for Social Media strategist certification examination.

MERCED
1478 MW 09:30a-10:45a Reintke T VOC-114
Section 1478 requires purchasing a print card at a cost of $1.00 per 50 pages. Print cards are available at the campus bookstore or campus student fees office.

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-204

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-203

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-203
## 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**

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Section 9174 is held from 04/16/14 to 05/22/14.
TAACCCT Grant Class Instructor signature required.

### 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**

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### WELD-40A  INTRODUCTION WELDING DESIGN AND CONSTRUCTION
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: WELD-07. One-way corequisite: MATH-80 or 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**

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Section 9169 is held from 01/13/14 to 01/30/14.
TAACCCT Grant Class Instructor signature required.

### 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**

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Section 9170 is held from 02/03/14 to 02/20/14.
TAACCCT Grant Class Instructor signature required.

### 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**

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</table>

Section 9171 is held from 02/24/14 to 03/12/14.
TAACCCT Grant Class Instructor signature required.
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 Baños students please call (209) 381-6413 for information at the Los Baños 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.
MERCED
1701 TTh 11:00a-12:15p Bultena J VOC-111

HISTORY (HIST)
HIST-17BH HONORS UNITED STATES HISTORY AND CALIFORNIA STATE AND LOCAL GOVERNMENT
(CSU breadth area C2/D6/F1/F2) (IGETC area 3B/4F)
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.
MERCED
1962 TTh 09:30a-10:45a Johl A VOC-9

HUM-02H HONORS PRECALCULUS
(CSU breadth area B4)
4 units: 4 hours lecture.
Limitation on enrollment: Enrollment in the Honors Program; see the college catalog for a description of enrollment requirement. This course is not open to students having credit in MATH-25 or MATH-26.
Prerequisite: ENGL-01A.
This course covers the real and complex numbers, functions, trigonometric functions, exponential and inverse functions, composition of functions, theory of equations, systems of equations, matrices, and topics in analytic geometry.
MERCED
1452 TTh 09:30a-11:20a Meidinger S SCI-204

PHILOSOPHY (PHIL)
PHIL-13H HONORS CRITICAL REASONING AND WRITING (ALSO: ENGL-13H)
(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.
MERCED
1725 TTh 11:00a-12:15p Bultena J VOC-111

HUMANITIES (HUM)
HUM-02H HONORS INTRODUCTION TO PSYCHOLOGY
(C-ID PSY 110) (CSU breadth area D9) (IGETC area 4I)
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. Special emphasis is given to the following topics: schools of psychology, physiological factors, sensation, perception, motivation, learning, thinking, emotion, abnormal behavior, personality, heredity, environment, and social factors.
MERCED
1956 TTh 09:30a-10:45a Murphy J IAC-145
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. You must enroll in person to determine if you are eligible and receive a counselor's signature.

For more information about Learning Communities, contact the instructor of record listed with the class.

### LEARNING COMMUNITY # 1
**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, Greg Soto prior to registration.

Students registering for section 1774 must also register for section 1363.

**GUID-45 PATHWAYS TO TRANSFER**
- 3 units: 3 hours lecture.
- Advisory: ENGL-85
- 1734 TTh 11:00a-12:15p Soto G VOC-139

**ENGL-01A COLLEGE COMPOSITION AND READING**
- (C-ID ENGL 100) (CSU breadth area A2) (IGETC area 1A) [CILC area G]
- 4 units: 4 hours lecture.
- Prerequisite: ENGL-85. Advisory: LRNR-30.
- 1235 MWF 09:15a-10:20a Barba M VOC-110

### LEARNING COMMUNITY # 2

**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.
- 1228 MTWTh 12:00p-12:50p Kahlert S IAC-122

**POSC-01 ESSENTIALS OF AMERICAN POLITICAL SYSTEM**
- (CSU breadth area D8/F2) (IGETC area 4H)
- 3 units: 3 hours lecture.
- Advisory: ENGL-85.
- 1808 MWF 01:00p-01:50p Randall R VOC-8

### LEARNING COMMUNITY # 3

**ENGL-83 FOUNDATIONS IN WRITING II**
- 5 units: 5 hours lecture.
- Prerequisite: ENGL-90 or ESL-92B. Advisory: Concurrent enrollment in READ-80.
- 1293 MWF 09:30a-10:55a Lankford T VOC-143

**READ-80 FOUNDATIONS IN READING II**
- 4 units: 3 hours lecture, 3 hours lab.
- Prerequisite: ESL-92B or ENGL-90. Advisory: Concurrent enrollment in ENGL-83.
- 1006 TTh & TTh 11:00a-12:15p Huntington P IAC-139

### LEARNING COMMUNITY # 4

**ENGL-84 FOUNDATIONS IN WRITING III**
- 5 units: 5 hours lecture.
- Prerequisite: ENGL-83. Advisory: Concurrent enrollment in READ-81.
- 1090 MWF 12:45p-02:10p Lankford T VOC-143

**GUID-85 FIRST YEAR SUCCESS**
- .50 unit .50 hour lecture.
- 9211 F 11:00a-11:50a Smith D VOC-111
- Section 9211 is held from 01/17/14 to 03/14/14.

**READ-81 FOUNDATIONS IN READING III**
- 4 units: 3 hours lecture, 3 hours lab.
- Prerequisite: READ-80. Advisory: Concurrent enrollment in ENGL-84.
- 1034 TTh 12:30p-01:45p Huntington P IAC-110
- & TTh 02:00p-03:15p Huntington P IAC-139
# OFF CAMPUS CLASSES

## DELHI

**ART-06 ART OF THE 20TH CENTURY**

<table>
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<td>M-F</td>
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Section 7729 is held at Delhi High School; Building M, Room 2; 16881 West Schendel Avenue, Delhi.

**BIOL-06 ENVIRONMENTAL SCIENCE**

<table>
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<td>M</td>
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Section 7730 is held at Delhi High School; Building K, Room 1; 16881 West Schendel Avenue, Delhi.

**CPSC-30 COMPUTER APPLICATIONS**

<table>
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Section 7720 is held at Delhi Center of Merced College; 9384 Merced Avenue, Delhi.

**HLTH-10 CONTEMPORARY HEALTH**

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Section 7722 is held at Delhi High School; Building H, Room 1; 16881 West Schendel Avenue, Delhi.

**MATH-C INTERMEDIATE ALGEBRA**

<table>
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<th>Course Code</th>
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<td>MATH-C</td>
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This course covers functions and graphs, solving linear, quadratic, absolute value, piecewise defined, exponential, and logarithmic equations, rational expressions and equations, complex numbers, and conic sections.

## DOS PALOS

**ART-24A DRAWING I**

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This course is an introduction to the principles, theories, and techniques of drawing and composition.

**ART-24B DRAWING II**

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<td>ART-24B</td>
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This course is an intermediate-level study of the theories and practice of drawing as an art form.
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<td>CRIM-02</td>
<td>INTRODUCTION TO CRIMINAL JUSTICE (C-ID AJ 110)</td>
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<td>Reed C</td>
<td>DPHS 7900: 06:00p-08:50p Reed C 1701 E, Blossom St, Room 14, Dos Palos.</td>
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<tr>
<td>ENGL-01A</td>
<td>COLLEGE COMPOSITION AND READING (C-ID ENGL 100)</td>
<td>4</td>
<td>TTh</td>
<td>Brown G</td>
<td>DPHS 7912: 06:00p-07:50p Brown G 1701 E, Blossom St, Room 14, Dos Palos.</td>
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<td>GUID-30</td>
<td>FOUNDATIONS AND STRATEGIES FOR COLLEGE SUCCESS</td>
<td>3</td>
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<td>Zepeda E</td>
<td>LIVN-905: 04:00p-06:50p Zepeda E 1617 Main Street, Livingston.</td>
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<td>HLTH-10</td>
<td>CONTEMPORARY HEALTH</td>
<td>3</td>
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<td>Riley B</td>
<td>LIVN-902: 05:00p-07:50p Riley B 1617 Main Street, Livingston.</td>
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<tr>
<td>PSYC-01A</td>
<td>INTRODUCTION TO PSYCHOLOGY (C-ID THTR 111)</td>
<td>3</td>
<td>W</td>
<td>Salazar R</td>
<td>LIVN-905: 06:00p-08:50p Salazar R 1617 Main Street, Livingston.</td>
</tr>
</tbody>
</table>

**MARIPOSA**

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Hours</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL-06</td>
<td>ENVIRONMENTAL SCIENCE (CSU breadth area B2)</td>
<td>3</td>
<td>W</td>
<td>Menke B</td>
<td>MARI-59: 06:30p-09:20p Menke B 5074 Old Highway North; Mariposa.</td>
</tr>
<tr>
<td>DRAM-01</td>
<td>INTRODUCTION TO THEATER (C-ID THTR 111)</td>
<td>3</td>
<td>Th</td>
<td>Burns T</td>
<td>MARI-8: 06:30p-09:20p Burns T 5171 Silva Road, Mariposa.</td>
</tr>
<tr>
<td>HIST-17B</td>
<td>UNITED STATES HISTORY AND CALIFORNIA STATE AND</td>
<td>3</td>
<td>M</td>
<td>Roberts K</td>
<td>MARI-59: 06:30p-09:20p Roberts K 5074 Old Highway North; Mariposa.</td>
</tr>
<tr>
<td>MUS-01</td>
<td>FUNDAMENTALS OF MUSIC (CSU breadth area C1)</td>
<td>3</td>
<td>W</td>
<td>Fiester R</td>
<td>MARI-9: 06:30p-09:20p Fiester R 5074 Old Highway North; Mariposa.</td>
</tr>
<tr>
<td>PSYC-01A</td>
<td>INTRODUCTION TO PSYCHOLOGY (C-ID THTR 111)</td>
<td>3</td>
<td>M</td>
<td>Hoffart R</td>
<td>MARI-59: 06:30p-09:20p Hoffart R 5074 Old Highway North; Mariposa.</td>
</tr>
</tbody>
</table>

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

This introductory course examines Earth as an ecosystem composed of biological, chemical, and physical processes with emphasis on man's impact on the planet.

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.

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

This introductory course examines Earth as an ecosystem composed of biological, chemical, and physical processes with emphasis on man's impact on the planet.

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.

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.

This course is a study of music fundamentals, including principles and procedures of rhythm and pitch notation, musical symbols, scales, key signatures, intervals, diatonic chords.

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.

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.
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% online. Face-to-face interaction with the professor is not required.

Merced College Internet-based classes give students an opportunity to complete most of the coursework 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/](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**

While there is no specific hardware requirement for taking an online class, students should have a computer and Internet connection capable of viewing web sites with heavy multimedia content such as Facebook or YouTube.

We strongly recommend that students have a broadband Internet connection such as DSL or cable. While most Blackboard features will work with a dial-up connection, the site will run slowly and certain features such as video playback may not work.

Students must have one of the following software combinations:
• Windows XP with Internet Explorer 7, Firefox 3.0 or a more recent browser.
• Windows Vista with Internet Explorer 7, Firefox 3.0 or a more recent browser.
• Windows 7 with Internet Explorer 8, Firefox 3.0 or a more recent browser.
• Mac OS X 10.5 “Leopard” with Firefox 3.0, Safari 3.2 or a more recent browser.
• Mac OS X 10.6 “Snow” with Firefox 3.0, Safari 4.0 or a more recent browser.

Students should also have Java Runtime Environment (JRE) 6 or a more recent version installed.

**Blackboard**

(for logging in to your online classes)

You can access your online courses through Blackboard via the Merced College web portal or by going directly to [http://blackboard.mccd.edu](http://blackboard.mccd.edu).

Your Blackboard username will be the same as your Merced College web portal username. Your password will be your six-digit birth date.

To find your username or reset your password, go to [http://mc4me.mccd.edu](http://mc4me.mccd.edu) and click on “New to the portal?” or “I forgot my password”.

**NEED TECHNICAL ASSISTANCE?**

For technical assistance with Blackboard, the Merced College Portal or WebAdvisor, call the Student Help Desk or visit the website at [http://www.mccd.edu/myhelp](http://www.mccd.edu/myhelp).

**STUDENT HELP DESK**

(209) 381-6565 or myhelp@mccd.edu or www.mccd.edu/myhelp

Hours:
Monday, Tuesday, Wednesday, Thursday: 10:00a-07:00p
Friday: 08:00a-03:00p.
ONLINE AND HYBRID CLASSES

ADMINISTRATIVE OFFICE MANAGEMENT (AOM)

AOM-51 KEYBOARDING/WORD PROCESSING
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: AOM-50B (25 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.

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

AOM-59 MEDICAL CODING & BILLING
3 units: 3 hours lecture.
Advisory: ALLH-67.
This course will enable the student to develop a basic knowledge of the national diagnostic and procedural coding systems and to simplify the process of filing claim forms.

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.

BIOLOGY (BIOL)

BIOL-06 ENVIRONMENTAL SCIENCE
3 units: 3 hours lecture.
This introductory course examines Earth as an ecosystem composed of biological, chemical, and physical processes with emphasis on man's impact on the planet.

BUSINESS (BUS)

BUS-10 INTRODUCTION TO BUSINESS
3 units: 3 hours lecture.
Advisory: CPSC-30; ENGL-85.
This course is an overview of all aspects involved in business.

BUS-35 MONEY MANAGEMENT
3 units: 3 hours lecture.
Advisories: CPSC-30; ENGL-85; MATH-80.
This course offers instruction in principles and practices of business from the consumer's point of view.

CHILD DEVELOPMENT (CLDV)

CLDV-01 CHILD GROWTH AND DEVELOPMENT
(C-ID CDEV 100) (CSU breadth area D7/E) (IGETC area 4G)
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.

CONTACT:
For course-specific questions contact the professor of the class. penney.b@mccd.edu. For technology problems contact the help desk at www.mccd.edu/myhelp/ or (209) 381-6565.
CLDV-02 CHILD, FAMILY AND COMMUNITY
(C-ID CDEV 110) (CSU breadth area D7/E) (IGETC area 4G)
3 units: 3 hours lecture.
Advisory: ENGL-01A.
This course studies the importance of the socialization of children and how society supports and empowers families.

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.

CLDV-05 HEALTH, SAFETY AND NUTRITION
(C-ID ECE 220)
3 units: 3 hours lecture.
Advisory: ENGL-01A.
Introduction to the laws, regulations, standards, policies and procedures and early childhood curriculum related to child health safety and nutrition.

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.

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 from birth to age 6.

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

COMPUTER SCIENCE (CPSC)

CPSC-01 INTRODUCTION TO MANAGEMENT INFORMATION SYSTEMS
[CILC areas A,B,C,D,E,F]
4 units: 3 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-C.
This is an entry-level course for business majors, students majoring in Computer Science or Management Information Systems, or anyone interested in the fundamentals of computer information systems and gaining an understanding of fundamental programming concepts.

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.
This course is intended for students seeking an introduction to application software used in the workplace with emphasis on business situations. This class will use Inventor 2013. Students can register at http://students.autodesk.com and download it free of charge. See website for system requirements.

ECONOMICS (ECON)

ECON-01B INTRODUCTION TO MICROECONOMICS
(CSU breadth area D2) (IGETC area 4B)
3 units: 3 hours lecture.
Advisories: ENGL-85; MATH-81.
ECON-01B 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.

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.
GEOG-01 PHYSICAL GEOGRAPHY
(CSU breadth area B1) (IGETC area 5A)
3 units: 3 hours lecture.
Advisory: ENGL-85.
In this course, the basic physical elements of the world are presented. Topics to be covered include topographic maps, earth-sun relationships, and time. Weather processes and climates are correlated to human needs.

GEOG-02 WORLD GEOGRAPHY
(CSU breadth area D5) (IGETC area E4)
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.

GUIDANCE (GUID)

GUID-30 FOUNDATIONS AND STRATEGIES FOR COLLEGE SUCCESS
(CSU breadth area E)
3 units: 3 hours lecture.
Advisory: ENGL-85; Compose essays at the ENGL-01A entrance level.
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-48 LIFE AND CAREER PLANNING
3 units: 3 hours lecture.
Advisory: ENGL-85.
This is a structured sequential course in life and career planning.

HEALTH (HLTH)

HLTH-10 CONTEMPORARY HEALTH
(CSU breadth area E)
This course surveys the human condition from birth to death. Emphasis is placed on the impact of personal choice throughout life.

CONTACT: steeley.j@mccd.edu. For technology problems contact Help Desk at www.mccd.edu/myhelp or (209) 381-6565.

COMMENTS: Students need to log in within the first two days of class.

HISTORY (HIST)

HIST-17A UNITED STATES HISTORY AND UNITED STATES CONSTITUTION
(CSU breadth area C2/D6/F1/F2) (IGETC area 3B/4F)
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.

CONTACT: For course-specific questions contact the professor of the class steelyj@mccd.edu. For technology problems contact Help Desk at www.mccd.edu/myhelp or (209) 381-6565.

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/D6/F1/F2) (IGETC area 3B/4F)
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.

CONTACT: For course-specific questions contact the professor of the class steelyj@mccd.edu. For technology problems contact Help Desk at www.mccd.edu/myhelp or (209) 381-6565.

COMMENTS: Students need to log in within the first two days of class.

HIST-29 HISTORY OF CALIFORNIA
(CSU breadth area D6)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course surveys the historical development of California from pre-Columbian Indians through Spanish, Mexican, and American rule to the present.

CONTACT: For course-specific questions contact the professor of the class steelyj@mccd.edu. For technology problems contact Help Desk at www.mccd.edu/myhelp or (209) 381-6565.

COMMENTS: Students need to log in within the first two days of class.

Enrolling in a math course on the Merced Campus will automatically enroll you in a math laboratory (EDU-112B-5001). This laboratory is a noncredit course; therefore, there are no fees for this course and attendance is optional.

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

CONTACT: meidinger.s@mccd.edu

MATH-80 PREALGEBRA
4 units: 4 hours lecture.
Prerequisite: MATH-81. 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.

CONTACT: meidinger.s@mccd.edu

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.

CONTACT: meidinger.s@mccd.edu

MATH-91 INTERMEDIATE ALGEBRA
4 units: 4 hours lecture.
Prerequisite: MATH-81. Advisory: ENGL-85.
This course covers exponential and logarithmic expressions, complex numbers, and conic sections.

CONTACT: meidinger.s@mccd.edu

This is an extensive survey course of United States history from the period of exploration to the Reconstruction Period.

CONTACT: For course-specific questions contact the professor of the class steelyj@mccd.edu. For technology problems contact Help Desk at www.mccd.edu/myhelp or (209) 381-6565.

COMMENTS: Students need to log in within the first two days of class.

MATH-92 INTERMEDIATE ALGEBRA
4 units: 4 hours lecture.
Prerequisite: MATH-81. Advisory: ENGL-85.
This course covers exponential and logarithmic expressions, complex numbers, and conic sections.

CONTACT: meidinger.s@mccd.edu

MATH-108 ELEMENTS OF STATISTICS
4 units: 4 hours lecture.
Prerequisite: MATH-81. Advisories: READ-81.
This course covers descriptive and inferential statistics, including data presentation, measures of central tendency and dispersion, frequency distributions, normal distribution, confidence intervals, Student's t distributions, hypothesis testing, and bivariate data and correlation.

CONTACT: meidinger.s@mccd.edu

MATH-109 INTERMEDIATE ALGEBRA II
4 units: 4 hours lecture.
Prerequisite: MATH-81. Advisory: ENGL-85.
This course covers exponential and logarithmic expressions, complex numbers, and conic sections.

CONTACT: meidinger.s@mccd.edu

MATH-110 INTERMEDIATE ALGEBRA II
4 units: 4 hours lecture.
Prerequisite: MATH-81. Advisory: ENGL-85.
This course covers exponential and logarithmic expressions, complex numbers, and conic sections.

CONTACT: meidinger.s@mccd.edu
REGISTERED 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.

REGN-36 PHARMACOLOGY III
1 unit: 1 hour lecture.
This course presents ongoing concepts of pharmacology compatible with respiratory, cardiac/vascular, cancer, DMARDS and immunosuppressant therapies for adults and children.

REGN-46 PHARMACOLOGY IV
1 unit: 1 hour lecture.
This course presents ongoing concepts of pharmacology for psychiatric (adult/teenagers), shock, cardiac arrhythmias, neurological and neuromuscular, and endocrine conditions.

NUTRITION (NUTR)

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

PHYSICAL EDUCATION (PHED)

PHED-10F FLEXIBILITY AND CARDIOVASCULAR FITNESS
2 units: 6 hours lab.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.
Practical applications of all aspects of flexibility and cardiovascular conditioning are presented and performed.

PSYCHOLOGY (PSYC)

PSYC-01A INTRODUCTION TO PSYCHOLOGY
(C-ID PSY 110) (CSU breadth area D9) (IGETC area 4I)
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.

TUTORIAL (TUTR)

TUTR-35 TUTORIAL SEMINAR
1 unit: 3 hours lab.
Advisories/prerequisites: none
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.

MANAGER exam is administered for this course.
SHORT TERM CLASSES

ADMINISTRATIVE OFFICE MANAGEMENT (AOM)

AOM-52A KEYBOARDING SPEED AND ACCURACY
1 unit: 5 hours lecture, 1.5 hours lab.
Advisories: Know the qwerty enhanced keyboard and be able to key at least 20 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
9060 TTh 12:00p-01:50p Blackmore C VOC-114
Section 9060 is held from 01/14/14 to 03/13/14.
Section 9060 requires purchasing a print card at a cost of $1.00 per 50 pages. Print cards are available at the campus bookstore or campus student fees office.

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
9064 T 12:00p-01:50p Carroll C VOC-114
Section 9064 is held from 03/17/14 to 05/23/14.
Section 9064 requires purchasing a print card at a cost of $1.00 per 50 pages. Print cards are available at the campus bookstore or campus student fees office.

ALLIED HEALTH (ALLH)

ALLH-51 EMERGENCY MEDICAL TECHNICIAN I, AMBULANCE
1 unit: 18 total hours lecture, plus 8 hours of field experience.
Limitation on enrollment: Valid California driver’s license; negative TB skin test or negative chest x-ray for TB; a CPR course based on American Red Cross or American Heart Association that includes one- and two-rescuer CPR plus infant CPR. Two-way corequisite: ALLH-50. Advisories: ALLH-67; ENGL-84; First Aid: Be able to perform first aid based on the course offered by the Red Cross or its equivalent a) recognize when emergency has occurred: b) follow emergency action steps in any emergency; c) provide basic care for injury and or sudden illness until the victim can receive professional medical help.
This course provides the ambulance module of the EMT I certification program.

MERCED
9204 SSU 08:00a-05:20p Samra M AHC-125
Section 9204 is held from 04/12/14 to 04/13/14.

ANIMAL SCIENCE (ANSC)

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.

MERCED
9016 Th 01:00p-05:50p Farao J AG-11
Section 9016 is held from 01/16/14 to 03/13/14.

ATHLETICS (ATHL)

ATHL-018 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: PHED-12B.
This course teaches theory, practice and game performance of competitive basketball. This course may be repeated three times.

MERCED
Men’s Basketball
9600 MTWTh 02:00p-04:30p Russell W GYM-1
Section 9600 is held from 01/14/13 to 03/15/14.

Women’s Basketball
9601 MTWThF 12:00p-01:50p Huddleston A GYM-1
Section 9601 is held from 01/14/13 to 03/15/14.

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

MERCED
Women’s Basketball (1 unit)
9168 MTWThF 09:00a-01:35p Huddleston A FHA
Section 9168 is held from 12/23/13 to 01/10/14.

Men’s Basketball (1 unit)
9317 MTWThF 02:00p-06:35p Russell W FHA
Section 9317 is held from 12/23/13 to 01/10/14.

Baseball (1 unit)
9118 MTWThF 03:00p-07:35p Devine N FHA
Section 9118 is held from 12/23/13 to 01/10/14.

CHILD DEVELOPMENT (CLDV)

CLDV-33 WORKING EFFECTIVELY WITH FAMILIES
1 unit: 1 hour lecture.
Advisory: ENGL-85.
This is a course designed for students who are interested in working with families in school settings, K-3rd grade.

9075 Th 05:30p-08:20p Paystrup J VOC-143
Section 9075 is held from 01/13/14 to 02/20/14.

CLDV-54 SEXUAL DEVELOPMENT OF YOUNG CHILDREN
1 unit: 1 hour lecture.
Prerequisite: CLDV-01. Advisory: ENGL-85.
This course offers students knowledge about healthy sexual development of young children from infancy to age 12.

MERCED
9076 Th 05:30p-08:20p Staff VOC-143
Section 9076 is held from 02/27/14 to 04/03/14.

CLDV-57 CHILD ABUSE AND NEGLECT
1 unit: 1 hour lecture.
Advisory: CLDV-01; ENGL-85.
This course is designed to help Child Development students and practicing child care professionals understand that the educator has a vital role in the identification, treatment, and prevention of child abuse and neglect.

MERCED
9077 Th 05:30p-08:20p Staff VOC-143
Section 9077 is held from 04/10/14 to 05/22/14.
### 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. Students 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).

**MERCED**

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>9163</td>
<td>TTh</td>
<td>06:00p-09:50p</td>
<td>Gregory B/ Norris S</td>
<td>VOC-141</td>
</tr>
<tr>
<td></td>
<td>&amp; SSU</td>
<td>08:00a-04:50p</td>
<td>Gregory B/ Norris S</td>
<td>VOC-141</td>
</tr>
</tbody>
</table>

Section 9163 is held from 01/14/14 to 03/01/14.

This course requires an orientation on 04/14/14 from 05:30p to 09:15p; Theatre Stage.

### DRAMA (DRAM)

#### DRAM-02 REHEARSAL AND PERFORMANCE

2 units: 1 hour lecture, 3 hours lab.

Limitation on enrollment: Enrollment by audition or interview, instructor signature required. One-way corequisite: DRAM-02L.

Advisory: ENGL-85.

This course focuses on preparing students for the practical application of rehearsal techniques, play promotion, and production towards public performance using a different work or genre for each subsequent offering. Because a different work or genre is explored in each subsequent offering, the course may be repeated three times.

**MERCED**

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<tr>
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<td>05:30p-09:45p</td>
<td>Heidelbach C</td>
<td>THTR-STG</td>
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</table>

Section 9023 is held from 01/13/14 to 02/19/14.

Students registering for DRAM-02-9023 must also register for DRAM-02L-9027.

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Section 9082 is held from 03/17/14 to 04/10/14.

Students registering for DRAM-02-9082 must also register for DRAM-02L-9083.

### 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. This course may be repeated three times.

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Section 9027 is held from 02/24/14 to 03/16/14.

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Section 9083 is held from 04/14/14 to 05/04/14.

### 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.

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Section 9031 is held from 03/17/14 to 05/23/14.

#### 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.

ENGL-85 requires purchasing a print card at a cost of $1.00 per 50 pages. Print cards are available at the campus bookstore or campus student fees office.

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#### 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.

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Section 9140 is held from 01/13/14 to 03/14/14.

Section 9140 requires 180 hours by arrangement and will meet on Saturdays and Sundays; 08:00a-04:50p to include a 1/2 hour lunch break; dates to be announced. Section 9140 requires a $65 fee for instructional materials. 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.

#### 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 extinction, wildland fire fighting, urban interface, and hazardous materials.

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Section 9141 is held from 03/15/14 to 05/24/14.

Section 9141 requires 180 hours by arrangement and will meet on Saturdays and Sundays; 08:00a-04:50p to include a 1/2 hour lunch break; dates to be announced. Section 9141 requires a $65 fee for instructional materials. 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;
GUIDANCE (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.
MERCED
9035  MW 02:00p-04:50p  Long B  VOC-139
Section 9035 is held from 03/17/14 to 05/21/14.

GUID-85 FIRST YEAR SUCCESS
.50 unit: .50 hour lecture.
Advisories: READ-81, ENGL-83.
This course is designed to introduce first year students to strategies for college success through an exploration of college policies, programs, services and academic expectations.
MERCED
9214  T 09:00a-09:50a  Gilardi M  IAC-123
Section 9214 is held from 01/14/14 to 03/11/14.
9211  F 11:00a-11:50a  Smith D  VOC-111
Section 9211 is held from 01/17/14 to 03/14/14. Section 9211 is a Learning Community with READ-81-1034 & ENGL-84-1090.

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.
MERCED
9074  MWF 01:00p-02:50p  Severo S  GYM-2
Section 9074 is held from 03/10/14 to 05/23/14.

INDUSTRIAL TECHNOLOGY (INDT)

INDT-52 REFRIGERANT USAGE CERTIFICATION--ENVIRONMENTAL PROTECTION AGENCY (EPA) REQUIREMENTS
1 unit: 1 hour lecture.
Advisory: READ-81.
This course prepares students for EPA certification in refrigerant handling. The Clean Air Act and Montreal protocol will be discussed. Types I, II, and III certification test requirements will be discussed.
MERCED
9061  T 08:00a-09:50a  Nagano J  IT-1
Section 9061 is held from 01/14/14 to 03/11/14.

KINESIOLOGY (KINE)

KINE-22A BEGINNING SWIMMING
1 unit: 1 hour lecture, 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-11:05a  McCall S  POOL
Section 9128 is held from 03/18/14 to 05/23/14.
THE EVENING MANAGEMENT SERIES:

1 2 3 4 5 indicates sequence in which courses should be taken.

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
9037 T 05:30p-08:20p Pistoresi J AHC-125
Section 9037 is held from 01/14/14 to 01/28/14.

MGMT-50I ATTITUDE IN THE WORKPLACE
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to provide the student with certain key skills in the area of attitude so that they may effectively maintain a positive attitude at the workplace and at home. Pass/No Pass only.

MERCED
9036 T 05:30p-08:20p Pistoresi J AHC-125
Section 9036 is held from 02/04/14 to 02/18/14.

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

MERCED
9038 T 05:30p-08:20p Pistoresi J AHC-125
Section 9038 is held from 02/25/14 to 03/11/14.

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

MERCED
9039 T 05:30p-08:20p Pistoresi J AHC-125
Section 9039 is held from 03/18/14 to 03/28/14.

MGMT-50B VALUES AND ETHICS
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
Emphasis will be placed on how values influence actions, evaluating ones ethical behavior, and helping people do the right thing. Pass/No Pass only.

MERCED
9040 T 05:30p-08:20p Pistoresi J AHC-125
Section 9040 is held from 04/08/14 to 04/29/14.

Enrolling in a math course on the Merced Campus 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 functions and graphs, solving linear, quadratic, absolute value, piecewise defined, exponential, and logarithmic equations, rational expressions and equations, complex numbers, and conic sections.

MERCED
9023 MTWTh 10:00a-11:50a Rieg K SCI-202
Section 9023 is held from 03/17/14 to 05/22/14.

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
9017 MTWTh 10:00a-11:50a Retemeyer J SCI-207
Section 9017 is held from 01/13/14 to 03/13/14.

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
9019 MTWTh 10:00a-11:50a Rieg K SCI-202
Section 9019 is held from 01/13/14 to 03/13/14.
9020 MTWTh 10:00a-11:50a Power J SCI-207
Section 9020 is held from 03/17/14 to 05/22/14.

MATH-90 FUNDAMENTALS OF ARITHMETIC
3 units: 3 hours lecture.
Advisory: ENGL-90.
This course is an intensive review of the whole number system, including counting, notation, word names, and the number line. Particular emphasis is placed on the basic computational skills: addition, subtraction, multiplication, and division.

MERCED
9130 MWF 10:00a-11:50a Linebaugh B SCI-204
Section 9130 is held from 01/13/14 to 03/14/14.

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
9131 MWF 10:00a-11:50a Clamp R SCI-204
Section 9131 is held from 03/17/14 to 05/23/14.

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 applied skill in the service and repair of diesel engines and their sub-systems.

MERCED
9176 MTWTh 12:30p-04:20p Dunn P MA-1
Section 9176 is held from 02/18/14 to 03/19/14.
TAACCT Grant Class Instructor signature required.

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
9172 MTWTh 08:00a-11:50a Fishman D MA-1
Section 9172 is held from 01/13/14 to 03/18/14.
TAACCT Grant Class Instructor signature required.

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.
The series of lectures and discussions will provide concepts and principles preparation, and service as well as HACCP, food allergies, regulations and This beginning course is designed to teach basic food safety principles This course is designed to give the student knowledge and competencies in the daily operation of farming operations will be covered along with hitching, driving, and operational safety skills. This course is a study of safety on and about farm equipment and machines. This is an introductory pharmacology course which includes an introduction of the registered nurse. This course consists of practice in the clinical setting with skills and principles necessary to facilitate transition of the LVN to the changing role of the registered nurse.
PHED-12B BASKETBALL
1 unit: 3 hours lab.
Prerequisite/Advisory: None.
This course offers the 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 03/18/14 to 05/23/14.
9126  MTW  02:00p-03:50p  Russell W  GYM-1
Section 9126 is held from 03/18/14 to 05/23/14.

PHED-36B THEORY AND ANALYSIS OF BASKETBALL
1 unit: 1 hour lecture.
Advisory: ENGL-85.
This course presents the fundamental knowledge of basketball through techniques of lecture, discussions, and video analysis.

MERCED
9133  TTh  05:30p-06:20p  Russell W  GYM-1
Section 9133 is held from 01/13/14 to 03/15/14.

PSYCHOLOGY (PSYC)
PSYC-01A INTRODUCTION TO PSYCHOLOGY
(C-ID PSY 110) (CSU breadth area D9) (IGETC area 4I)
3 units: 3 hours lecture.
Advisory: ENGL-85.
PSYC-01A is a survey course designed to provide an introduction to the facts and theories underlying human behavior.

MERCED
9080  MWF  12:00p-01:50p  Clifford J  AHC-129
Section 9080 is held from 01/13/14 to 03/14/14.

PSYC-01B INTRODUCTION TO PSYCHOLOGICAL METHODS
(C-ID PSY 200)
3 units: 3 hours lecture.
Prerequisite: PSYC-01A or PSYC-01AH.
This course is a continuation of PSYC-01A with emphasis on psychological theory and a detailed treatment of the scientific method as applied to the study of human behavior.

MERCED
9081  MWF  12:00p-01:50p  Clifford J  AHC-129
Section 9081 is held from 03/17/14 to 05/23/14.

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
9174  MTWTh  08:00a-12:50p  Fishman D  MA-1
Section 9174 is held from 04/16/14 to 05/22/14.
TAACCCT Grant Class Instructor signature required.

WELD-40A INTRODUCTION WELDING DESIGN AND CONSTRUCTION
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: WELD-07. One-way corequisite: MATH-80 or 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
9169  MTWTh  08:30a-05:30p  Boyle S  IT-3
Section 9169 is held from 01/13/14 to 01/30/14.
Section 9169 includes a one hour lunch break.
TAACCCT Grant Class Instructor signature required.
**SUPPLEMENTAL INSTRUCTION**

Want better grades?

Supplemental Instruction (SI) is an academic assistance program that utilizes peer-assisted study sessions to assist students with traditionally difficult academic courses. Three study sessions will be scheduled each week outside of the class time, allowing students the opportunity to compare notes, discuss readings, develop organizational tools, and predict test items, with the SI leader’s assistance. Students learn how to integrate course content and study skills while working together. The sessions are facilitated by “SI leaders”, students who have previously done well in the course, and who attend all class lectures, take notes, and act as model students. SI sessions are open to all students in the course and are attended on a voluntary basis.

**BIOLOGY (BIO)**

**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.

**MERCED**

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<td>Estrella C</td>
<td>SCI-111</td>
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**BIOL-04A FUNDAMENTALS OF BIOLOGY: THE CELL AND EVOLUTION**
(CSU breadth area B2/B3) (IGETC area 5B/5C)

4 units: 3 hours lecture, 3 hours lab.
One-way corequisite: CHEM-04A. Advisories: BIOL-01 or BIOL-02; ENGL-85.

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**CHEMISTRY (CHEM)**

**CHEM-04A GENERAL CHEMISTRY**
(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.

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Enrolling in a math course on the Merced Campus 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-80 PREALGEBRA**
4 units: 4 hours lecture.
Prerequisite: MATH-91. Advisories: READ-81.

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**ENGLISH (ENGL)**

**ENGL-13 CRITICAL REASONING AND WRITING (ALSO: PHIL-13)**
(CSU breadth area A3) [CILC area G] (C-ID ENGL 105)

In-class: 2 hours lecture per week online.

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**READ-81 FOUNDATIONS IN READING III**
4 units: 3 hours lecture, 3 hours lab.
Prerequisite: READ-80. Advisory: Concurrent enrollment in ENGL-84.

Read-81 requires purchasing a print card at a cost of $1.00 per 50 pages. Print cards are available at the campus bookstore or campus student fees office.

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<td>IAC-139</td>
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</tbody>
</table>

**ENGL-84 FOUNDATIONS IN WRITING III**
5 units: 5 hours lecture.
Prerequisite: ENGL-83. Advisory: Concurrent enrollment in READ-81.

**MERCED**

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<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<td>1314</td>
<td>TWThF</td>
<td>09:15a-10:20a</td>
<td>Flatt S</td>
<td>IAC-122</td>
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</tbody>
</table>

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**Notes:**
- Requires students to do online assignments. Additional fees apply. For specific text/access code please see your instructor.
ENGL-85  FOUNDATIONS IN ACADEMIC LITERACY
5 units: 4 hours lecture, 3 hours lab.
Prerequisite: READ-81 and ENGL-84

ENGL-85 requires purchasing a print card at a cost of $1.00 per 50 pages. Print cards are available at the campus bookstore or campus student fees office.

MERCED

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<tr>
<th>Section 9028 is held from 01/13/14 to 03/14/14.</th>
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<tr>
<td>9028  MTWTh 08:00a-09:50a Mumford J PS-2</td>
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<th>Section 1222 requires the use of Aplia and Enhanced InSite software included with the latest edition of the Harbrace Essentials handbook bundle available at the Merced College bookstore. If buying a used handbook you will incur additional and separate fees for software access.</th>
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<tr>
<td>TTh    02:00p-03:15p Hundley A IAC-140</td>
</tr>
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</table>

ENGL-01A  COLLEGE COMPOSITION AND READING
(C-I D ENGL 100) (CSU breadth area A2) (IGETC area 1A) [CILC area G]
4 units: 4 hours lecture.
Prerequisite: ENGL-85. Advisory: LRNR-30.

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<tr>
<th>Section 1222 requires the use of Aplia and Enhanced InSite software included with the latest edition of the Harbrace Essentials handbook bundle available at the Merced College bookstore. If buying a used handbook you will incur additional and separate fees for software access.</th>
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</thead>
<tbody>
<tr>
<td>1192  MTWF 07:00a-07:50a Barba M IAC-122</td>
</tr>
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PHILOSOPHY (PHIL)

PHIL-13 CRITICAL REASONING AND WRITING (ALSO: ENGL-13)
(CSU breadth area A3) (IGETC area 1B) [CILC area G]
3 units: 3 hours lecture.
Prerequisite: ENGL-01A.
Los Baños Campus 22240 Highway 152; Los Baños, CA 93635 (209) 826-3495 or (209) 381-6411

Los Baños Campus Switchboard .......... 826-3495 or 381-6411
Bookstore .................................................. 381-6424
CalWORKs Student Support Services (CSSS) .......... 381-6428
Computer Lab............................................. 381-6421
Continuing Education (Non-credit Program)........ 381-6419
Disabled Student Services ..................... 381-6423
EOPS ................................................................. 381-6432
Financial Aid ............................................... 381-6435
Guidance ....................................................... 381-6411
Library .......................................................... 381-6427
Police ............................................................... 381-6425
Student Fees Office ................................. 381-6419
Student Help Desk* ....................................... 381-6565

Los Baños Campus
(Mercéd College Student Services & Counseling)

Los Baños Campus
Hours are subject to change

Monday, Tuesday, Thursday, Friday .......... 08:00a-04:30p
Wednesday ............................................. 08:00a-07:00p

Spring 2014 Exceptions:
January 8-9, 2014
Wednesday, Thursday ......................... 08:00a-07:00p
January 13-16, 2014
Monday, Tuesday, Wednesday, Thursday .... 08:00a-07:00p
January 27 - April 04, 2014
No Wednesday nights. Office closes at 04:30p.
ACCOUNTING (ACTG)
ACTG-04B MANAGERIAL ACCOUNTING
(C-ID ACCT 120)
4 units: 4 hours lecture.
One-way corequisite: ACTG-04A or ACTG-51. Advisory: MATH-81 or MATH-B.
This course provides students with instruction in managerial accounting. Topics include job-order and process costing, cost-volume-profit relationships, the contribution approach to costing, budgeting, standard costing, capital budgeting and investment decisions, and relevant costs for decision making.

LOS BAÑOS
8004 TTh 05:30p-07:20p Snipes R LB-B-137

ADMINISTRATIVE OFFICE MANAGEMENT (AOM)
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.
AOM-50B requires purchasing a print card at a cost of $1.00 per 50 pages. Print cards are available at the campus bookstore or campus student fees office.

LOS BAÑOS
8036 TTh 07:30p-09:45p Snipes R LB-A-108

ALLIED HEALTH (ALLH)

SPRING 2014 NURSE ASSISTANT ORIENTATIONS
Students must purchase a Merced College Nurse Assistant Program Handbook at the MC Bookstore Prior to orientation. The orientation will provide the necessary information needed to successfully complete the requirements prior to registration. Prospective students must attend an orientation before the beginning of a new class. The orientation sessions are open to the general public.

LOS BAÑOS CAMPUS
An orientation will be held in LB B-138 and will last approximately one hour.
October 9, 2013 Time: 06:00p - 07:00p

ALLH-67 MEDICAL TERMINOLOGY
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course is a study of general medical terminology -- diagnostic, operative, and symptomatic terms related to body systems -- with emphasis on proper spelling and pronunciation.

LOS BAÑOS
8035 T 07:00p-09:50p Staff LB-B-107

ANTHROPOLOGY (ANTH)
ANTH-02 SOCIOCULTURAL ANTHROPOLOGY
(CSU breadth area D1) (IGETC area 4A)
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.

LOS BAÑOS
8061 T 07:00p-09:50p Gaugler C LB-B-106

ART (ART)
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.

LOS BAÑOS
4115 TTh 04:00p-05:15p Johnson P LB-B-107

ART-15 DESIGN: 2-D FOUNDATIONS
(CSU breadth area C1)
3 units: 2 hours lecture, 3 hours lab.
Advisory: ENGL-01A.
This is a foundation course for the study of the Visual Arts. Lectures and studio projects explore and analyze concepts and theories related to the elements and principles of design, including: line, shape, iconography, value, color, texture, space, time and motion, compositional substructures, unity, variety, balance, emphasis, rhythm, scale and proportion.

LOS BAÑOS
4084 TTh 10:30a-12:45p Donovan M LB-B-101

ART-17A CERAMICS - POTTERY
3 units: 2 hours lecture, 3 hours lab.
Advisory: ENGL-85.
This course is a survey of ceramic materials (clays and glazes) and their function in relation to design as an art form. ART-17A requires a materials fee of $15. Additionally, students will need to purchase an estimated minimum of 2 bags of clay at a cost of $8/bag by paying Student Fees and receiving a receipt to present to the instructor for their clay. Students must pay for clay in Student Fees BEFORE the first class meeting. Students provide their own clay tools, available at the bookstore at an estimated cost of $10.

LOS BAÑOS
8081 MW 05:30p-07:45p Caredio S LBHS
Section 8081 is located at Pacheco High School; 200 Ward Road; Los Baños; Room K-1
ART-17B INTERMEDIATE CERAMICS - POTTERY
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 $15. Additionally, students will need to purchase an estimated minimum of 2 bags of clay at a cost of $8/bag by paying Student Fees and receiving a receipt to present to the instructor for their clay. Students must pay for clay in Student Fees BEFORE the first class meeting. Students provide their own clay tools, available at the bookstore at an estimated cost of $10.**

**LOS BAÑOS**
8083 MW 05:30p-07:45p Caredio S LBHS
Section 8083 is located at Pacheco High School; 200 Ward Road; Los Baños; Room K-1

ART-17C ADVANCED CERAMICS - POTTERY
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: ART-17B. Advisory: ENGL-85.
This is an advanced course in ceramic pottery with emphasis on more complicated sculpture and wheel construction and design techniques. **ART-17C requires a materials fee of $15. Additionally, students will need to purchase an estimated minimum of 2 bags of clay at a cost of $8/bag by paying Student Fees and receiving a receipt to present to the instructor for their clay. Students must pay for clay in Student Fees BEFORE the first class meeting. Students provide their own clay tools, available at the bookstore at an estimated cost of $10.**

**LOS BAÑOS**
8085 MW 05:30p-07:45p Caredio S LBHS
Section 8085 is located at Pacheco High School; 200 Ward Road; Los Baños; Room K-1

ART-24A DRAWING I
(CSU Breadth Area C1)
3 units: 2 hours lecture, 3 hours lab.
Prerequisite/Advisory: None.
This course is an introduction to the principles, theories, and techniques of drawing and composition.

**LOS BAÑOS**
4086 TTh 01:00p-03:15p Donovan M LB-B-101

ART-24B DRAWING II
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: ART-24A.
This course is an intermediate-level study of the theories and practice of drawing as an art form.

**LOS BAÑOS**
4088 TTh 01:00p-03:15p Donovan M LB-B-101

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

**LOS BAÑOS**
8131 MW 05:30p-06:45p Coburn C LB-A-103
W 02:00p-04:50p Coburn C LB-B-102
8133 MW 05:30p-06:45p Coburn C LB-A-103
W 07:00p-09:50p Staff LB-B-102
8135 MW 05:30p-06:45p Coburn C LB-A-103
M 01:00p-03:50p Coburn C LB-B-102

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

**CONTACT:** Latham E
CONTACT: latham.e@mccd.edu; (209) 386-6728; Office LB-B-133, Los Baños 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 wait list MUST e-mail the instructor within the first three days of the class starting or will be dropped from the wait list. Instructor has office hours in Los Baños.

**BUSINESS (BUS)**
BUS-18A BUSINESS LAW
4 units: 4 hours lecture.
Advisories: BUS-10; ENGL-85.
This course is a study of legal principles that govern the conduct of business.

**LOS BAÑOS**
8171 MW 07:00p-08:50p Verrinder J LB-B-107

BUS-35 MONEY MANAGEMENT
3 units: 3 hours lecture.
Advisories: CPSC-30; ENGL-85; MATH-80.
This course offers instruction in principles and practices of business from the consumer’s point of view.

**LOS BAÑOS**
8172 MW 05:30p-06:45p Verrinder J LB-B-134
### CHEMISTRY (CHEM)

**CHEM-02A INTRODUCTORY CHEMISTRY**

(IGETC area 5A/5C)

4 units: 3 hours lecture, 3 hours lab.  
Advisories: ENGL-85; MATH-81 or MATH-B.  
This is an introduction to the general principles of inorganic chemistry, atomic and molecular structure, states of matter, solutions, and radioactivity.

#### LOS BAÑOS

<table>
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**CHEM-02B INTRODUCTORY CHEMISTRY: INTRODUCTION TO ORGANIC AND BIOCHEMISTRY**

(IGETC area 5A/5C)

4 units: 3 hours lecture.  
Prerequisite: CHEM-02A.  
Advisories: ENGL-85; LRNR-30; MATH-81 or MATH-B.  
This is a continuation of CHEM-02A with emphasis on organic and biochemistry.

#### LOS BAÑOS

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### CHILD DEVELOPMENT (CLDV)

**CLDV-02 CHILD, FAMILY AND COMMUNITY**

(IGETC area 4G)

3 units: 3 hours lecture.  
Advisory: ENGL-01A.  
This course studies the importance of the socialization of children and how society supports and empowers families.

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**CLDV-06 TEACHING IN A DIVERSE SOCIETY**

(IGETC area 1C)

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.

#### LOS BAÑOS

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### COMMUNICATION STUDIES (COMM)

**COMM-01 FUNDAMENTALS OF SPEECH**

(IGETC area 1C)

3 units: 3 hours lecture.  
Prerequisite: ENGL-85.  
This course is designed to instruct students in the fundamentals of preparing and giving speeches in front of audiences.

#### LOS BAÑOS

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**COMM-05 INTERPERSONAL COMMUNICATION**

(IGETC area 5A)

3 units: 3 hours lecture.  
Prerequisite: ENGL-85.  
The focus of this course is to examine successful verbal and nonverbal communication in interpersonal relationships.

#### LOS BAÑOS

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### COMPUTER SCIENCE (CPSC)

**CPSC-30 COMPUTER APPLICATIONS**

Prerequisite: CHEM-02A with emphasis on organic and biochemistry.  
Advisories: ENGL-85; LRNR-30; MATH-81 or MATH-B.  
This is a continuation of CHEM-02A with emphasis on organic and biochemistry.

#### LOS BAÑOS

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### COOPERATIVE EDUCATION (COOP)

#### Merced Campus

Students enroll in Cooperative Education by going to the Cooperative Education Office in the Lesher Student Services Center.  
Call (209) 384-6068 for more information.

#### Los Baños Campus

Students enroll in Cooperative Education by meeting with a counselor in Student Services located in Building A.  
Call (209) 826-3495 or (209) 826-4342 for more information.

**COOP-41A COOPERATIVE EDUCATION IN (SUBJECT)**

1-4 units: 1-4 hours weekly.  
Advisory: ENGL-85.  
Cooperative work experience education is a process of education that combines work experience with regular college instruction as an integral part of the community college curriculum.

**COOP-41BCD COOPERATIVE EDUCATION IN (SUBJECT)**

1-4 units: 1-4 hours weekly.  
Prerequisite: COOP-41A.  
Advisory: ENGL-85.  
See COOP-41A above.

### CRIMINAL JUSTICE (CRIM)

**CRIM-03 CRIMINAL PROCEDURES**

Prerequisite: CRIM-01 or CRIM-02; ENGL-85.  
This course covers the examination of due process from pre-arrest through trial and appeal.

#### LOS BAÑOS

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**CRIM-04 CRIMINAL LAW**

Prerequisite: ENGL-85.  
One-way corequisite: CRIM-01 or 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.

#### LOS BAÑOS

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DRAMA (DRAM)

DRAM-01 INTRODUCTION TO THEATER
(C-ID THRTR 111) (IGETC area C1/C2) (IGETC area 3B)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course is an introduction to the art of theater that delves into the nature of theatrical presentation, elements of dramatic structure, and the contributions of the playwright, actor, director, designer, technician, and audience.

LOS BAÑOS
4296 F 09:00a-11:50a Morriston J LB-B-112

ECONOMICS (ECON)

ECON-01A INTRODUCTION TO MACROECONOMICS
(CSU breadth area D2) (IGETC area 1A) (CILC area G)
3 units: 3 hours lecture.
Prerequisite: ENGL-85; MATH-81.
ECON-01A 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 BAÑOS
8312 MW 05:30p-06:45p McNally T LB-B-106

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 a process-based approach to writing essays, including an introduction to argumentation, and offers a review of grammar and spelling. Students develop analytical and evaluative reading and writing skills while acquiring an appreciation for the cultural context and the aesthetic qualities of literature.

LOS BAÑOS
4360 MW 08:00a-09:50a Long J LB-B-136
4361 MW 12:00p-01:50p Chavez C LB-B-111
4365 MW 02:00p-03:50p Nelson K LB-B-135
4362 TTh 12:00p-01:50p Nelson K LB-B-110
4364 TTh 08:00a-09:50a Goodwin N LB-B-111
8401 MW 05:30p-07:20p Flanagan J LB-B-137

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. Students develop analytical and evaluative reading and writing skills while acquiring an appreciation for the cultural context and the aesthetic qualities of literature.

LOS BAÑOS
4370 TTh 02:00p-03:15p Baker W LB-B-137

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.

LOS BAÑOS
4390 TTh 08:00a-09:15a Long J LB-B-137
8347 MW 05:30p-06:45p Nelson K LB-B-111

ENGL-83 FOUNDATIONS IN WRITING II
5 units: 5 hours lecture.
Prerequisite: ENGL-90 or ESL-92B. 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 BAÑOS
4404 MTWTh 08:00a-09:05a Kimoto S LB-B-135

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 BAÑOS
4415 MW 12:30p-02:45p Long J LB-B-137
4416 TTh 11:00a-01:15p Withers M LB-B-136
4412 MTWTh 09:30a-10:35a Kimoto S LB-B-135
8412 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.
ENGL-85 requires purchasing a print card at a cost of $1.00 per 50 pages. Print cards are available at the campus bookstore or campus student fees office.

LOS BAÑOS
4351 MW 08:00a-09:50a Chavez C LB-B-111
MW 10:00a-11:15a Chavez C LB-A-109
Section 4351 requires the Aplia bundle with software access code. Fees apply, please refer to www.mercedcollegebookstore.com
4347 MW 10:00a-11:50a Nelson K LB-B-136
Section 4347 requires the Aplia bundle with software access code. Fees apply, please refer to www.mercedcollegebookstore.com
4348 MW 12:00p-01:50p Baker W LB-B-136
MW 02:00p-03:15p Baker W LB-A-109
Section 4348 requires the Aplia bundle with software access code. Fees apply, please refer to www.mercedcollegebookstore.com
4350 TTh 12:00p-01:50p Kimoto S LB-B-135
TTh 02:00p-03:15p Kimoto S LB-A-109
Section 4350 requires the Aplia bundle with software access code. Fees apply, please refer to www.mercedcollegebookstore.com
4349 MW 02:00p-03:55p Flanagan J LB-B-136
MW 04:00p-05:15p Flanagan J LB-A-109
Section 4349 requires the Aplia bundle with software access code. Fees apply, please refer to www.mercedcollegebookstore.com
8348 TTh 05:30p-07:20p Baker W LB-B-136
TTh 07:30p-08:45p Baker W LB-A-109
Section 8348 requires the Aplia bundle with software access code. Fees apply, please refer to www.mercedcollegebookstore.com

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.
GEOGRAPHY (GEOG)

GEOG-01 PHYSICAL GEOGRAPHY
(CSU breadth area B1) (IGETC area 5A)
3 units: 3 hours lecture.
Advisory: ENGL-85.
In this course, the basic physical elements of the world are presented. Topics to be covered include topographic maps, earth-sun relationships, and time. Weather processes and climates are correlated to human environments.

MATHEMATICS (MATH)

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

GUIDANCE (GUID)

GUID-30 FOUNDATIONS AND STRATEGIES FOR COLLEGE SUCCESS
(CSU breadth area E)
3 units: 3 hours lecture.
Advisory: READ-81, ENGL-84.
This course is appropriate for students wishing to improve their academic standing.

HISTORY (HIST)

HIST-04B HISTORY OF CIVILIZATION: PART II
(CSU breadth area C2/D6) (IGETC area 3B)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course provides a broad historical survey of humanity's social, political, economic and intellectual experiences for all major world civilizations from the 17th century to the present.

HIST-17A UNITED STATES HISTORY AND UNITED STATES CONSTITUTION
(CSU breadth area C2/D6/F1/F2) (IGETC area 3B/4F)
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.
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 BAÑOS  
4578  S  MW  10:00a-11:50a  Strail L  LB-B-134  
4579  S  MW  12:00p-01:50p  Sutterfield M  LB-B-134  
4582  TT  02:00p-03:50p  Schlinger C  LB-B-110  
8576  MW  05:30p-07:20p  Bhaskar H  LB-B-136  

MATH-90  FUNDAMENTALS OF ARITHMETIC  
3 units: 3 hours lecture.  
Advisory: ENGL-90.  
This course is an intensive review of the whole number system, including counting, notation, word names, and the number line. Particular emphasis is placed on the basic computational skills: addition, subtraction, multiplication, and division.  
LOS BAÑOS  
4600  MW  11:00a-12:15p  Albertson I  LB-B-135  

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 BAÑOS  
4620  MW  12:30p-01:45p  Strail L  LB-B-112  
8608  TT  05:30p-06:45p  Navraez J  LB-B-134  

MUS-14  HISTORY OF AMERICAN POPULAR MUSIC  
(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.  
LOS BAÑOS  
8626  M  07:00p-09:50p  Faria M  LB-A-103  

NUTRITION (NUTR)  
(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 BAÑOS  
4631  F  09:00a-11:50a  Caudle N  LB-B-110  

PHILOSOPHY (PHIL)  
PHIL-10  CRITICAL THINKING  
(CSU breadth area A3) [CILC area G]  
3 units: 3 hours lecture.  
Prerequisites: ENGL-85. Advisories: ENGL-01A.  
This is a practical course in sound and logical reasoning. The focus of this course is to develop the abilities to analyze, to criticize, and to reach reasoned conclusions.  
LOS BAÑOS  
4647  F  09:00a-11:50a  Barnes L  LB-B-106  
PHIL-13  CRITICAL REASONING AND WRITING (ALSO: ENGL-13)  
(CSU breadth area A3) (IGETC area 1B) [CILC area G]  
3 units: 3 hours lecture.  
Prerequisite: ENGL-01A.  
This course offers instruction in argumentative and critical writing, critical thinking, research strategies, information literacy, and proper documentation.  
LOS BAÑOS  
4646  TT  08:00a-09:15a  Long J  LB-B-137  
8393  MW  05:30p-06:45p  Nelson K  LB-B-111  

PHYSICAL EDUCATION (PHED)  
PHED-10B  AEROBIC CIRCUIT 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.  
LOS BAÑOS  
4657  MW  12:30p-01:45p  Mendes D  LBPC  
Section 4657 is held at Positive Changes; 1005 6th Street, Los Baños.  

PHED-10D  WEIGHT TRAINING  
0.5 - 1 unit: 1.5 - 3 hours lab.  
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.  
This is an open-laboratory experience for those people who desire an individualized strength program using a combination of exercise machines and free weights.  
LOS BAÑOS  
8656  TT  06:00p-07:15p  Toccano D  LBHS  
Section 8656 is held at Los Baños High School; 1966 11th St., Room 502, Los Baños.  

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 BAÑOS  
4659  TT  08:00a-09:15a  Gomes A  LB-A-103  
Section 4659 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 Baños.  

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.  
LOS BAÑOS  
4672  TT  04:00p-05:15p  Staff  LB-B-106  

• LOS BAÑOS • 77
### POLITICAL SCIENCE (POSC)

**POSC-01 ESSENTIALS OF AMERICAN POLITICAL SYSTEM**  
(csu breadth area D8/F2) (IGETC area 4H)  
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.  

<table>
<thead>
<tr>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOS BAÑOS 4695</td>
<td>MW</td>
<td>12:30p-01:45p</td>
<td>Gardner J</td>
<td>LB-B-106</td>
</tr>
<tr>
<td>LOS BAÑOS 4696</td>
<td>TTh</td>
<td>08:00a-09:15a</td>
<td>Gardner J</td>
<td>LB-B-107</td>
</tr>
</tbody>
</table>

### PSYCHOLOGY (PSYC)

**PSYC-01A INTRODUCTION TO PSYCHOLOGY**  
(C-ID PSY 110) (CSU breadth area D9) (IGETC area 4I)  
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.  

<table>
<thead>
<tr>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOS BAÑOS 4701</td>
<td>MW</td>
<td>08:00a-09:15a</td>
<td>Coahran S</td>
<td>LB-B-106</td>
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<tr>
<td>LOS BAÑOS 8701</td>
<td>M</td>
<td>07:00p-09:50p</td>
<td>Pierce S</td>
<td>LB-B-106</td>
</tr>
</tbody>
</table>

**PSYC-01B INTRODUCTION TO PSYCHOLOGICAL METHODS**  
(C-ID PSY 200)  
3 units: 3 hours lecture.  
Prerequisite: PSYC-01A or PSYC-01AH.  
This course explores the psychology of human sexuality. Psychological, biological, and sociocultural research is presented concerning all aspects of human sexuality in contemporary society.  

<table>
<thead>
<tr>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOS BAÑOS 4703</td>
<td>TTh</td>
<td>02:00p-03:15p</td>
<td>Coahran S</td>
<td>LB-B-107</td>
</tr>
</tbody>
</table>

### SOCIOLOGY (SOC)

**SOC-01 INTRODUCTION TO SOCIOLOGY**  
(C-ID SOCI 110) (CSU breadth area D0) (IGETC area 4J)  
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.  

<table>
<thead>
<tr>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOS BAÑOS 4732</td>
<td>MW</td>
<td>11:00a-12:15p</td>
<td>Coahran S</td>
<td>LB-B-107</td>
</tr>
<tr>
<td>LOS BAÑOS 8731</td>
<td>TTh</td>
<td>05:30p-06:45p</td>
<td>Coahran S</td>
<td>LB-B-107</td>
</tr>
</tbody>
</table>

### SPANISH (SPAN)

**SPAN-01 ELEMENTARY SPANISH**  
(C-ID SPAN 100) (CSU breadth area C2) (IGETC area 3B/6)  
5 units: 5 hours lecture.  
Prerequisite: SPAN-01 or two years of high school Spanish.  
SPAN-02 is the continuation of SPAN-01.  

<table>
<thead>
<tr>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOS BAÑOS 4748</td>
<td>TThr</td>
<td>11:00a-01:15p</td>
<td>Cortes S</td>
<td>LB-B-112</td>
</tr>
<tr>
<td>LOS BAÑOS 4749</td>
<td>TThr</td>
<td>02:00p-04:15p</td>
<td>Cortes S</td>
<td>LB-B-112</td>
</tr>
<tr>
<td>LOS BAÑOS 8748</td>
<td>MW</td>
<td>05:30p-07:45p</td>
<td>Wynne C</td>
<td>LB-B-112</td>
</tr>
</tbody>
</table>

### READING (READ)

**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. The course will emphasize the application of reading strategies to improve students’ ability to read effectively at two levels below transfer and advance to English 85, Foundations in Academic Literacy.  
**READ-81 requires purchasing a print card at a cost of $1.00 per 50 pages. Print cards are available at the campus bookstore or campus student fees office.**  

<table>
<thead>
<tr>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOS BAÑOS 4393</td>
<td>MW</td>
<td>11:00a-12:15p</td>
<td>Withers M</td>
<td>LB-B-112</td>
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<tr>
<td>LOS BAÑOS 4420</td>
<td>MW</td>
<td>12:30p-01:45p</td>
<td>Withers M</td>
<td>LB-A-110</td>
</tr>
<tr>
<td>LOS BAÑOS 4421</td>
<td>TTh</td>
<td>09:30a-10:15a</td>
<td>Long J</td>
<td>LB-B-112</td>
</tr>
<tr>
<td>LOS BAÑOS 4422</td>
<td>TTh</td>
<td>11:00a-12:15p</td>
<td>Long J</td>
<td>LB-A-110</td>
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<tr>
<td>LOS BAÑOS 8391</td>
<td>MW</td>
<td>05:30p-06:45p</td>
<td>Ryskamp S</td>
<td>LB-A-105</td>
</tr>
<tr>
<td>LOS BAÑOS 8391</td>
<td>MW</td>
<td>07:00p-08:15p</td>
<td>Ryskamp S</td>
<td>LB-A-110</td>
</tr>
</tbody>
</table>

**READ-80 FOUNDATIONS IN READING II**  
4 units: 3 hours lecture, 3 hours lab.  
Prerequisite: ESL-92B or ENGL-90.  Advisory: Concurrent enrollment in ENGL-83.  
This course is designed to improve basic reading skills, primarily comprehension.  
**READ-80 requires purchasing a print card at a cost of $1.00 per 50 pages. Print cards are available at the campus bookstore or campus student fees office.**  

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<thead>
<tr>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>LOS BAÑOS 4394</td>
<td>TTh</td>
<td>08:00a-09:15a</td>
<td>Spevak J</td>
<td>LB-B-136</td>
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<tr>
<td>LOS BAÑOS 4394</td>
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<td>09:30a-10:45a</td>
<td>Spevak J</td>
<td>LB-A-110</td>
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<tr>
<td>LOS BAÑOS 8421</td>
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<td>05:30p-06:45p</td>
<td>Cates K</td>
<td>LB-B-135</td>
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<tr>
<td>LOS BAÑOS 8421</td>
<td>TTh</td>
<td>07:00p-08:15p</td>
<td>Cates K</td>
<td>LB-A-110</td>
</tr>
</tbody>
</table>

**SPAN-02 ELEMENTARY SPANISH**  
(C-ID SPAN 101) (CSU breadth area C2) (IGETC area 3B/6)  
5 units: 5 hours lecture.  
Prerequisite: SPAN-01 or two years of high school Spanish.  
SPAN-02 is the continuation of SPAN-01.  

<table>
<thead>
<tr>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
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<tr>
<td>LOS BAÑOS 8750</td>
<td>TTh</td>
<td>05:30p-07:45p</td>
<td>Wynne C</td>
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</tr>
</tbody>
</table>
SERVICES FOR STUDENTS

(MC) = Merced Campus
(LB) = Los Baños 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

You will find complete meals, soups, sandwiches, pizza and snacks at competitive prices in our attractive cafeteria located in the Student Union building. We also provide on-site affordable customized catering for small to large luncheons and BBQ. See our catering menu on our web site at www.mccd.edu and click on services. Or call (209) 381-6549.

CALIFORNIA MINI-CORPS

California Mini-Corps offers part-time employment to full-time college students who are seeking a career in teaching and is located at Tri-College Center TC-3 at Merced Campus. The Mini-Corps program gives students the opportunity to work flexible hours in a classroom as tutors assisting migrant students. College students are placed in a public school grades K-12. Tutors get paid $8.75 per hour and work hours range from 10-20 per week. Applicants must be Spanish/English bilingual. Please contact the coordinator, Margarita Covarrubias at (209) 384-6046 or covarrubias.m@mccd.edu for more information.

CALWORKS PROGRAM

The CalWORKs program serves as a liaison between the student and the Human Services Agency (H.S.A.), the Department of Workforce Investment (DWI), and the Merced County Office of Education EMPOWER program by providing educational and career opportunities combined with an array of high-quality support services. The CalWORKs staff provides customized support services during the student’s educational and employment journey. Call the CalWORKs program for more information at Merced Campus (209) 381-6515 or Los Baños Campus (209) 381-6428. We are on the Web: www.mccd.edu/programs.

CAREER/TRANSFER CENTER SERVICES

The Career/Transfer Center is your career and transfer information resource center located in the Lesher Student Services Center. If you plan to transfer, visit the Center early in your course planning process. The Career/Transfer Center is open during the fall and spring semesters from 08:00a-04:30p, Monday through Friday. Come in or call (209) 384-6243 (MC) for career services or (209) 384-6239 (MC) 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 the college.

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 at (209) 384-6216 or (209) 384-6219 (MC) or (209) 826-3495, ext 6419 or (209) 381-6419 (LB).

BOOKSTORE

The Merced Campus Bookstore is located in the Student Union Building and is open 07:45a to 03:00p, 05:45p to 7:15p Monday through Thursday. On Fridays only we are open 07:45a – 03:00p. We offer extended business Hours in the beginning of each semester – please check our web site www.mercedcollegebookstore.com for more information.

Textbook Rental Program and Textbook Reservation Program are available for all Merced College Students at the Merced Campus, Los Baños Campus, and all off Campus Classes. Please check with the bookstore or check online at www.mercedcollegebookstore.com for more information.

35mm and Digital cameras are available for RENT. In addition, Graphing Calculators are also available for RENT each semester while supplies last.

Students are required to bring their class registration to the bookstore to purchase textbooks. To assure accuracy in textbook selection, we will be offering a counter service to students who wish to purchase textbooks. If you want to check textbook prices and information for your courses or purchase textbooks online, please go to www.mercedcollegebookstore.com. No Lines, No Waiting - Purchasing textbooks online saves customers’ valuable time.
ENABLE STUDENT SERVICES

Disabled Student Services (DSS) provides support services and educational accommodations to students with disabilities allowing them to benefit from the college experience equally with non-disabled students. Examples of services include: course planning and registration assistance, diagnostic assessment for learning disabilities, access to assistive computer technologies, alternate print material such as Braille or e-text, books in audio format or CD, testing accommodations, adaptive physical education, interpreters for the deaf, and classroom note-takers.

The DSS staff provides a supportive and individualized approach to the provision of services. Students are encouraged to stop by DSS on the Merced or Los Baños campus to see if they qualify for services. Call (209) 384-6155 or (209) 384-6311 (TDD) (MC), or (209) 826-3495 ext. 6423 or (209) 381-6423 (LB) for more information.

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.

EOPS & 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 in completing their college education. The additional services to CARE eligible students include CARE orientation and workshops, CARE grants, meal vouchers, and gas card/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).

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 2014 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 Program 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-F 01:00p-04:00p, or by appointment. Phone number (209) 384-6068.

LIBRARY, MERCED

Merced Campus SPRING 2014 hours:
Hours not yet determined

LIBRARY, LOS BAÑOS

Los Baños Campus - Building A; SPRING 2014 hours:
Monday, Tuesday, Wednesday, Thursday: 08:45a-08:30p
Friday: 08:45a-12:00p

PARKING

Merced Campus SPRING 2014
There are approximately 2,098 regular and 90 disabled parking spaces available for students to use. Parking lot locations are indicated on the campus map on page 107. Please note that Parking Lot L (west side of campus) is designated for staff use only. There are also plenty of parking spaces in Parking Lot G (Allied Health Parking Lot), and Lot F (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.

Bike Rack Locations (BR):
- Administration Bldg-East
- Gym-Southwest Corner
- Pool-Southest 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

Motorcycle Parking (M):
- S/E Corner of Parking Lot K
- S/E Corner of Parking Lot M
- N/E Corner of Parking Lot B1
- N/W Parking Lot A
- West side of Parking Lot F

PARKING on campus is by permit only. This includes all streets and parking lots on campus. All permits must be properly displayed at all times. Semester permits cost $20 and may be purchased from Student Fees (located on the third floor in the Lesher Student Services Center). Day permits cost $1 and may be purchased at the yellow permit dispensers located in parking lots throughout campus. Day permits shall be placed “This side up” on the dashboard as directed on the permit and must be displayed in a manner that the permit number is clearly visible and unobstructed. Plastic permits shall be hung from the rearview mirror facing forward. Non-operational dispensers should be reported to the Campus Police Department.

DISABLED PARKING—Placards or license plates shall be displayed in conjunction with a valid parking permit. Disabled placards will exempt time limits in timed parking spaces but shall be displayed in conjunction with a valid parking permit. Disabled parking regulations are strictly enforced on campus.

PARKING VIOLATION FEES are processed by an outside processing center contracted by Merced College, NOT the Campus Police Department. However, Campus Police may be able to assist in providing...
PERSONAL COUNSELING
Merced College offers confidential and brief counseling through Student Health Services. Services are provided at the Merced and Los Baños 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 Baños 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/.

INSTRUCTIO NAL LABS

COMPUTER LAB
In-class non-credit registration
Merced Campus, COMM-2 and COMM-5 SPRING 2014 hours
Monday, Tuesday, Wednesday, Thursday: 08:00a-07:00p
Friday: 08:00a-01:00p
Los Baños Campus, LB-A-108 SPRING 2014 hours
In-class non-credit registration
Monday, Tuesday, Wednesday, Thursday: 10:30a-02:30p

MATH LAB
Merced Campus, SCI-201 SPRING 2014 hours
Monday, Tuesday, Wednesday, Thursday: 09:00a-07:00p
Friday 09:00a-01:00p
Los Baños Campus, LB-A-108 SPRING 2014 hours
Monday and Wednesday: 02:30-05:30p

READING LAB
Merced Campus, IAC-139
Refer to course listing for READ-80 and READ-81

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
ENGLISH AS A SECOND LANGUAGE AND PRE-COLLEGE ENGLISH SEQUENCE 2013-2014

- Degree applicable courses
- Transferable
- Meets the English Competency requirements

- Intermediate Non-Degree applicable basic skills courses
- Non Transferable
- Does not meet the English Competency requirements

- Non degree applicable basic skills courses
- Non Transferable
- Does not meet the English Competency requirements
- Suggested concurrent enrollment

ENGL-01A (4 units)
College Composition and Reading

ENGL-85 (5 units)
Foundations in Academic Literacy

READ-81 (4 units)
Foundations in Reading III

ENGL-84 (5 units)
Foundations in Writing III

READ-80 (4 units)
Foundations in Reading II

ENGL-83 (5 units)
Foundations in Writing II

ESL-92B (5 units)
Esl Reading and Writing 2

ESL-96 (3 units)
High-Intermediate Esl Grammar I

ENGL-90 (4 units)
Foundations in Reading and Writing I

ESL-92A (5 units)
Esl Reading and Writing 1

ESL-95 (3 units)
Intermediate Esl Grammar

ESL-98 (3 units)
ESL Pronunciation and Speaking

NON-CREDIT ESL

● Non degree applicable basic skills courses
● Non Transferable
● Does not meet the English Competency requirements
MATHEMATICS SEQUENCE 2013-2014

- **MATH-08** Linear Algebra
- **MATH-06** Differential Equations
- **MATH-04C** Multivariable Calculus
- **MATH-04B** Calculus II
- **MATH-04A** Calculus I
- **MATH-26 AND MATH-25 REQUIRED**
- **MATH-25** Trigonometry
- **MATH-15** Finite Math
- **MATH-20B** Basic Structure of Math II
- **MATH-10** or PSYC-05 Statistics
- **MATH-20A** Basic Structure of Math I
- **MATH-C** Intermediate Algebra
- **MATH-81** Beginning Algebra
- **MATH-B** Applied Math
- **MATH-80** Prealgebra
- **MATH-85** Career Technical Education Math
  
  Advisory: MATH-91
- **MATH-91** Decimals & Fractions
- **MATH-90** Arithmetic
ASSOCIATE DEGREE BREADTH REQUIREMENTS 2013-2014

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, 04A, 04B, 04C, 06, 08, 10, 15, 20A, 20B, 25, 26
PHIL-10, 12, 13, 13H
PSYC-05

**Area B - Natural Sciences**.................................................... (3-6 units total)
Courses in the natural sciences are those which examine the physical universe, its life forms, and its natural phenomena.

(For an A.A. degree, select one course from either area B1 or B2; for an A.S. Degree, select one course from each area.)

(B1) Physical Science................................................................. (3 units)
ARCH-01
ASTR-01, 01L
CHEM-02A, 02B, 04A, 04B
ELCT-30
GEOG-01
GEOI-01
PHSC-01, 01L
PHYS-02A, 02B, 04A, 04B, 04C, 10
SOIL-10

(B2) Life Science......................................................................... (3 units)
ANSC-10
ANTH-01
BIOL-01, 02, 04A, 04B, 06, 08, 09, 16, 18, 20
ENTC-30
PLSC-10
PSYC-15

**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
DART-40A, 40B, 41A, 41B, 41C
DRAM-01, 02, 02L, 03, 04, 04L, 12
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
JPN-01A, 01B, 02
MUS-01, 04A, 04B, 11, 12, 13, 14, 36A, 43A, 44, 45
PHIL-01, 01H, 03, 04, 05, 15
PHOT-10A, 11A
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)........................................................................................... (3 units)
AGBS-11
AGRI-10
ANTH-02, 10* CRIM-01
ECON-01A, 01B
GEOG-02
PSYC-01A, 01AH, 15, 25, 51
SOC-01, 02

(D2)........................................................................................... (3 units)
POSC-01, 02

**Area E - Lifelong Understanding and Self-Development**........ (5 units total)
Courses in lifelong understanding and self-development are those which equip human beings for lifelong learning by providing them with the skills necessary to function as independent adults in contemporary society and foster an understanding of themselves as integrated physiological and psychological entities. (Select one course from each area.)

(E1) Integrated Organism......................................................... (3 units)
AUTO-04
BUS-35
CLDV-01, 02, 09
CPSC-01
GUID-30, 48, 52
HLTH-10, 16
LAND-11
NUTR-10
PSYC-09, 22, 23, 35, 36

(E2) Activity............................................................................... (2 units)
ATHL-01A, 01B, 01G, 01J, 01L
KINE-01
PHED-01, 03, 10, 11, 12, 13, 15

*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.
Students must achieve competency in the areas of reading, writing, mathematics, and computer and information literacy through the following:

**Reading Competency**
Students must receive a grade of “C” or better in ENGL-01A or the equivalent.

**Writing Competency**
Students must receive a grade of “C” or better in ENGL-01A, or the equivalent.

**Math Competency**
Students must receive a grade of “C” or better in MATH-C or a grade of “C” or better in any course which has the prerequisite of Math C, or the equivalent.

Merced College instituted a competency in Computer and Information Literacy in fall 2000. To meet the competency required in Computer and Information Literacy, you must receive a grade of “C” or better in courses which meet each of the competency requirements A through G listed below.

A. Name and describe the typical digital computer components and their functions;
B. Describe common computer applications and related social and ethical problems/impact;
C. Learn fundamental operation and concepts of word processing, spreadsheet, and/or database software applications;
D. Understand the difference between information and knowledge;
E. Understand the links among information centers and the access points available through technology and reference sources;
F. Understand the basic structure of electronic databases and the strategies used to access them;
G. Recognize the different levels, types, and formats of information including but not limited to primary vs. secondary, and popular vs. scholarly.

The courses and programs listed in the following grid show the areas of competency they covered in a given catalog year. The catalog year in which the course or program is completed determines if a particular competency is met. Competencies met by a specific course or program may change on a yearly basis.

Students should check their completed course work against the competency grid and consult a counselor to identify any specific competency still required.

Computer and Information Literacy competencies catalog rights are determined by the grid listed in the current catalog. Courses are determined to meet the competencies based upon the catalog year in which the student completes the target course, not upon the catalog when the student began attending Merced College.
## COMPUTER AND INFORMATION LITERACY

**2013-2014**

Following are the areas of Computer and Information Literacy that various Merced College courses fulfill.

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<td>05-29-10 to 05-27-11</td>
<td>05-28-11 to 05-25-12</td>
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AP Examinations 2013-2014

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 to regardless of where the certifying CCC’s discipline is located.

1 If a student passes more than one AP exam in calculus or computer science, only one examination may be applied to the baccalaureate.
2 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.
3 Students seeking certification in GE Breadth prior to transfer must have passed the test before this date (Fall 2009 OR Fall 2010).
4 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.
5 AP Exams may be used in either area regardless of where the certifying CCC’s discipline is located. Example: US History at a CCC is approved for Area 3B. The US History AP may be used in Area 3B OR Area 4F.
6 While a score of 3 in English Language satisfies IGETC AREA 1A, some UC campuses or colleges, such as UC Berkeley College of Letters and Science, require AP score of 4 or 5 to meet the equivalent of a first semester Reading and Composition course requirement.
### ADVANCED PLACEMENT (AP) GRID
#### 2013-2014

<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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<tr>
<td>AP Art History</td>
<td>3</td>
<td>C1 or C2</td>
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<td>A1 + C (3)</td>
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<tr>
<td>AP Biology</td>
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<td>B2 + B3</td>
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<td>A2 (3)</td>
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<td>AP Calculus AB¹</td>
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<td>AP Calculus BC¹</td>
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<td>AP Chemistry</td>
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<td>AP Environmental Science ²</td>
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<td>AP European History</td>
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<td>C2 or D6</td>
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<td>AP French Language</td>
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<td>AP French Language</td>
<td>3</td>
<td>C2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP German Language</td>
<td>6</td>
<td>C2</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>AP German Language</td>
<td>3</td>
<td>C2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP Human Geography</td>
<td>3</td>
<td>D5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP Italian Language and Culture</td>
<td>3</td>
<td>C2</td>
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<tr>
<td>AP Japanese Language and Culture</td>
<td>3</td>
<td>C2</td>
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</tr>
<tr>
<td>AP Latin Language</td>
<td>3</td>
<td>C2</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>AP Latin: Vergil</td>
<td>3</td>
<td>C2</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>AP Macroeconomics</td>
<td>3</td>
<td>D2</td>
<td></td>
<td>B1 (4)</td>
<td></td>
</tr>
<tr>
<td>AP Microeconomics</td>
<td>3</td>
<td>D2</td>
<td></td>
<td>B1 (3)</td>
<td></td>
</tr>
<tr>
<td>AP Music Theory</td>
<td>3</td>
<td>C1</td>
<td></td>
<td></td>
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<tr>
<td>AP Physics B¹</td>
<td>6</td>
<td>B1 + B3</td>
<td></td>
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<tr>
<td>AP Physics C (electricity/magnetism)</td>
<td>4</td>
<td>B1 + B3</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>AP Physics C (mechanics)</td>
<td>4</td>
<td>B1 + B3</td>
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</tr>
<tr>
<td>AP Psychology</td>
<td>3</td>
<td>D9</td>
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<td>AP Spanish Literature</td>
<td>3</td>
<td>C2</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>AP Statistics</td>
<td>3</td>
<td>B4</td>
<td></td>
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<tr>
<td>AP Studio Art - 2D</td>
<td>0</td>
<td>n/a</td>
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<tr>
<td>AP Studio Art - 3D</td>
<td>0</td>
<td>n/a</td>
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<tr>
<td>AP Studio Art - Drawing</td>
<td>0</td>
<td>n/a</td>
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<tr>
<td>AP U.S. History</td>
<td>3</td>
<td>(C2 or D6) + US-1</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>AP World History</td>
<td>3</td>
<td>C2 or D6</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

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CSU information from Coded memo: AA-2011-12 (September 2011)
IGETC information from [www.universityofcalifornia.edu](http://www.universityofcalifornia.edu) (August 2011)
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, Diego State University, San Francisco State University, San Jose State University, California Polytechnic State University, San Luis Obispo, Sonoma State University, and CSU Stanislaus. Each CSU campus accepts certification of breadth requirements completed at Merced College.

2. The University of California (UC): UC Berkeley, UC Davis, UC Irvine, UC Los Angeles, UC Merced, UC Riverside, UC San Diego, UC San Francisco (medical school), UC Santa Barbara, and UC Santa Cruz. UC campuses support a "transfer core curriculum"; however, each UC campus may list particular breadth and major requirements. Refer to www.assist.org for articulation agreements.

3. The Independent or Private Colleges and Universities: Some examples of the over 100 in California include Brandman University, Stanford University, University of the Pacific, Fresno Pacific, and the University of Southern California. Each private college or university has its own unique requirements.

CALIFORNIA STATE UNIVERSITY (CSU)

Basic Information

Merced College courses numbered 1 - 49 have been designated baccalaureate level courses transferable to the CSU system. These courses will be accepted by any campus of the California State University system for credit toward its baccalaureate degrees.

In preparing for transfer to a CSU campus, you should follow two concurrent pathways to complete required course work:

1. The CSU General Education Breadth courses listed on the following page; and
2. Articulated lower division major preparation courses as designated by the particular CSU campus to which you plan to transfer. A Merced College counselor can assist you with course selection.

CSU Transfer Admission Requirements

The majority of transfer students enter as upper-division transfers. Students can qualify for admissions to the CSU system as an upper-division transfer if they have a minimum of 60 semester or 90 quarter units. Your overall grade point average must be at least 2.0 (2.40 for California nonresidents.) The GPA is calculated using all transfer units attempted.

Some transfers will enter as lower-division transfers. If, at the time you will enter the CSU, you have completed 59 or fewer semester or 89 or fewer quarter units you are a lower-division transfer. Some CSU campuses do not accept lower-division transfers, so be sure to check with the campus if you are considering transfer as a lower-division student.

CSU Transfer Breadth Curriculum

Merced College will certify completion of the General Education Breadth requirements in part, or in their entirety, if you are transferring to one of the 23 campuses of the California State University System.

Merced College will give full certification upon the satisfactory completion of 39 designated units. In addition, a minimum of nine upper division units must be taken as designated by the state university conferring the B.A./B.S. Degree. If the CSU campus requires more than 48 General Education/Breadth units, you will take the additional units after transfer.

To complete the CSU transfer breadth requirements, students must select courses that fulfill the unit requirements of specific areas. (Courses listed in these areas may change, depending upon CSU Chancellor’s Office approval.) The CSU transfer breadth requirements appear on the following page.

SB 1440

The Student Transfer Agreement Reform Act (SB 1440 – Padilla), signed into legislation on September 29, 2010, enables the California Community Colleges and California State University to collaborate on the creation of Associate in Arts Degree (AA) and Associate in Science (AS) Degree transfer programs. This new law requires community colleges to grant an associate degree for transfer to a student once a student has met specified general education and major requirements for the degree. Upon completion of the associate degree, the student is eligible for transfer with junior standing into the California State University (CSU) system.

Students are given guaranteed admission into the California State University (CSU) system, and further are given priority consideration when applying to a particular program that is similar to the student’s community college major. The law prohibits the CSU from requiring a transferring student to repeat courses similar to those taken at the community college that counted toward their associate degree for transfer. It is expected that community college students will be able to declare an interest in pursuing specific transfer AA/AS degrees. Currently, Merced College has four approved AA/AS-T Degrees: Administration of Justice, Communication Studies, Mathematics, and Psychology.

UNIVERSITY OF CALIFORNIA SYSTEM (UC)

Of the ten University of California campuses, nine welcome community college transfer students (UCSF is only a graduate level university). UC campuses support a "transfer core curriculum"; however, each of the ten campuses and the individual majors has unique requirements. Students planning to transfer to a UC campus should see a Merced College counselor as soon as possible in order to plan an appropriate program of study and work closely with the UC representative in the Career/Transfer Center.

PRIVATE COLLEGES AND UNIVERSITIES

There are approximately 112 independent or private schools in the State of California not supported by state tax revenues. They vary greatly in programs offered, size, and number of transfer students. Each school acts autonomously, evaluating course work on an individual basis. To obtain specific transfer information, contact the admissions office at the school to which you wish to transfer. A Merced College counselor can help you plan your transfer program.
**CLEP 2013-2014**

**COLLEGE LEVEL EXAMINATION PROGRAM**

CSU System-wide Credit for External Examinations as of May 10, 2010

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 Institutions² UNITS</th>
<th>Minimum CSU Semester Credits Earned³</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>Biology</td>
<td>BIOL-01 (B2)</td>
<td>50</td>
<td>4</td>
<td>B2 - 4 units</td>
<td>4</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>College Chemistry</td>
<td>CHEM-02A (B1)</td>
<td>50</td>
<td>4</td>
<td>B1 - 4 units</td>
<td>4</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>English Literature</td>
<td>ENGL-06A or ENGL-06B</td>
<td>50</td>
<td>3</td>
<td>C2 - 3 units</td>
<td>3</td>
</tr>
<tr>
<td>French Level I⁺</td>
<td>FREN-01 or FREN-02 (C)</td>
<td>50</td>
<td>6</td>
<td>N/A - 0 units</td>
<td>6</td>
</tr>
<tr>
<td>French Level II⁺</td>
<td>FREN-03 or FREN-04 (C)</td>
<td>59</td>
<td>6</td>
<td>C2 - 3 units</td>
<td>12</td>
</tr>
<tr>
<td>German Level I⁺</td>
<td>GERM-01 or GERM-02 (C)</td>
<td>50</td>
<td>6</td>
<td>N/A - 0 units</td>
<td>6</td>
</tr>
<tr>
<td>German Level II⁺</td>
<td>GERM-03 or GERM-04 (C)</td>
<td>60</td>
<td>12</td>
<td>C2 - 3 units</td>
<td>12</td>
</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</td>
<td>50</td>
<td>3</td>
<td>D6+US-1 - 3 Units</td>
<td>3</td>
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<tr>
<td>Human Growth and Development</td>
<td>PSYC-09 or CLDV-09 (E1)</td>
<td>50</td>
<td>3</td>
<td>E - 3 Units</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Humanities</td>
<td>HUM-01 or HUM-02 (C)</td>
<td>50</td>
<td>3</td>
<td>C2 - 3 Units</td>
<td>3</td>
</tr>
<tr>
<td>Introductory Business Law</td>
<td>BUS-18A (No GE area)</td>
<td>50</td>
<td>4</td>
<td>N/A - 0 units</td>
<td>3</td>
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<tr>
<td>Introduction to Psychology</td>
<td>PSYC-01A (D1)</td>
<td>50</td>
<td>3</td>
<td>D9 - 3 Units</td>
<td>3</td>
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<tr>
<td>Introduction to Sociology</td>
<td>SOC-01 (D1)</td>
<td>50</td>
<td>3</td>
<td>D0 - 3 Units</td>
<td>3</td>
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<tr>
<td>Pre-Calculus</td>
<td>MATH-02 (A2)</td>
<td>50</td>
<td>4</td>
<td>B4 - 3 units</td>
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<tr>
<td>Principles of Macroeconomics</td>
<td>ECON-01A (D1)</td>
<td>50</td>
<td>3</td>
<td>D2 - 3 Units</td>
<td>3</td>
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<tr>
<td>Principles of Management</td>
<td>MGMT-31 (No GE area)</td>
<td>50</td>
<td>3</td>
<td>N/A - 0 units</td>
<td>3</td>
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<tr>
<td>Principles of Marketing</td>
<td>MKTG-30 (No GE area)</td>
<td>50</td>
<td>3</td>
<td>N/A - 0 units</td>
<td>3</td>
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<tr>
<td>Principles of Microeconomics</td>
<td>ECON-01B (D1)</td>
<td>50</td>
<td>3</td>
<td>D2 - 3 Units</td>
<td>3</td>
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<tr>
<td>Spanish Level I⁺</td>
<td>SPAN-01 or SPAN-02 (C)</td>
<td>50</td>
<td>6</td>
<td>N/A - 0 units</td>
<td>6</td>
</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>
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<tr>
<td>Western Civilization I</td>
<td>HIST-04A (D2)</td>
<td>50</td>
<td>3</td>
<td>C2 or D6 - 3 Units</td>
<td>3</td>
</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>

¹If 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.

²Areas 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.

³These units count toward eligibility for admissions to the CSU. The units may not all apply toward certification of the corresponding GE-Breadth area. (CSU Executive Orders 1033 and 1036).
CSU GE BREADTH CERTIFICATION REQUIREMENTS 2013-2014

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 either area B1 or B2. (Lab courses are underlined):

B1 Physical Science [AP, IB & CLEP accepted]
ARCH-01
ASTR-01, 01L
CHEM-02A, 02B, 04A, 04B
GEOG-01, 01L
GEOL-01, 02
PHYS-02A, 02B, 04A, 04B, 04C, 10
SOIL-10

B2 Life Science [AP, IB & CLEP accepted]
ANTH-01
BIOL-01, 02, 04A, 04B, 06, 09, 16, 18, 20
PLSC-10
PSYC-15

B3 Laboratory Activity
A minimum of one lab course (underlined) from area B1 or B2

B4 Mathematics/Quantitative Reasoning [AP, IB & CLEP accepted]
MATH-02, 02H, 04A, 04B, 04C, 06, 08, 10, 15, 20A, 20B, 25, 26
PSYC-05

AREA C: Arts and Humanities
A minimum of 9 semester units are required with at least one course from each area:

C1 Arts (Art, Dance, Music, Theater) [AP & IB accepted]
ART-01, 02, 06, 12A, 15, 24A
DRAM-01, 08
ENGL-14, 15
MUS-01, 11, 12, 13, 14

C2 Humanities (Literature, Philosophy, and Foreign Language) [AP, IB & CLEP accepted]
ENGL-01B, 04A, 04B, 05, 06A, 06B, 07, 08, 10, 11, 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
PHIL-01, 01H, 03, 04, 05, 15
SPAN-01, 02, 03, 04, 10, 11

AREA D: Social Sciences
A minimum of 9 semester units are required with courses in at least two disciplines:

D0 Sociology and Criminology
CRIM-01
SOC-01

D1 Anthropology and Archaeology
ANTH-02, 10

D2 Economics [AP, IB & CLEP accepted]
AGBS-11
ECON-01A, 01B

D3 Ethnic Studies
HIST-22, 23
HUM-15

D5 Geography [AP & IB accepted]
GEOG-02

D6 History [AP, IB & CLEP accepted]

D7 Interdisciplinary Social or Behavioral Science
AGRI-10
CLDV-01, 02
COMM-30

D8 Political Science, Government, and Legal Institutions [AP & CLEP accepted]
POSC-01, 02

D9 Psychology [AP & IB accepted]
PSYC-01A, 01AH, 15, 20, 23, 25, 36

AREA E: Lifelong Understanding and Self-Development
A minimum of 3 units are required from the following:

E1 Integrated Organism [CLEP accepted]
CLDV-01, 02, CLDV-09/PSYC-09
GUID-30
HLTH-10, 16
NUTR-10
PSYC-22, 23, 09/CLDV-09

AREA F: Merced College Courses Designated to Meet CSU History, Constitution, and American Ideals [AP & CLEP accepted]

All state universities have a U.S. History and a Federal, State, and Local Government requirement. Six units may be counted toward Area D or C2, in addition to Area F. You may complete either sequence A or B to meet the CSU History and Government (F1 and F2) requirements. Major requirements at the CSU campus of your choice may affect the ability to complete either sequence A or B to meet the CSU History and Government (F1 and F2) to double count. See your counselor.

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.
Completion of the IGETC permits a student to transfer from Merced College to a campus in either the California State University or the University of California system without the need after transfer to take additional, lower division, general education courses to satisfy the campus GE requirements. IGETC is not recommended for majors that require extensive lower division preparation. Consult with your counselor. Students may also fulfill the general education requirements by completing the specific lower division breadth and general education requirements of the school or college of the campus to which the student intends to transfer. Students intending to transfer to the California State University System may also complete the requirement by fulfilling the CSU's general education requirement.

Completion of the IGETC will not satisfy the American Institutions requirement. Courses used to satisfy the American Institutions requirement may not be counted to satisfy either a Humanities or a Social and Behavioral Science requirement.

**AREA 1: English Communication**
- UC: Select one course from 1A & 1B.
- CSU: Select one course from 1A, 1B and 1C.

**Group A: English Composition [AP accepted]**
- ENGL-01A

**Group B: Critical Thinking**
- ENGL/PHIL-13*, 13H+

**Group C: Oral Communication (CSU REQUIREMENT ONLY)**
- COMM-01+, 01H+, 04

**AREA 2: Mathematical Concepts and Quantitative Reasoning [AP accepted]**
- (One course: 3 semester units)
  - MATH-02+, 04A+, 04B+, 04C+, 06, 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
- DRAM-08
- ENGL-14
- HUM-21
- MUS-01+, 11, 12, 13, 14

**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*
- HUM-01+, 01H+, 02+, 02H+, 10*
- HMNG-02*
- PHIL-01+, 01H+, 03, 04, 05, 15
- SPAN-02*, 03*, 04*, 10*, 11*

**AREA 4: Social & Behavioral Sciences [AP & IB accepted]**
- A minimum of three courses (9 semester units) is required from at least two disciplines

**4A. Anthropology and Archaeology**
- ANTH-02, 10

**4B. Economics**
- AGBS-11
- ECON-04A, 04B

**4C. Ethnic Studies**
- HIST-22+, 23+
- HUM-15*

**4E. Geography**
- GEOG-02

**4F. History**
- HIST-09A, 17A*, 17AH*, 17B*, 17H*, 22+, 23+

**4G. Interdisciplinary, Social & Behavioral Sciences**
- CLDV-01, 02
- COMM-30

**4H. Political Science & Government & Legal Institutions**
- POSC-01, 02

**4I. Psychology**
- PSYC-01A+, 01AH+, 15, 22, 23, 25, 36

**4J. Sociology & Criminology**
- SOC-01

**AREA 5: Physical & Biological Sciences**
- A minimum of two course (7-9 semester units) is required with at least one course from 5A and 5B. At least one course must be a lab course listed in “5C Laboratory”

**5A. Physical Science [AP & IB accepted]**
- ARCH-01
- ASTR-01
- CHEM-02A+, 02B+, 04A, 04B
- GEOG-01
- GEO-01, 02*
- HMNG-01+
- PHYS-02A+, 02B+, 04A, 04B+, 04C+, 10+
- SOIL-10

**5B. Biological Science [AP & IB accepted]**
- ANTH-01
- BIOL-01+, 02, 04A, 04B, 06, 16, 18, 20
- PLSC-10
- PSYC-15

**5C. Laboratory [AP & IB accepted]**
- ANTH-01
- ASTR-01L
- BIOL-01+, 02, 04A, 04B, 16, 18, 20
- CHEM-02A, 02B, 04A, 04B
- GEOG-01L
- GEO-01, 02
- HMNG-01L
- PHYS-02A, 02B, 04A, 04B, 04C
- PLSC-10
- SOIL-10

**AREA 6: Language Other Than English [AP & IB accepted]**
- 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
- JPNS-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

May 29, 2013
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:
*ANSC-12 & ANSC-15 combined: maximum credit, one course
*ANTH 30: No credit for ANTH-30 if taken after ANTH-01 or 02
*BIOI-01: No credit for BIOI-01 if taken after BIOI-04
○CHEM-02A and CHEM-02B combined: maximum credit, one course; no credit for -02A or-02B if taken after CHEM-04A
*ENGL-22 and LRNR-30 combined: maximum credit, one course
*ENGR-12 and ENGR-14 combined: maximum credit, one course
**FREN-01: corresponds to two years of high school study
**GERM-01: corresponds to two years of high school study
*HIST-21, 22, 23, 24: Any or all of these courses 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
*LAND-10A and 10B combined: maximum credit, one course
+MATH-02 and 26 combined: maximum credit, one course
*MATH-04A, 04B, 04C, 04D and 05A, 05B combined: maximum credit, one series
○MATH-12 and MATH-14 combined: maximum credit, one course
**MATH-20A, 20B, and 21 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 semester units
*PHSC-01: No credit for PHSC-01 if taken after a college level courses in Astronomy, Geology, or Physics
*PHYS-02A, 02B, 04A, 04B, 04C combined: maximum credit, one series; deduct credit for duplication of topics
+PHYS-10: No credit if taken after PHYS-02A or PHYS-04A
*SCSC-01: No credit if taken after a college level course in Anthropology, History, Political Science, Psychology, or Sociology
*SPAN-01 and 10 combined: maximum credit one course – corresponds to two years of high school study
○SPAN-02 and SPAN-11 combined: maximum credit, one course
+SPAN-39 must be taken for a minimum of 3 units to receive transfer credit
**SPMD-42 and SPMD-43 combined: maximum credit, one course
This agreement lists courses transferable for unit credit at all UC campuses. It is based on information from the 2010-11 catalog and is valid for the current academic year listed at the top of this agreement. Courses marked with "UC-" will satisfy the five areas of the 1998 transfer course requirements. (E = English, M = Math, H = Humanities, B = Behavioral and Social Sciences, S = Biological and Physical Sciences) Meet with your counselor to determine more specific transfer credit information.

<table>
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<tr>
<th>Course Code</th>
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<th>Description</th>
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March 27, 2013
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 Guidance Division 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.
Matriculation 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 matriculation services are the orientation, admission, assessment, counseling and advisement (including the educational study plan), and follow up and referral. Since the intent of these services is to increase your opportunity for success in your academic pursuits, you are strongly encouraged to become a matriculated student unless you meet the exemption criteria or formally refuse one or more service.

**MERCED COLLEGE RESPONSIBILITIES**

Within the State Matriculation Plan, Merced College provides an admissions process; an assessment of basic educational skills and career goals; pre-enrollment counseling/advising and course selection; an orientation to college programs, services, and procedures; 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 Matriculation Plan, 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 fewer than 15 units at Merced College, have completed the matriculation orientation, assessment process, and have met with a counselor; **OR** you have completed an educational study plan.

You are an exempted student if you have an AA/AS or higher degree or have completed CSU transfer-level English and math courses (and can provide documentation).

As an exempted student, you are not required to participate in any matriculation 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 three matriculation services. To begin the matriculation process, schedule an appointment at the appointment desk in the Administration Building lobby or call (209) 384-6000 (Los Baños students, call (209) 826-3495 for

- An Orientation;
- Assessment; and
- Counseling.

Note: Please identify any special needs accommodations required when you make any of the above appointments.

Following the orientation, you must:

- Submit the Application for Admission (completed at the matriculation orientation) at the Admissions and Records counter in the Lesher Student Services Center, obtain registration materials, and receive your student identification card (ID).
- Complete the English and Math assessments. **Your student ID card is required.** Retaking of 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 may not 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 counseling appointment.
- Register for classes, beginning May 19, 2008, 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.

**YOU HAVE A RIGHT TO REFUSE MATRICULATION SERVICES**

If you choose to do so, you must complete and sign a Matriculation Refusal Form. This form is available in Admissions, Counseling, and from the Matriculation Coordinator.

If you refuse the matriculation process you will not be able to register for classes until the last registration group.

Note: If you initially refuse services, you always have the opportunity to take advantage of the services at a later date.
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.
1. Participate in the orientation/advising process.
2. Complete the application for admission at www.cccapply.org
3. Register online for classes and pay fees.

Detailed information regarding this process is available online.
- Merced Campus - http://www.mccd.edu/students_new_returning.html
- Los Banos Campus - http://www.mccd.edu/off_campus/los_banos/orientation.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.

Información en español

Oportunidades Educativas
Fundada en 1962, El Colegio de Merced ofrece a los estudiantes la oportunidad de obtener un grado asociado o la transferencia de créditos académicos de 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.

Registracion en El Colegio Comunitario de Merced
La Oficina de Admisiones y Archivos es responsable por la admisión y asistencia en la registracion de todos estudiantes que califican para admission. Estudiantes prospectivos deben de seguir las directivas generales sobre admission y registracion:
- Participe en los procesos de admission y consejos.
- Cúmpla la aplicacion por admission a www.cccapply.org
- Regístrese en el internet por clases y el pago de matricula

Informacion detallada tocante estos procesos

Está disponible en el internet:
- El Colegio de Merced en Merced: http://www.mccd.edu/students_new_returning.html
- El Colegio de Merced en Los Banos: http://www.mccd.edu/off_campus/los_banos/orientation.html

Servicios Estudiantiles
Se ofrecen 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 bécas que ayudan con los gastos educacionales. Si necesita más información tocante todos estos servicios, contacte el Colegio Comunitario de Merced a: www.mccd.edu/services/index.html

Information in Hmong
Qhov Zoo Ntawm Kev Kawm Ntawv
Teubb tiium 1962, Merced College muaj kev kawm ntau yam rau cov tub ntxhais kawn ntauv xam muaj ib daim Associate in Arts (AA) los yog Associate in Science (AS) degree, lossis xav tshais mus kawn ntxiv rau University of California (UC), California State University (CSU). Merced College muaj ntau houm certificates rau ntau yam bxj uaj hauj lwmm, thiab pab cov pejxeem nyob cheeb tsam hauv lub nroog.

Kev Tuaj Kawm rau Merced College
Txhua leej tub ntxhais kawn ntauv yuav tsum muaj ib daim high school diploma los yog ib daim ntauv ntauv ntauv qua ntauv, lossis muaj hnub nyoog 18 xyoo rauv saud thiab muaj peevxwm to taub bxog txoj kev cob qhia los ntauw tsoom xibfwb.

Sau Npe Kawm Ntawv nyob Merced College
Qhov chaw ua hauj lwmm Office of Admissions and Records (A&R) lub luag hauj lwmm yog pab thiab txais cov tub ntxhais kawn ntauv uas muaj feemcuam raws cai tuaj kawn. Cov xav tuaj kawn ntauv yuav tau uas raws cov txheejtxheem txais tos thiab sau npe kawn ntauv.
Tuaj koom lub rooj qhia txog txheejtxheem kev sau npe kawn ntauv (orientation)/kev sab laj (advising).
Sau thiab teb raws daim ntauv application for admission hauv www.cccapply.org
Sau thiab zwmm online kom tau cov chav kawn thiab cov nqi.

Yog xav tau ntau txheej xov information ntxiv, tshawb tau hauv online.
Tsev Kawm Merced Campus - http://www.mccd.edu/students_new_returning.html
Tsev Kawm Los Banos Campus - http://www.mccd.edu/off_campus/los_banos/orientation.html

Kev Pab Tub Ntxhais Kawm Ntawv
Peb muaj kev tuav xam pab cov tub ntxhais kawn ntauv los xav xhia yam bxj uaj lwmm xav kawn ntauv kev txhaw nqa thiab qhia laww mus rau lwmm qhov chaw pab. Muaj kev pab nyiaj ua nqi kawn ntauv, Financial Aid, rau cov tub ntxhais kawn ntauv kws muaj feemcuam tau. Muaj ntau hom nyiaj tseemfwv thiab/
lossis nyiaj paj tshawb los pab them tej nqi kawm ntawy thiab. Yog xav tau xov ntxiv bxo ng tev kej pab nov, nej tshawb ntxiv tau rau 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.

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 address: https://skydrive.live.com/view.aspx?cid=5EE3D05E952DCF60&resid=5EE3D05E952DCF60%211223

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
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.

Description
The policy applies to all aspects of employment and the academic environment, including but not limited to classroom conditions, grades, academic standing, employment opportunities, scholarships, recommendations, disciplinary actions, and participation in any community college activity.

All District employees who violate this policy may be subject to disciplinary action up to and including termination in accordance with applicable college procedures, Education Code sections, and/or collective bargaining agreements. Students who violate this policy may be subject to disciplinary measures up to and including expulsion in accordance with District policies and college procedures. Non-employees, such as sales representatives or service vendors are also covered by this policy and may be subject to corrective measures.

The District is concerned about the rights of the accused as well as the accuser and shall afford due process rights accordingly.

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 regardless of 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 insuring that other policies and procedures developed related to sexual harassment support this policy.

Retaliation
It is unlawful to retaliate against an employee or student who makes a complaint of sexual harassment, who communicates with or contacts District compliance officer(s) or regulatory agencies, or who is a potential witness or participates in any manner in a sexual harassment investigation, hearing, or proceeding.
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, 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
Family - Educational - Rights and Privacy Act (FERPA)
HHS - Office for Human Research Protections

Student Right-to-Know Disclosure
Completion Rate: 16.10%
Transfer Rate: 8.62%
(From 2008 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 2008, 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 2008 to Spring 2011. 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 2009 to Spring 2011, 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 Unites 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: Dr. Everett Lovelace, Dean of Student Services
E-mail: everett.lovelace@mccd.edu
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.

SECCION 504 DEL ACTO DE REHABILITACION DE 1973

Seccion 504 es parte de la Ley Federal de Rehabilitacion de 1973. Otros leyes incluyen El Titulo VI de la Ley de Derechos Civiles de 1964, Titulo IX de las Enmiendas de Educacion de 1972, y la ley Americana con Discapacidades. Los Estados Unidos proporciona acceso a programas y fisicamente para personas que tienen discapacidades y estan calificados sin embargo a recibir y participar en el colegio en modos diferentes por acomodaciones educacionales. Además, la ley estipula: No se permite exclusion de cualquier persona quien tiene discapacidades de actividades del colegio solamente por razon de tener discapacidades. Además, la ley prohíbe no recibir beneficios, discriminacion y exclusion de participacion en cualquier programa o actividad que recibe asistencia financiera del gobierno federal. Ademá, cuando agencias publicas proporcionan ayuda, beneficios, o servicios, las mismas agencias tienen discapacidades la responsabilidad legal a proporcionar oportunidades a individuales con en temas de participacion en actividades que a lo menos son de misma eficazmiénto a las ofrecidos a personas quienes no tienen discapacidades . Para mas informacion, contacte:

Dr. Everett Lovelace, MCCD 504 Coordinator, Seccion 504
E-Mail: everett.lovelace@mccd.edu
Telefono: (209) 384-6192

Pasos de someter una reclamacion: obtenga una forma de Dr. Lovelace o la secreteria de él.

TSHOOJ CAI 504 NTAWM TXOJ CAI REHABILITACION XYOO 1973

Tshooj caij 504 yog hais txog “Cai Muaj Feemcuam.” Nws qhib kev rau cov tub ntxhais kawm ntaww kws muaj disabilities kom muaj feemcuam koom tau. Txooj caij hais tias: “Tsis pub tshem cais ib leej neeg twg haub teb chaws Amelia…vim kev disability, taww ntaww kev muaj feemcuam, cais kev pab, lossis cais bxw bxhua lub luag deejnum uas tua baiis tseemfwv kev pab nyiaj txiag.” Thaum muab kev pab, kev thxawb lossis kev qhia, tseemfwv cov koomhaum yuav tua 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 yog:  Dr. Everett Lovelace  
E-mail: everett.lovelace@mccd.edu  
Xovtooj: (209) 384-6192  
Chaw Nyob: Merced College; 3600 M Street; Merced, CA 95348

Nej tuaj muab tau cov txheejtxheem teev kev tsis txaus siab ntawm cov neeg muaj npe raws li saum nov.

Title IX

The College’s Title IX coordinator is the Human Resources Director and can be reached at (209) 384-6102. Inquires concerning the application of Title IX, which prohibits sex discrimination may be referred to the Title IX coordinator, or to the Office for Civil Rights, U.S. Department of Education, 221 Main Street, San Francisco, CA 95105, (800) 872-5327 (voice) or (415) 437-7786 (TDD).

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, 221 Main Street, San Francisco, CA 95105, (800) 872-5327 (voz) o al (415) 437-7786 (TDD).

Tus Ceev lub luag Title IX hauv Tsev Kawm Ntawv yog Human Resources Supervisor, (209) 384-6102. Yog xav paub txog lub luag Title IX, uas txwv tsis pub cais poj niam los yog txv neej, hu tuaj tau rau Tus Ceev lub luag Title IX, los yog lub Hoobkas ntawm Pejxeem Cov Cai, U.S. Department of Education, 221 Main Street, San Francisco, CA 95105, (800) 872-5327 (ua suab) los yog (415) 437-7786 (TDD).
# SPRING 2014 FINALS SCHEDULE

**Table Format**

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FINAL EXAM TIME</strong></td>
<td><strong>Monday</strong> May 19, 2014</td>
<td><strong>Tuesday</strong> May 20, 2014</td>
<td><strong>Wednesday</strong> May 21, 2014</td>
<td><strong>Thursday</strong> May 22, 2014</td>
<td><strong>Friday</strong> May 23, 2014</td>
</tr>
<tr>
<td>07:00a–08:50a</td>
<td>DAILY 07:00a–07:50a</td>
<td>MTWTh 07:00a–07:50a</td>
<td>TTh 07:00a–08:50a</td>
<td>Th only 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>Th only 08:55a–10:50a</td>
<td>Th only 08:55a–10:50a</td>
<td>F only 08:55a–10:50a</td>
<td>MTWF 08:55a–09:50a</td>
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<tr>
<td>09:00a–10:50a</td>
<td>DAILY 10:55a–11:50a</td>
<td>MTWF 10:55a–11:50a</td>
<td>Th only 10:55a–12:50p</td>
<td>Th only 10:55a–12:50p</td>
<td>MTWF 10:55a–12:50p</td>
</tr>
<tr>
<td>01:00p–02:50p</td>
<td>DAILY 05:55p or later</td>
<td>MTWF 05:55p or later</td>
<td>Th only CONFLICTS</td>
<td>06:55p or later</td>
<td>F only 06:55p or later</td>
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<tr>
<td>02:00p–03:50p</td>
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**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 22, 2014, from 01:00p–08:50p, or Friday, May 23, 2014 from 05:00p–08:50p.
   However, the Interim Vice President of Instruction, Dr. Kister, must be notified to reserve available classrooms.
5. Saturday classes will have their final exam during normal class meetings on Saturday, May 17, 2014.
6. Lab finals will be given the previous week during the regular lab period.
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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<th>INSTRUCTOR</th>
<th>ROOM</th>
<th>UNITS</th>
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106 • INFORMATION •