# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>REGISTRATION INFORMATION</td>
<td>2</td>
</tr>
<tr>
<td>ONLINE REGISTRATION</td>
<td>3</td>
</tr>
<tr>
<td>REGISTRATION GROUP DATES</td>
<td>4</td>
</tr>
<tr>
<td>SPRING 2016 FEES</td>
<td>5</td>
</tr>
<tr>
<td>SPRING 2016 BUSINESS HOURS</td>
<td>5</td>
</tr>
<tr>
<td>SPRING 2016 CALENDAR AND IMPORTANT DATES</td>
<td>6</td>
</tr>
<tr>
<td>SPRING 2016 CLASSES</td>
<td>8</td>
</tr>
<tr>
<td>HONORS CLASSES</td>
<td>54</td>
</tr>
<tr>
<td>PUENTE LEARNING PROJECT</td>
<td>55</td>
</tr>
<tr>
<td>LEARNING COMMUNITIES</td>
<td>56</td>
</tr>
<tr>
<td>OFF CAMPUS CLASSES</td>
<td>56</td>
</tr>
<tr>
<td>DELI</td>
<td>56</td>
</tr>
<tr>
<td>DOS PALOS</td>
<td>56</td>
</tr>
<tr>
<td>LIVINGSTON</td>
<td>57</td>
</tr>
<tr>
<td>MARIPOSA</td>
<td>57</td>
</tr>
<tr>
<td>ONLINE AND HYBRID INSTRUCTION</td>
<td>58</td>
</tr>
<tr>
<td>ONLINE AND HYBRID CLASSES</td>
<td>59</td>
</tr>
<tr>
<td>SUPPLEMENTARY INSTRUCTION</td>
<td>76</td>
</tr>
<tr>
<td>LOS BANOS CAMPUS</td>
<td>76</td>
</tr>
<tr>
<td>LOS BANOS CLASSES</td>
<td>76</td>
</tr>
<tr>
<td>SERVICES FOR STUDENTS</td>
<td>85</td>
</tr>
<tr>
<td>Academic Counseling</td>
<td>85</td>
</tr>
<tr>
<td>Automatic Teller</td>
<td>85</td>
</tr>
<tr>
<td>Bookstore</td>
<td>85</td>
</tr>
<tr>
<td>Campus Dining</td>
<td>85</td>
</tr>
<tr>
<td>California Mini Corps</td>
<td>85</td>
</tr>
<tr>
<td>Calworks program</td>
<td>85</td>
</tr>
<tr>
<td>Career/Transfer Center Services</td>
<td>85</td>
</tr>
<tr>
<td>Cooperative Education</td>
<td>85</td>
</tr>
<tr>
<td>E-mail for students</td>
<td>86</td>
</tr>
<tr>
<td>Extended Opportunity Programs &amp; Services/CARE Programs</td>
<td>86</td>
</tr>
<tr>
<td>Financial Aid</td>
<td>86</td>
</tr>
<tr>
<td>Grades</td>
<td>86</td>
</tr>
<tr>
<td>Help Desk</td>
<td>86</td>
</tr>
<tr>
<td>International Students Services</td>
<td>86</td>
</tr>
<tr>
<td>Job Opportunity Services</td>
<td>86</td>
</tr>
<tr>
<td>Library, Merced</td>
<td>86</td>
</tr>
<tr>
<td>Library, Los Banos</td>
<td>86</td>
</tr>
<tr>
<td>Parking</td>
<td>86</td>
</tr>
<tr>
<td>Personal Counseling</td>
<td>87</td>
</tr>
<tr>
<td>Student Health Services</td>
<td>87</td>
</tr>
<tr>
<td>Veterans Resource Center</td>
<td>87</td>
</tr>
<tr>
<td>Instruction Labs</td>
<td>87</td>
</tr>
<tr>
<td>ESL AND PRE-COLLEGE ENGLISH SEQUENCE 2015-2016</td>
<td>88</td>
</tr>
<tr>
<td>MATHEMATICS SEQUENCE 2015-2016</td>
<td>89</td>
</tr>
<tr>
<td>BUSINESS AND COMMUNITY PROGRAMS</td>
<td>90</td>
</tr>
<tr>
<td>ASSOCIATE DEGREE BREADTH REQUIREMENTS</td>
<td>91</td>
</tr>
<tr>
<td>COMPETENCY REQUIREMENTS</td>
<td>92</td>
</tr>
<tr>
<td>COMPUTER AND INFORMATION LITERACY</td>
<td>93</td>
</tr>
<tr>
<td>AP EXAMINATIONS</td>
<td>94</td>
</tr>
<tr>
<td>TRANSFER REQUIREMENTS</td>
<td>96</td>
</tr>
<tr>
<td>California State University (CSU)</td>
<td>96</td>
</tr>
<tr>
<td>University of California System (UC)</td>
<td>96</td>
</tr>
<tr>
<td>Private Colleges and Universities</td>
<td>96</td>
</tr>
<tr>
<td>CLEP</td>
<td>97</td>
</tr>
<tr>
<td>CSU-GE BREADTH CERTIFICATION REQUIREMENTS</td>
<td>98</td>
</tr>
<tr>
<td>IGETC</td>
<td>99</td>
</tr>
<tr>
<td>UC TCA</td>
<td>100</td>
</tr>
<tr>
<td>Prerequisite, Corequisite, Limitation on Enrollment and Advisory Defined</td>
<td>102</td>
</tr>
<tr>
<td>Student Success and Support Program Guide to Student Registration</td>
<td>105</td>
</tr>
<tr>
<td>COLLEGE POLICIES, REGULATIONS AND PROCEDURES</td>
<td>106</td>
</tr>
<tr>
<td>Academic Freedom</td>
<td>107</td>
</tr>
<tr>
<td>Conduct</td>
<td>107</td>
</tr>
<tr>
<td>Copyrighted Materials, Including Music, Video and Printed Materials</td>
<td>107</td>
</tr>
<tr>
<td>Sexual Harassment</td>
<td>108</td>
</tr>
<tr>
<td>Campus Sexual Violence Elimination (SaVE) Act</td>
<td>108</td>
</tr>
<tr>
<td>Statement of Informed Consent</td>
<td>109</td>
</tr>
<tr>
<td>Student Right-to-Know Disclosure</td>
<td>109</td>
</tr>
<tr>
<td>MERCED CAMPUS MAP</td>
<td>114</td>
</tr>
<tr>
<td>LOS BANOS CAMPUS MAP</td>
<td>115</td>
</tr>
<tr>
<td>SPRING 2016 FINALS SCHEDULE</td>
<td>111</td>
</tr>
</tbody>
</table>

## FREQUENTLY REQUESTED PHONE NUMBERS

### MERCED CAMPUS

<table>
<thead>
<tr>
<th>Department</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Merced College Switchboard</td>
<td>384-6000</td>
</tr>
<tr>
<td>Admissions and Records</td>
<td>384-6187</td>
</tr>
<tr>
<td>Agriculture</td>
<td>384-6250</td>
</tr>
<tr>
<td>Allied Health</td>
<td>384-6371</td>
</tr>
<tr>
<td>Arts</td>
<td>386-6644</td>
</tr>
<tr>
<td>Bookstore</td>
<td>384-6280</td>
</tr>
<tr>
<td>Bookstore Annex</td>
<td>386-6758</td>
</tr>
<tr>
<td>Bookstore Online Pick-up Center</td>
<td>384-6326</td>
</tr>
<tr>
<td>Business</td>
<td>384-8120</td>
</tr>
<tr>
<td>CallWORKS Program</td>
<td>381-6515</td>
</tr>
<tr>
<td>Child Care</td>
<td>384-6245</td>
</tr>
<tr>
<td>Community Services</td>
<td>384-6224</td>
</tr>
<tr>
<td>Continuing Education (Non-credit Program)</td>
<td>381-6540</td>
</tr>
<tr>
<td>Counseling</td>
<td>381-6478</td>
</tr>
<tr>
<td>Disabled Students Program &amp; Services (DSP&amp;S) (voice)</td>
<td>384-6155</td>
</tr>
<tr>
<td>Disabled Students Program &amp; Services (T.D.D.)</td>
<td>384-6311</td>
</tr>
<tr>
<td>EOPS</td>
<td>381-6596</td>
</tr>
<tr>
<td>Financial Aid</td>
<td>384-6031</td>
</tr>
<tr>
<td>Humanities</td>
<td>384-6150</td>
</tr>
<tr>
<td>Industrial Technology</td>
<td>384-6250</td>
</tr>
<tr>
<td>Library</td>
<td>384-6080</td>
</tr>
<tr>
<td>Life Fitness and Health</td>
<td>384-6021</td>
</tr>
<tr>
<td>Los Banos Campus</td>
<td>826-3495 or 381-6411</td>
</tr>
<tr>
<td>Police</td>
<td>384-6054</td>
</tr>
<tr>
<td>Science, Math and Engineering</td>
<td>384-6233</td>
</tr>
<tr>
<td>Social Science</td>
<td>384-6073</td>
</tr>
<tr>
<td>Student Help Desk*</td>
<td>381-6565</td>
</tr>
<tr>
<td>Student Fees Office</td>
<td>384-6219 or 384-6216</td>
</tr>
<tr>
<td>Student Success Office</td>
<td>384-6177</td>
</tr>
<tr>
<td>Tri-College Center</td>
<td>381-6545</td>
</tr>
<tr>
<td>Tutorial Center</td>
<td>384-6329</td>
</tr>
<tr>
<td>Veterans’ Resource Center</td>
<td>384-6118</td>
</tr>
</tbody>
</table>

### LOS BANOS CAMPUS

<table>
<thead>
<tr>
<th>Department</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Los Banos Campus Switchboard</td>
<td>826-3495 or 381-6411</td>
</tr>
<tr>
<td>Bookstore</td>
<td>381-6424</td>
</tr>
<tr>
<td>Bookstore Annex</td>
<td>381-6429</td>
</tr>
<tr>
<td>Bookstore Online Pick-up Center</td>
<td>381-6421</td>
</tr>
<tr>
<td>CallWORKS Program</td>
<td>381-6421</td>
</tr>
<tr>
<td>Computer Lab</td>
<td>381-6412</td>
</tr>
<tr>
<td>Continuing Education (Non-credit Program)</td>
<td>381-6419</td>
</tr>
<tr>
<td>Counseling</td>
<td>381-6411</td>
</tr>
<tr>
<td>EOPS</td>
<td>381-6521</td>
</tr>
<tr>
<td>Financial Aid</td>
<td>381-6435</td>
</tr>
<tr>
<td>Library</td>
<td>381-6427</td>
</tr>
<tr>
<td>Police</td>
<td>381-6425</td>
</tr>
<tr>
<td>Student Fees Office</td>
<td>381-6419</td>
</tr>
<tr>
<td>Student Help Desk*</td>
<td>381-6565</td>
</tr>
<tr>
<td>Veterans’ Services</td>
<td>826-3495 or 381-6411</td>
</tr>
</tbody>
</table>

*For technical assistance using online resources. Also refer to page 58 of this class schedule.*
# REGISTRATION INFORMATION

New (including graduating high school seniors in their Fall 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) New and Returning Students</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A) Application</td>
<td>At <a href="http://www.mccd.edu">www.mccd.edu</a> click on New and Returning Students. Click on online application under step 1.</td>
<td>Come to the Lesher Student Services Building, Room 102, during an Open Lab session. To view a schedule of Open Labs, go to <a href="http://www.mccd.edu">www.mccd.edu</a> and click on New and Returning Students. Click on calendar links. Los Banos Students: LB Student Services Building A</td>
<td>New &amp; Returning students</td>
</tr>
<tr>
<td>B) Orientation</td>
<td>Complete online orientation at <a href="http://www.mccd.edu">www.mccd.edu</a> and click on New and Returning Students.</td>
<td>You may complete orientation on campus during the Open Lab session.</td>
<td>New &amp; Returning students</td>
</tr>
<tr>
<td>C) Set up MC4me Student portal account</td>
<td>At <a href="http://www.mccd.edu">www.mccd.edu</a>, click on New and Returning Students. Scroll to step 2 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>You may set up your student portal account when you come to campus for an Open Lab Session.</td>
<td>New &amp; Returning students</td>
</tr>
<tr>
<td>D) Obtain ID card</td>
<td>Available at the Admissions and Records Office on the 2nd floor of the Lesher Student Services Center. Allow one hour after submitting your application. Los Banos Students: LB Student Services Building A (Picture ID required).</td>
<td>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.</td>
<td>New &amp; Returning students who do not have a yellow Merced College ID card</td>
</tr>
<tr>
<td>E) Assessment</td>
<td>On campus at the Lesher Student Services Center, 1st Floor Room 102 (Merced College ID card required) during Assessment times only. No appointments. First come, first served. To view schedule of Assessment times, go to <a href="http://www.mccd.edu">www.mccd.edu</a> and click on New and Returning Students. Then click on calendar links. Or Los Banos Campus, Building A-Room A119 for assessment testing schedule 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> To prepare for the test, go to <a href="http://www.mccd.edu">www.mccd.edu</a> and click on New and Returning Students. Scroll to step 3 for links to downloadable resources.</td>
<td></td>
<td>New &amp; Returning students</td>
</tr>
<tr>
<td>F) New Student Planning Session</td>
<td>At <a href="http://www.mccd.edu">www.mccd.edu</a> click on New and Returning Students. Click on link under step 4 for Merced or Los Banos Campus appointments.</td>
<td>Call Merced College at (209) 384-6000-select option 8. Call Los Banos at (209) 826-3495 or 301-6411.</td>
<td>New &amp; Returning students</td>
</tr>
<tr>
<td><strong>2) 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 Banos Campus, Building A Student Services window.</td>
<td>All students</td>
</tr>
<tr>
<td><strong>3) 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 Banos Campus, Student Services window.</td>
<td>All registered students</td>
</tr>
</tbody>
</table>

**IMPORTANT ALERT!**

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

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

For all students your priority registration window typically begins on a Monday or a Wednesday. You may take advantage of this start date by accessing WebAdvisor 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 complete the Student Success and Support Program (SSSP) process prior to any enrollment at Merced College. SSSP includes application, orientation, assessment and a counselor appointment to begin educational planning. To see information about SSSP, go to http://www.mccd.edu/ar/students_new_returning.html. Students may register for classes after completing these steps. New and former students will be issued a Merced College student e-mail account and WebAdvisor sign on access within one business day of applying to Merced College.

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

STUDENT PRINT SERVICE

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

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

All students are required to complete the steps for matriculation prior to any enrollment at Merced College. To see information about matriculation, go to [http://www.mccd.edu/ar/students_new_returning.html](http://www.mccd.edu/ar/students_new_returning.html). Students may register for classes after completing these steps.

| GROUP 1 | Registration begins | Wednesday, October 14, 2015 | Students who are qualifying Foster Youth OR Students who are qualifying Veterans and students who are receiving services from EOPS, DSP&S and CalWORKs and who  
- have completed orientation, assessment, and developed a student education plan at Merced College  
- have completed less than 100 degree applicable units at Merced College prior to Fall 2015 semester  
- do not have 2 or more continuous semesters of probation at Merced College immediately prior to Fall 2015 semester |
| --- | --- | --- | --- |
| GROUP 2 | Registration begins | Monday, October 19, 2015 | Continuing students with a GPA of 3.5 or better who have completed at least 30 units at Merced College prior to Fall 2015 semester and who  
- have completed orientation, assessment, and developed a student education plan  
- have completed less than 100 degree applicable units at Merced College prior to Fall 2015 semester  
- do not have 2 or more continuous semesters of probation at Merced College immediately prior to Fall 2015 semester |
| GROUP 3 | Registration begins | Wednesday, October 21, 2015 | All other continuing students who have completed at least 30 units at Merced College prior to the Fall 2015 semester and who  
- have completed orientation, assessment, and developed a student education plan  
- have completed less than 100 degree applicable units at Merced College prior to Fall 2015 semester  
- do not have 2 or more continuous semesters of probation at Merced College immediately prior to Fall 2015 semester |
| GROUP 4 | Registration begins | Monday, October 26, 2015 | Continuing students with a GPA of 3.5 or better and continuing Athletes who have completed less than 30 units at Merced College prior to the Fall 2015 semester and who  
- have completed orientation, assessment, and developed a student education plan  
- have completed less than 100 degree applicable units at Merced College prior to Fall 2015 semester  
- do not have 2 or more continuous semesters of probation at Merced College immediately prior to Fall 2015 semester |
| GROUP 5 | Registration begins | Wednesday, October 28, 2015 | All other continuing students who have completed less than 30 units at Merced College prior to the Fall 2015 semester and who  
- have completed orientation, assessment, and developed a student education plan  
- have completed less than 100 degree applicable units at Merced College prior to Fall 2015 semester  
- do not have 2 or more continuous semesters of probation at Merced College immediately prior to Fall 2015 semester |
| GROUP 6 | Registration begins | Monday, November 2, 2015 | First time Athletes who have completed orientation, assessment, and developed a Student education plan |
| GROUP 7 | Registration begins | Wednesday, November 4, 2015 | New and Returning students who have completed orientation, assessment and developed an abbreviated student education plan OR Students with Bachelor degree or higher, and any continuing students who have completed 100 or more degree applicable units or have 2 or more continuous semesters of probation at Merced College immediately prior to Fall 2015 |
| GROUP 8 | Registration begins | Monday, November 9, 2015 | Special Admit Students (K-12) (Walk up registration only) |
SPRING 2016 FEES

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 Banos 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.

<table>
<thead>
<tr>
<th>Fee Type</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enrollment Fee</td>
<td>$46 per unit</td>
</tr>
<tr>
<td>Health Fee*</td>
<td>$17.00</td>
</tr>
<tr>
<td>Student Body Fee</td>
<td>$10.00</td>
</tr>
<tr>
<td>Student Rep Fee**</td>
<td>$1.00</td>
</tr>
<tr>
<td>Parking Fee</td>
<td>auto $20.00; or $1.00 per day</td>
</tr>
<tr>
<td>Non-Resident Tuition</td>
<td>$208 per unit, plus enrollment fee</td>
</tr>
</tbody>
</table>

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

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

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

SPRING 2016 BUSINESS HOURS

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

LOS BANOS CAMPUS  22240 Highway 152; Los Banos, CA  93635  (209) 826-3495 or (209) 381-6411

<table>
<thead>
<tr>
<th>MERCED COLLEGE STUDENT SERVICES &amp; COUNSELING</th>
</tr>
</thead>
<tbody>
<tr>
<td>MERCED CAMPUS AND LOS BANOS CAMPUS</td>
</tr>
<tr>
<td>Hours are subject to change</td>
</tr>
<tr>
<td>JANUARY 19, 2016 - MAY 27, 2016</td>
</tr>
<tr>
<td>Monday, Tuesday, Thursday, Friday.............. 08:00a-04:30p</td>
</tr>
<tr>
<td>Wednesday........................................... 08:00a-07:00p</td>
</tr>
<tr>
<td>SPRING 2016 EXCEPTIONS:</td>
</tr>
<tr>
<td>JANUARY 6-7, 2016</td>
</tr>
<tr>
<td>Wednesday, Thursday ............................... 08:00a-07:00p</td>
</tr>
<tr>
<td>JANUARY 11-14, 2016</td>
</tr>
<tr>
<td>Tuesday, Wednesday, Thursday ..................... 08:00a-07:00p</td>
</tr>
<tr>
<td>JANUARY 25 - APRIL 7, 2016</td>
</tr>
<tr>
<td>Daily (no Wednesday nights) ....................... 08:00a-04:30p</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MERCED COLLEGE STUDENT FEES</th>
</tr>
</thead>
<tbody>
<tr>
<td>MERCED CAMPUS AND LOS BANOS CAMPUS</td>
</tr>
<tr>
<td>Hours are subject to change</td>
</tr>
<tr>
<td>JANUARY 19, 2016 - MAY 27, 2016</td>
</tr>
<tr>
<td>Monday, Tuesday, Thursday, Friday.............. 08:00a-04:00p</td>
</tr>
<tr>
<td>Wednesday........................................... 08:00a-06:30p</td>
</tr>
<tr>
<td>SPRING 2016 EXCEPTIONS:</td>
</tr>
<tr>
<td>JANUARY 6-7, 2016</td>
</tr>
<tr>
<td>Wednesday, Thursday ............................... 08:00a-06:30p</td>
</tr>
<tr>
<td>JANUARY 11-14, 2016</td>
</tr>
<tr>
<td>Monday, Tuesday, Wednesday, Thursday .......... 08:00a-06:30p</td>
</tr>
<tr>
<td>JANUARY 25 - APRIL 7, 2016</td>
</tr>
<tr>
<td>Daily (no Wednesday nights) ....................... 08:00a-04:00p</td>
</tr>
</tbody>
</table>
### SPRING 2016 CALENDAR and IMPORTANT DATES

#### JANUARY 2016
- **NEW YEAR'S DAY, JAN 1**
- **SPRING SEMESTER BEGINS, JAN 14**
- **MLK DAY, JAN 18**
- **SPRING 2016 INSTRUCTION BEGINS, JAN 19**

#### FEBRUARY 2016
- **CENSUS DAY, FEB 8**
- **NO CLASSES, FEB 11**
- **LINCOLN'S DAY, FEB 12**
- **NO SATURDAY CLASSES, FEB 13**
- **WASHINGTON'S DAY, FEB 15**

#### MARCH 2016
- **MID-SESSION BEGINS, MARCH 21**
- **SPRING BREAK, MARCH 25**
- **NO CLASSES, MARCH 26-APRIL 1**

#### APRIL 2016
- **SPRING BREAK, MARCH 25**
- **NO CLASSES, MARCH 26-APRIL 1**

#### MAY 2016
- **FINALS, MAY 23-27**
- **END OF SEMESTER, MAY 27**
- **GRADUATION, MAY 27**

#### JUNE 2016
- **SUMMER 2016 SESSION, JUNE 6-JULY 14**
- **CENSUS DAY (6-WEEK SESSION), JUNE 13**

Calendar dates are subject to revision.

### Important Dates

- **Spring 2016 Semester Registration Begins**: October 14, 2015
- **Martin Luther King’s Day Holiday**: January 18, 2016
- **Spring Semester Instruction Begins**: January 19, 2016
- **Adds Require Instructor’s Signature (18-week Classes)**: January 19, 2016
- **Graduation and Certificate of Completion Applications Accepted**: February 1 - March 31, 2016
- **Lincoln’s Day Holiday**: February 12, 2016
- **Last Chance to Drop With No Entry on Transcripts (18-week Classes)**: February 5, 2016 in person; February 7, 2016 online
- **President's Day Holiday**: February 15, 2016
- **Pass/No Pass Option Deadline**: February 19, 2016
- **Spring Mid-session Begins**: March 21, 2016
- **Scholarship Application Deadline**: March 31, 2016
- **Spring Break – campus closed**: March 25, 2016
- **Spring Break**: March 28 - April 1, 2016
- **Last Chance to Drop with a “W” (18-week Classes)**: April 22, 2016 in person; April 24, 2016 online
- **Spring Semester Ends/Graduation**: May 27, 2016
- **Memorial Day - campus closed**: May 30, 2016

Calendar dates are subject to revision.
### Accounting

**ACTG-31 Computerized Accounting**

| Subject Heading          | Accounting  
|--------------------------|-------------
| Course Number And Title  | ACTG-31  
| Prerequisites/Corequisites| Prerequisite: ACTG-04A or ACTG-51. Advisories: CPSC-30; ENGL-85.  
| Course Description       | This course provides instruction in computer-assisted accounting. Topics include general ledger setup, accounts receivable setup, accounts payable setup, transactions and reports, financial statement analysis, depreciation, and payroll.  
| Campus Location          | Merced  
| Special Instructions     | Section 1986 will require field trips.  
| Section Number | Days | Time | Instructor | Room  
| 1986 | MWF | 09:00a-09:50a | Wesson O | IAC-124  

**Building Abbreviations**

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

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

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

**Section Number Smart Coding**

1xxx = Merced day class
2xxx = Online/Hybrid class
4xxx = Los Banos day class
6xxx = Merced evening class (05:00p or later)
70xx = class held in Livingston
71xx = class held in Chowchilla
77xx = class held in Delhi
78xx = class held in Mariposa
79xx = class held in Dos Palos
8xxx = Los Banos evening class (05:00p or later)
9xxx = Class held less than 18 weeks
# SPRING 2016 CLASSES

## ACCOUNTING (ACTG)

### ACTG-04A  FINANCIAL ACCOUNTING
(C-ID ACCT 110)

- **4 units: 4 hours lecture.**
- **Advisories: ACTG-51; ENGL-85.**

This course provides the student with the knowledge of corporate financial statement reporting and the ability to analyze the reports of a corporation.

<table>
<thead>
<tr>
<th>Code</th>
<th>Type</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>1804 $ WC</td>
<td>MW</td>
<td>12:00p-01:50p</td>
<td>Stapleton I</td>
<td>AHC-123</td>
<td></td>
</tr>
<tr>
<td>1037 $ WC</td>
<td>TTh</td>
<td>10:00a-11:50a</td>
<td>Vilhauer C</td>
<td>LESH-111</td>
<td></td>
</tr>
<tr>
<td>6015 $ WC</td>
<td>T</td>
<td>05:30p-09:20p</td>
<td>Stapleton I</td>
<td>AHC-128</td>
<td></td>
</tr>
</tbody>
</table>

### ACTG-04B  MANAGERIAL ACCOUNTING
(C-ID ACCT 120)

- **4 units: 4 hours lecture.**
- **One-way corequisite: ACTG-04A or ACTG-51. Advisory: MATH-81.**

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.

<table>
<thead>
<tr>
<th>Code</th>
<th>Type</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>1822 $ WC</td>
<td>MW</td>
<td>02:00p-03:50p</td>
<td>Vilhauer C</td>
<td>AHC-123</td>
<td></td>
</tr>
<tr>
<td>6301 $ WC</td>
<td>W</td>
<td>05:30p-09:20p</td>
<td>Vilhauer C</td>
<td>VOC-37</td>
<td></td>
</tr>
<tr>
<td>8002 $ WC</td>
<td>TTh</td>
<td>05:00p-06:50p</td>
<td>Snipes R</td>
<td>LB-B-134</td>
<td></td>
</tr>
</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>Code</th>
<th>Type</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>6051</td>
<td>W</td>
<td>05:30p-09:20p</td>
<td>Kekahuna P</td>
<td>VOC-114</td>
<td></td>
</tr>
</tbody>
</table>

### ACTG-51  APPLIED ACCOUNTING

- **4 units: 4 hours lecture.**
- **Prerequisite: MATH-80. Advisories: MATH-81; READ-81.**

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Type</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>1033 $ WC</td>
<td>TTh</td>
<td>12:00p-01:50p</td>
<td>Stapleton I</td>
<td>AHC-123</td>
<td></td>
</tr>
<tr>
<td>6298 $ WC</td>
<td>M</td>
<td>05:30p-09:20p</td>
<td>Stapleton I</td>
<td>AHC-128</td>
<td></td>
</tr>
</tbody>
</table>

### ACTG-52  PAYROLL RECORDS AND ACCOUNTING

- **3 units: 3 hours lecture.**
- **One-way corequisite: ACTG-04A or ACTG-51. Advisories: ENGL-85 MATH-80.**

This course acquaints the student with various phases of the Fair Labor Standards Act (FLSA), Social Security Act, and other laws relating to the payment of wages and salaries.

<table>
<thead>
<tr>
<th>Code</th>
<th>Type</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>8008 WC</td>
<td>Th</td>
<td>07:00p-09:50p</td>
<td>Donovan J</td>
<td>LB-A-105</td>
<td></td>
</tr>
</tbody>
</table>

### 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. An introduction to partnership and corporate taxation, as well as a brief overview of tax administration, will supplement the course material.

<table>
<thead>
<tr>
<th>Code</th>
<th>Type</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>6002 $ WC</td>
<td>M</td>
<td>07:00p-09:50p</td>
<td>Vilhauer C</td>
<td>AHC-130</td>
<td></td>
</tr>
</tbody>
</table>

## ADDICTION STUDIES (ADST)

### ADST-42B  INTRODUCTION TO ADDICTION COUNSELING SKILLS

- **3 units: 3 hours lecture.**
- **One-way corequisite: ADST-41. Advisory: ENGL-85.**

This course is oriented to counseling the alcoholic/chemically dependent client. Course work is designed to give the student an introduction to counseling skills and classroom experience in applying basic counseling skills with individuals and groups.

<table>
<thead>
<tr>
<th>Code</th>
<th>Type</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>6115</td>
<td>T</td>
<td>07:00p-09:50p</td>
<td>Anaya Y</td>
<td>IAC-145</td>
<td></td>
</tr>
</tbody>
</table>

### ADST-44  PHARMACOLOGY OF SUBSTANCE ABUSE

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

This course provides a basic understanding and working knowledge of the classifications of drugs based on their effects on behavior, emotions, perceptions, consciousness, the metabolism of drugs, and neurotransmitter theory.

<table>
<thead>
<tr>
<th>Code</th>
<th>Type</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>6087 Th</td>
<td>07:00p-09:50p</td>
<td>Riley J</td>
<td>IAC-145</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### ADST-45 LEADERSHIP AND COUNSELING IN ADDICTION GROUPS

- **3 units: 3 hours lecture.**
- **One-way corequisite: ADST-41. Advisory: ENGL-85.**

This course is an introduction to the dynamics of group counseling with clients with substance use disorders. The group will study itself, under supervision, and learn various leadership skills.

<table>
<thead>
<tr>
<th>Code</th>
<th>Type</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>6035 W</td>
<td>07:00p-09:50p</td>
<td>Holmes D</td>
<td>IAC-145</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### ADST-48  FAMILY SYSTEMS AND PREVENTION EDUCATION

- **3 units: 3 hours lecture.**
- **One-way corequisite: ADST-41. Advisories: ENGL-85.**

This course presents basic concepts that provide the foundation upon which homeostasis is maintained within the family.

<table>
<thead>
<tr>
<th>Code</th>
<th>Type</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>6010 M</td>
<td>07:00p-09:50p</td>
<td>Riley J</td>
<td>IAC-145</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## 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.

<table>
<thead>
<tr>
<th>Code</th>
<th>Type</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>1323 TTh</td>
<td>08:00a-10:15a</td>
<td>Moore J</td>
<td>VOC-113</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1588 TTh</td>
<td>05:30p-07:45p</td>
<td>Carroll C</td>
<td>AHC-139</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

$$^*$$ Class requires a Web Component. Contact the instructor for details.
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.

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

MERCED
1212 TTh 08:00a-10:15a Kline S VOC-114

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. The course helps bridge the speed gap between each level of keyboarding instruction.

MERCED
9139 MW 02:00p-04:05p Blackmore C VOC-114
Section 9139 is held from 01/19/16 to 03/18/16.

AOM-53 ADVANCED COMPUTER APPLICATIONS
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: CPS-3C-30.
The student will learn the advanced features of the word processor, spreadsheet, database, and presentations applications. Typically the most current version of Microsoft Office is taught, students are advised to check with the discipline faculty for software version information.

ONLINE/HYBRID
2310 ONLINE
Blackmore C
CONTACT: For course-specific questions contact the professor of the class cynthia.blackmore@mccd.edu. For technology problems contact help desk at www.mccd.edu/myhelp/ or (209) 381-6565.
ORIENTATION: MANDATORY: Tuesday, January 19, 2016; 11:00a-12:45p; MED-115.

MERCED
1132 MW 08:00a-09:15a Downing S VOC-114

AOM-55 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
9147 M 02:00p-03:50p Carroll C VOC-114
Section 9147 is held from 03/21/16 to 05/27/16.

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

MERCED
9147 M 02:00p-03:50p Carroll C VOC-114
Section 9147 is held from 03/21/16 to 05/27/16.

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.

MERCED
6052 T 05:30p-08:20p Carvalho S AHC-123

AOM-60 BUSINESS ENGLISH
3 units: 3 hours lecture.
Advisories: READ-81, ENGL-84; AOM-50B or type 25 wpm.
This course covers the mechanics of English as specifically applied to the field of business. It covers sentence structure, spelling, punctuation, grammar, business vocabulary, and the application of appropriate writing techniques for business communication.

MERCED
6524 W 05:30p-08:20p Abbott D AHC-139

AGRICULTURE (AGRI)

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

MERCED
1919 MWF 11:00a-11:50a Farao J AG-11

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

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

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

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

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

MERCED
1082 MWF 09:00a-09:50a Donaher K AG-11

AGBS-18 AGRICULTURAL COMPUTER APPLICATIONS
(C-ID AG - AB 108) [CILC areas A,B,C,D,E,F,G]
3 units: 2 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-81.
This course explores computer use in the workplace with emphasis on agribusiness situations. Computer applications including word-processing, spreadsheets, databases, and presentation managers will be covered.

MERCED
1004 TTh 10:30a-12:45p Donaher K VOC-115
1579 TTh 01:00p-03:15p Donaher K VOC-115

AGBS-30A ELEMENTS OF AGRICULTURAL LEADERSHIP
2 units: 2 hours lecture.
Advisory: ENGL-84; READ-81.
The purpose of this course is to increase the effectiveness of agricultural student leaders. Leadership theories and models will be explored along with opportunities to apply specific leadership skills.

MERCED
1021 M 02:00p-03:50p Donaher K AG-11
ALLIED HEALTH (ALLH)

SPRING 2016

NURSE ASSISTANT ORIENTATIONS

- Attend ONE orientation
- Purchase a Merced College Nurse Assistant Program Handbook from the Merced College Bookstore (Bookstore phone number 384-6280)
- Information will be provided to successfully complete the requirements & paperwork
- Orientations are open to the public
- Spring classes begin January 19, 2016.

MERCED and LOS BANOS CAMPUS
Orientation dates and times are located at:
www.mccd.edu/alliedhealth
(Click on the Nurse Assistant link on the left side of the web page.)

ALLH-60 NURSE ASSISTANT
3 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
6150 Th 05:30p-08:20p Reid E AHC-130
& F 07:30a-03:25p Reid E HOSP
Section 6150 is held at LaSierra Care Center 2424 M St., Merced and includes a 30 minute lunch.

6151 Th 05:30p-08:20p Reid E AHC-130
& F 07:30a-03:25p Dickens A HOSP
Section 6151 is held at LaSierra Care Center 2424 M St., Merced and includes a 30 minute lunch.

LOS BANOS
4036 T 05:00p-07:50p Lima B LB-B-138
& S 06:30a-02:25p Lima B LB-B-138
Section 4036 Lab includes a 1/2 hour lunch.
Section 4036 Lab will meet from 01/21/16 to 02/07/16 in LB-B-138. Beginning 02/08/16 this section will meet at the New Bethany Skilled Nursing Facility; 1441 Berkeley Dr.; Los Banos.
Section 4036 Lab does not meet on 02/13/16, 03/26/16 and 04/02/16.

ALLH-67 MEDICAL TERMINOLOGY
3 units: 3 hours lecture.
Advisory: ENGL-85.

This course is a study of general medical terminology -- diagnostic, operative, and symptomatic terms related to body systems -- with emphasis on proper spelling and pronunciation.

ONLINE/HYBRID
2378 ONLINE Provenco G
ORIENTATION:January 19, 2016; 05:30p-06:45p; COM-2.
IN-CLASS SESSIONS: February 9, 23; March 22; April 19; May 10, 24; 05:30p-06:45p; AHC-130.

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

LOS BANOS
8038 T 07:00p-09:50p Fragasso G LB-B-107

AMERICAN SIGN LANGUAGE (ASLG)

ASLG-01 BEGINNING AMERICAN SIGN LANGUAGE
3 units: 3 hours lecture.
Prerequisite/Advisory: None.
This course is an introduction to understanding and signing American Sign Language and appreciating the basic elements of the deaf culture.

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

LOS BANOS
4041 WC F 09:00a-11:50a Young Pfeiffer S LB-B-136

ANIMAL SCIENCE (ANSC)

ANSC-10 ELEMENTS OF ANIMAL SCIENCE
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course is a survey of the livestock industry, supply of animal products, and their uses in animal production. There is a special emphasis on the origin, characteristics, adaptation, and contributions of farm animals to the agriculture industry.

MERCED
1038 MWF 09:00a-09:50a 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-16 HORSE HUSBANDRY
3 units: 2 hours lecture, 3 hours lab.
Advisory: ENGL-85.
This is a survey of the equine industry encompassing the evolution and role of the equine species throughout history, breed selection and development, nutrition, diseases, preventive health, reproductive management, basic horsemanship, and stabiling alternatives.

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

MERCED
1029 Th 01:00p-03:15p Farao J AG-11

ANTHROPOLOGY (ANTH)

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

MERCED
1051 MWF 10:00a-10:50a Buechler J IAC-110
& M 02:00p-04:50p Buechler J IAC-110
1053 MWF 11:00a-11:50a Buechler J IAC-110
& W 02:00p-04:50p Buechler J IAC-110
6535 T 07:00p-09:50p Buechler J IAC-110
& Th 07:00p-09:50p Buechler J IAC-110

© Merced College 2016.
ANTH-02  SOCIOCULTURAL ANTHROPOLOGY
(C-ID ANTH 120) (CSU breadth area D) (IGETC area 4)
3 units: 3 hours lecture.
Advisories: ENGL-85.
This course is an introduction to the study of human culture and the
concepts, theories, and methods used in the comparative study of socio-
cultural systems.
MERCED
1056  TTh  12:30p-01:45p  Gaugler C  VOC-8
6005  W  07:00p-09:50p  Arguelles M  IAC-110
LOS BANOS
8064  T  07:00p-09:50p  Gaugler C  LB-B-137

ANTH-10  SOUTHEAST ASIAN CULTURE: HMONG
(CSU breadth area D) (IGETC area 4)
3 units: 3 hours lecture.
Advisories: ENGL-85.
This course surveys the basic ideas and social constructs of Southeast
Asian Cultures, especially the cultures of the new Southeast Asian
groups of people in California: Hmong, Mien, Lue, Lao, Cambodian, and
Vietnamese.
MERCED
6026  W  07:00p-09:50p  Vangay J  ART-1

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

ARCH-01L  FIELD ARCHAEOLOGY
1 unit: 3 hours lab.
Advisories: ENGL-85.
This course provides the student with an opportunity to gain practical
experience in archaeological field reconnaissance, archaeological
site excavation, laboratory analysis of archaeological data and in the
preparation of archaeological reports.
MERCED
9142  S  09:00a-04:25p  Arguelles M  IAC-110
Section 9142 is held from 02/06/16 to 04/16/16. Section 9142 includes a one hour lunch break. Class will not be held on 02/13/16, 03/26/16, and 04/02/16.

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 context of humanity
through the development of art, architecture, sculpture, painting and the
applied arts from the Renaissance to the 20th Century.
MERCED
1907  TTh  11:00a-12:15p  Barnett C  ART-1

ART-02  ART HISTORY: RENAISSANCE THROUGH 20TH CENTURY
(CSU breadth area C1) (IGETC area 3A)
3 units: 3 hours lecture.
Prerequisite: ENGL-85. Advisory: ENGL-01A.
This course is a survey that examines the historical context of humanity
through the development of art, architecture, sculpture, painting and the
applied arts from the Renaissance to the 20th Century.
MERCED
1017  MW  11:00a-12:15p  Disch S  ART-1
6027  T  07:00p-09:50p  Serpa B  ART-1

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

ART-12A  SCULPTURE: 3-D FOUNDATIONS
(C-ID ARTS 101)
3 units: 2 hours lecture, 3 hours lab.
Advisory: ENGL-85.
This course is an introduction to the fundamentals of the sculpting process
and the study of a variety of materials related to sculpture. Projects explore
the elements and principles of 3-D design and the conceptual styles of
realism to abstraction, both in the round and as bas-relief.
Art-12A requires a $40 material fee, which must be paid in Student Fees during the first week of classes. Upon payment students will receive a receipt to present to the instructor in class before using materials.
MERCED
1059  MW  01:00p-03:15p  Barnett C  ART-4
6551  W  05:10p-10:00p  Barnett C  ART-4

ART-12B  INTERMEDIATE SCULPTURE
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: ART-12A.
Students will explore sculpture materials, methods, techniques, and create
three-dimensional design projects related to intermediate-level course work.
Art-12B requires a $40 material fee, which must be paid in Student Fees during the first week of classes. Upon payment students will receive a receipt to present to the instructor in class before using materials.
MERCED
1059  MW  01:00p-03:15p  Barnett C  ART-4
6551  W  05:10p-10:00p  Barnett C  ART-4

ART-15  DESIGN: 2-D FOUNDATIONS
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.
MERCED
1941  TTh  01:00p-03:15p  Barnett C  ART-4
6324  M  05:10p-10:00p  Salmon L  ART-4
ART-17A  INTRODUCTION TO CERAMICS
3 units: 2 hours lecture, 3 hours lab.
Advisory: ENGL-85.
This course is an introduction to ceramic materials, concepts, and processes including basic design elements and principles, creative development, hand-building, throwing, glaze techniques, firing and ceramic terminology. ART-17A requires a $40 material fee, which must be paid in Student Fees during the first week of classes. Upon payment students will receive a receipt to present to the instructor in class before using materials.

MERCED
1063  TTh  01:00p-03:15p  French S  ART-5
6502  T  05:10p-10:00p  French S  ART-5

LOS BANOS
8098  MW  05:30p-07:45p  Caredio S  PACHS
Section 8098 is located at Pacheco High School; Room K-1; 200 Ward Rd., Los Banos.

ART-17B  INTERMEDIATE CERAMICS
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: ART-17A. Advisory: ENGL-85. This is an intermediate course in ceramic pottery and sculpture design and construction, non-technical glaze composition, and kiln firing. Students pursue projects of individual interest. ART-17B requires a $40 material fee, which must be paid in Student Fees during the first week of classes. Upon payment students will receive a receipt to present to the instructor in class before using materials.

MERCED
1325  TTh  01:00p-03:15p  French S  ART-5
6502  T  05:10p-10:00p  French S  ART-5

LOS BANOS
8100  MW  05:30p-07:45p  Caredio S  PACHS
Section 8100 is located at Pacheco High School; Room K-1; 200 Ward Rd., Los Banos.

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

MERCED
1039  MW  10:30a-12:45p  Benhissen L  ART-6
6291  TTh  07:30p-09:45p  Kirksey R  ART-6

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

MERCED
1040  MW  10:30a-12:45p  Benhissen L  ART-6
6292  TTh  07:30p-09:45p  Kirksey R  ART-6

ART-24A  DRAWING I
(C-ID ARTS 110)
3 units: 2 hours lecture, 3 hours lab. Prerequisite/Advisory: None. This course is an introduction to the principles, theories, and techniques of drawing and composition. Students will explore foundation-level concepts while surveying materials used in drawing as an art form, as well as the history of their development.

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

LOS BANOS
4104  TTh  02:00p-04:15p  Donovan M  LB-B-101

ART-24B  INTERMEDIATE DRAWING
(C-ID ARTS 205)
3 units: 2 hours lecture, 3 hours lab. Prerequisite: ART-24A. This course is an exploration of artistic concepts, styles, and creative expression related to intermediate-level drawing, focusing on complex subject matter and concepts using a variety of drawing mediums, techniques, and methodologies.

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

LOS BANOS
4106  TTh  02:00p-04:15p  Donovan M  LB-B-101

ART-26A  INTRODUCTION TO FIGURE DRAWING
(C-ID ARTS 200)
3 units: 2 hours lecture, 3 hours lab. Advisory: ENGL-85. This course is an introduction to drawing the human figure from observation using a wide variety of drawing media and techniques.

MERCED
6062  W  05:10p-10:00p  Benhissen L  ART-6

ART-26B  INTERMEDIATE FIGURE DRAWING
3 units: 2 hours lecture, 3 hours lab. Prerequisite: ART-26A. Advisory: ENGL-85. Exploration of artistic concepts, styles, and creative expression related to intermediate-level figure drawing, focusing on complex composition and concepts using a variety of color drawing mediums, techniques, and methodologies.

MERCED
6064  W  05:10p-10:00p  Benhissen L  ART-6

DIGITAL ART (ARTD)
ARTD-40A  INTRODUCTION TO DIGITAL ART
(CSU breadth area C1) (IGETC area 3A) [CILC area A,B,D,E,G] 3 units: 2 hours lecture, 3 hours lab. Advisory: AOM-50A; ENGL-85. The studio survey course introduces fundamental raster and vector artwork concepts and manipulation processes. ARTD-40A requires a $40 material fee, which must be paid in Student Fees during the first week of classes. Upon payment students will receive a receipt to present to the instructor in class before using materials. Students provide their own DSLR or point and shoot digital camera.

MERCED
1430  MW  10:30a-12:45p  Perlin A  ART-8
ARTD-40B  INTERMEDIATE DIGITAL ART
(CSU breadth area C1) (IGETC area 3A) [CILC area A,B,D,E,G]
3 units: 2 hours lecture, 3 hours lab.
Advisories: AOM-50A; ART-15, ART-24A; ARTD-40A; ENGL-85.
This studio course continues to develop creative thinking ability, the exploration of design elements & composition, and imaginative technical ability through the use of bitmap and vector software programs.
ARTD-40B requires a $40 material fee, which must be paid in Student Fees during the first week of classes. Upon payment students will receive a receipt to present to the instructor in class before using materials. Students provide their own DSLR or point and shoot digital camera.
MERCED
1861 MW 01:00p-03:15p Perlin A ART-8

ARTD-41A  INTRODUCTION TO GRAPHIC DESIGN
[CILC area A,B,D,E,G]
3 units: 2 hours lecture, 3 hours lab.
Advisory: AOM-50A; ENGL-85.
This course provides an introduction to graphic design and the visual communication arts.
ARTD-41A requires a $40 material fee, which must be paid in Student Fees during the first week of classes. Upon payment students will receive a receipt to present to the instructor in class before using materials.
Students provide their own DSLR or point and shoot digital camera.
MERCED
6202 T 05:10p-10:00p Perlin A ART-8

ARTD-41B  INTERMEDIATE GRAPHIC DESIGN
[CILC area A,B,D,E,G]
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: ARTD-41A. Advisory: AOM-50A; ENGL-85.
The course promotes creative thinking in intermediate level graphic design and the visual communication arts.
ARTD-41B requires a $40 material fee, which must be paid in Student Fees during the first week of classes. Upon payment students will receive a receipt to present to the instructor in class before using materials.
Students provide their own DSLR or point and shoot digital camera.
MERCED
6203 T 05:10p-10:00p Perlin A ART-8

ARTD-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, inter-activity, layout, and sound design concepts feature strongly in the class.
MERCED
1654 MW 01:00p-03:15p Perlin A ART-8

ASTRONOMY (ASTR)

ASTR-01L  INTRODUCTORY ASTRONOMY LABORATORY
(CSU breadth area B1/B3) (IGETC area 5C)
1 unit: 3 hours lab.
One-way corequisite: ASTR-01. Advisories: ENGL-85; MATH-81.
This is a basic course in astronomy providing laboratory experience and opportunity for observation of the night sky.
MERCED
1255 T 11:00a-01:50p Davies R SCI-105
6013 W 07:00p-09:50p Pourtavirdi Z SCI-105

ATHLETICS (ATHL)

ATHL-01A  INTERCOLLEGIATE BASEBALL
3 units: 10 hours lab.
Limitation on enrollment: This is a varsity team sport requiring coach’s or academic athletic advisor’s approval.
This is a course teaching theory, practice and game performance of competitive baseball. This course may be repeated three times.
MERCED
1936 MTWTh 02:00p-04:15p Pedretti C BBF
& F 02:00p-02:50p Pedretti C BBF

ATHL-01B  INTERCOLLEGIATE BASKETBALL
1.5-3 units: 5-10 hours lab.
Limitation on enrollment: This is a varsity team sport requiring coach’s or academic athletic advisor’s approval. Advisory: KINE-13.
This course teaches theory, practice and game performance of competitive basketball. This course may be repeated three times.
MERCED
Men’s Basketball
9600 MTWTh 02:00p-04:15p Russell W GYM-1
Women’s Basketball
9601 DAILY 12:00p-01:50p Huddleston A GYM-1
Section 9601 is held from 01/19/16 to 03/18/16.

ATHL-01G  INTERCOLLEGIATE SWIMMING
3 units: 10 hours lab.
Limitation on enrollment: This is a varsity team sport requiring coach’s or academic athletic advisor’s approval.
This course teaches theory, practice and game performance of the competitive sport. This course may be repeated three times.
MERCED
Men’s Swimming
1606 DAILY 01:00p-02:50p McCall S POOL Women’s Swimming
1803 DAILY 04:00p-05:50p Umemura K POOL

ATHL-01I  INTERCOLLEGIATE TRACK AND FIELD
3 units: 10 hours lab.
Limitation on enrollment: This is a varsity team sport requiring coach’s or academic athletic advisor’s approval.
This is a course teaching theory, practice, and game performance of the designated competitive sport. This course may be repeated three times.
MERCED
1609 DAILY 03:00p-04:50p Foy L STAD

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

---

LC-Learning Community class. See page 55 for details.
$—Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.
Si-Supplemental Instruction class. See page 76 for details.
Online/Hybrid Classes. See page 58 for details.
WC-Class requires a Web Component. Contact the instructor for details.
ATHL-03 ATHLETIC CONDITIONING  
2 units: 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. This course may be repeated three times.

ATHL-13 ADVANCED BASKETBALL  
.5-1 units: 1.5-3 hours lab. 
Limitation on enrollment: This is a varsity team off-season conditioning course that requires coach’s or academic athletic adviser’s signature. This course offers the more advanced student the opportunity to develop and improve fundamental skills involved in basketball, such as, ball handling, shooting, defensive and offensive tactics, and physical endurance. This course may be repeated three times.

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

AUTO-36 AUTOMOTIVE MANUAL TRANSMISSIONS AND DRIVE TRAINS  
4 units: 3 hours lecture, 3 hours lab. 
Advisories: AUTO-04; ENGL-85; MATH-80, MATH-85. This course is designed for the student without any prior experience in standard transmissions or drive axles. The class will provide technical information required for understanding and repairing of manual transmissions and drive trains.

AUTO-42 AUTOMOTIVE ELECTRICAL SYSTEMS  
4 units: 3 hours lecture, 3 hours lab. 
Prerequisite: AUTO-63. Advisories: AUTO-04; ENGL-85, MATH-80 or MATH-85. This course covers automotive electrical systems and includes a review of electron theory, magnetism, and semiconductors. The student will acquire technical and working knowledge of starting, charging and ignition systems and components.

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

AUTO-47 ENGINE PERFORMANCE  
2 units: 1 hours lecture, 3 hours lab. 
Prerequisites: AUTO-42, AUTO-43. Advisories: ENGL-85; MATH-80 or MATH-85. This course is a study in the diagnosis of automotive electrical and computer controlled fuel and ignition systems. The course will cover charging and starting circuits, computer controlled fuel injection and ignition systems and emissions control devices.

AUTO-48A SPECIAL PROBLEMS IN AUTOMOTIVE TRANSMISSIONS AND DRIVE TRAINS  
2 units: 6 hours lab. 
Prerequisite: AUTO-36, or AUTO-46 and AUTO-63. Advisories: ENGL-85; MATH-80 or MATH-85. This course is designed to permit the student to gain additional hands on experience in areas covered in the objectives of AUTO-36 or AUTO-46. This course will help prepare the student for employment in the automotive repair industry with entry-level skills.
AUTO-48B SPECIAL PROBLEMS IN ENGINE PERFORMANCE
2 units: 6 hours lab.
Prerequisite: AUTO-47. Advisories: ENGL-85.
This course is designed to permit the student to gain additional hands on experience in areas covered in the objectives of AUTO-47.
6139 WC  TTh  07:00p-09:50p Gregory A  IT-4A

AUTO-48D SPECIAL PROBLEMS IN AUTOMOTIVE SUSPENSIONS
2 units: 6 hours lab.
Prerequisite: AUTO-32, AUTO-63. Advisories: ENGL-85; MATH-80 or MATH-85.
This course is designed to permit the student to gain additional hands on experience in areas covered in the objectives of AUTO-32. The course will help prepare the students for employment in the trade with entry-level skills.
MERCE 1161  MW  02:00p-04:50p Weepers M  IT-4B
6088  MW  07:00p-09:50p Weepers M  IT-4B

AUTO-48F SPECIAL PROBLEMS IN AUTO BODY REPAIR AND PAINTING
1.5-2.0 units: 4.5-6 hours lab.
Prerequisite: AUTO-50. Advisories: WELD/MECH-06, ENGL-85; MATH-80 or MATH-85.
The course will provide the student additional training to develop and complete techniques, concepts and skills learned in AUTO 50 (Auto Body Repair and Painting).
MERCE 6134  MW  05:30p-08:20p Hiser R  PS-2

AUTO-51 ADVANCED AUTO BODY REPAIR AND REFINISHING
4 units: 2 hours lecture, 6 hours lab.
Prerequisite: AUTO-50. Advisories: ENGL-85; MATH-80 or MATH-85.
This course involves repairing and refinishing of vehicles with body and finish damage. Vehicle panel repair or replacement through proper tools and equipment will be covered.
MERCE 6018  TTh  05:30p-09:20p Hiser R  IT-3

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.
MERCE 6046 WC  TTh  07:00p-09:50p Gregory A  IT-4A
Section 6046 requires a $10 Lab 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.
MERCE 1841 WC  TTh  08:00a-10:50a Weepers M  IT-4B
Section 1841 requires a $10 Lab Manual.
6566 WC  TTh  07:00p-09:50p Maxwell G  IT-4B
Section 6566 requires a $10 Lab Manual.

AUTO-66 AUTOMOTIVE PARTS AND SERVICE ADVISING
3 units: 2.5 hours lecture, 1.5 hours lab.
Prerequisite: AUTO-04. Advisories: ENGL-85; MATH-80 or MATH-85.
This course will cover the duties and responsibilities of automotive parts and service advisors working at independent and dealership-based stores.
MERCE 6253  T  05:30p-09:20p Woodall D  AG-10
BIOL-04A FUNDAMENTALS OF BIOLOGY: THE CELL AND EVOLUTION
(CSU breadth area B2/B3) (IGETC area 5B/5C)
4 units: 3 hours lecture, 3 hours lab.
Prerequisites: CHEM-04A; MATH-C. Advisories: BIOL-01 or BIOL-02; ENGL-85.
This course is a study of the principles of biology. Areas of study will include aspects of the philosophy of science, the chemistry of life, the cell and cellular organization, biological membranes, energy transfer including photosynthesis and cellular metabolism, mitosis/meiosis, and molecular biology.

**MERCED**

| 1104 $ WC | TTh | 09:30a-10:45a | Albano V | SCI-110 |
| 1106 $ WC | TTh | 09:30a-10:45a | Albano V | SCI-110 |
| 1227 $ WC | TTh | 09:30a-10:45a | Albano V | SCI-110 |

**BIOL-04B DIVERSITY OF LIFE: MORPHOLOGY AND PHYSIOLOGY**
(CSU breadth area B2/B3) (IGETC area 5B/5C)
5 units: 3 hours lecture, 6 hours lab.
Prerequisite: BIOL-04A. 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 $ WC | MWF | 11:00a-11:50a | Estrella C | SCI-206 |
| & 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-08 ENVIRONMENTAL SCIENCE
(CSU breadth area B2) (IGETC area 5B)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This introductory course examines Earth as an ecosystem composed of biological, chemical, and physical processes with emphasis on man's impact on the planet.

**ONLINE/HYBRID**

2390 ONLINE Latham E
CONTACT: latham.e@mccd.edu; (209) 386-6728; Office LB-B-133, Los Banos Campus.
COMMENTS: All enrolled students must log on to the class using the Blackboard log-in page within the first 3 days of the class starting or may be dropped from the course. Students on the waitlist must email the instructor within the first 3 days of the class START date or they will be dropped from the waitlist. Instructor has office hours in Los Banos.

**MERCED**

| 1180 MWF | 10:00a-10:50a | Kolster M | SCI-104 |
| 7730 M | 06:00p-07:00p | Menke B | SCI-104 |
| 7730 | 06:00p-07:00p | Menke B | SCI-104 |
| 7803 W | 06:30p-09:20p | Kolster M | SCI-104 |

**LOS BANOS**

8138 WC MW | 05:30p-08:45p | Schroeder K | SCI-104 |
| & M | 02:00p-04:50p | Schroeder K | SCI-104 |

**BIOL-16 GENERAL HUMAN ANATOMY**
(C-ID BIOL 110B) (CSU breadth area B2/B3) (IGETC area 5B/5C)
4 units: 2 hours lecture, 6 hours lab.
Prerequisite: BIOL-01 or BIOL-02 or BIOL-04A; ENGL-85.
This course is an intensive study of the structure of the human body. Consideration is given to the skeletal, muscular, circulatory, respiratory, digestive, excretory, reproductive, and nervous systems. Special emphasis is placed on the needs of students majoring in biology, nursing, physical education, and medical sciences.

| 1231 TTh | 12:00p-12:50p | Igo M | SCI-205 |
| 1024 TTh | 08:00a-09:50a | Igo M | SCI-205 |
| 1044 TTh | 08:00a-09:50a | Keller S | SCI-205 |
| 1458 TTh & MWF | 09:00a-10:50a | Keller S | SCI-205 |
| 6033 MW | 05:30p-06:20p | Crombie K | SCI-205 |
| 6440 MW | 05:30p-06:20p | Crombie K | SCI-205 |
| 6021 TTh | 05:30p-06:20p | Touma C | SCI-205 |
| 6022 TTh | 05:30p-06:20p | Touma C | SCI-205 |
| 6022 TTh | 05:30p-06:20p | Touma C | SCI-205 |

**LOS BANOS**

4144 WC TTh | 01:00p-02:50p | Latham E | SCI-205 |
| & TTh | 09:00a-11:50a | Latham E | SCI-205 |

LC-Learning Community class. See page 55 for details.
$*: Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.
SI-Supplemental Instruction class. See page 76 for details.
WC-Class requires a Web Component. Contact the instructor for details.

**SPRING 2016 CLASSES**

**MERCED COLLEGE**

209.384.6000
BIOL-18 PRINCIPLES OF PHYSIOLOGY
(CSU breadth area B2/B3) (IGETC area 5B/5C)
4 units: 3 hours lecture, 3 hours lab.
Prerequisites: BIOL-01 or BIOL-02 or BIOL-04A or BIOL-16; CHEM-02A; ENGL-85; MATH-C.
This course is a general lecture and laboratory course in human physiology, including a study of blood and circulation, respiration, muscle activity, endocrine glands, digestion, excretion, and the functions and activities of the brain, nerves, and sense organs.

MERCED
1360 MWF 08:00a-08:50a Coburn C SCI-111
& T 08:00a-10:50a Coburn C SCI-115
1362 MWF 08:00a-08:50a Coburn C SCI-111
& Th 08:00a-10:50a Coburn C SCI-115
1693 $ WC MWF 12:00p-12:50p Igo M SCI-202
& M 02:00p-04:50p Igo M SCI-115
1694 $ WC MWF 12:00p-12:50p Igo M SCI-202
& W 02:00p-04:50p Igo M SCI-115
6353 $ WC MW 05:30p-06:45p Conte D SCI-208
& M 07:00p-09:50p Conte D SCI-115
6422 $ WC MW 05:30p-06:45p Conte D SCI-208
& W 07:00p-09:50p Conte D SCI-115

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; ENGL-85. Advisories: CHEM-02A.
This is an introductory course familiarizing students with basic laboratory techniques and fundamental topics of microbiology.

MERCED
1377 MW 11:00a-11:50a Modafferi E SCI-114
1108 TTh 12:00p-12:50p Macias M SCI-110
& TTh 08:00a-10:50a Macias M SCI-114
1109 TTh 12:00p-12:50p Macias M SCI-110
& TTh 02:00p-04:50p Macias M SCI-114
6101 $ WC MW 05:30p-06:20p Vierra S SCI-202
& MW 06:30p-09:20p Vierra S SCI-114
6441 $ WC MW 06:30p-06:20p Vierra S SCI-202
& MW 02:00p-04:50p Vierra S SCI-114
LOS BANOS
4148 WC MW 11:00a-11:50a Latham E LB-B-137
& MW 01:00p-03:50p Latham E LB-B-104

BIOL-33 BIOTECHNOLOGY II: ADVANCED LABORATORY TECHNIQUES AND THEORY
4 units: 2 hours lecture, 6 hours lab.
Prerequisite: BIOL-09, BIOL-32. Advisories: BIOL-20; ENGL-85; MATH-81.
An advanced course on techniques in biotechnology. This course is designed to build upon the skills developed in Biology 31.

1272 $ WC WF 11:00a-11:50a Albano V SCI-115
& WF 08:00a-10:50a Albano V SCI-115

BIOL-50 SURVEY OF ANATOMY AND PHYSIOLOGY
3 units: 3 hours lecture.
Prerequisite: ENGL-85.
This is a course in basic anatomy and physiology of the human body. It is designed as an elementary course for students with limited background in science or biology.

MERCED
1048 MWF 01:00p-01:50p Staff SCI-208
1049 TTh 08:00a-09:15a Staff SCI-111

BUS-10 INTRODUCTION TO BUSINESS
3 units: 3 hours lecture.
Advisory: CPSC-30; ENGL-85.
This course is a survey of the concepts of the business world. The course includes an overview of the role of business in society and the economy. It covers the fundamentals of business ethics and the legal environment of business.

ONLINE/HYBRID
2307 ONLINE Haugen A
COMMENTS: Students must log into the course or contact the instructor at haugen.a@mccd.edu within the first five days of the semester to avoid being dropped.
ORIENTATION: Required for first-time online students enrolled in this class. Wednesday, January 20, 2016; 12:00p-12:50p; COM-02.
Access code from the publisher is required. You may buy the bundle from the bookstore or the access code/e-book directly from McGraw Hill.

MERCED
1118 MW 09:30a-10:45a Pistoresi J VOC-37
1203 TTh 09:30a-10:45a Haugen A VOC-37
1566 TTh 12:30p-01:45p Staff VOC-37
6226 T 05:30p-08:20p Skunca J VOC-37

BUS-18A BUSINESS LAW
(C-ID BUS 125)
4 units: 4 hours lecture.
Advisories: BUS-10; ENGL-85.
This course is a study of legal principles that govern the conduct of business.

MERCED
1327 MW 02:00p-03:50p Fritz K VOC-37
1575 MW 08:00a-09:50a Thompson S AHC-124
1114 TTh 10:00a-11:50a Fritz K AHC-128
6103 M 05:30p-09:20p Fritz K VOC-37
LOS BANOS
8176 WC MW 07:00p-08:50p Staff LB-B-107

BUS-35 MONEY MANAGEMENT
3 units: 3 hours lecture.
Advisories: ENGL-85; MATH-80.
This course offers instruction in basic financial, career and life planning.

ONLINE/HYBRID
2301 ONLINE Haugen A
COMMENTS: Students must log into the course or contact the instructor at haugen.a@mccd.edu within the first five days of the semester to avoid being dropped.
ORIENTATION/INCLASS SESSION: MANDATORY ATTENDANCE; Thursday, January 21, 2016; 05:30p-08:20p; COM-02.
COMMENTS: Section 2301 requires online homework. Access code from the publisher is required. You may buy the bundle from the bookstore or the access code/e-book directly from McGraw Hill.

MERCED
1115 $ WC TTh 11:00a-12:15p Haugen A VOC-37
1115 Section 1115 requires online homework. Access code from the publisher is required. You may buy the bundle from the bookstore or the access code/e-book directly from McGraw Hill.
6106 $ WC Th 05:30p-08:20p Verrinder J VOC-38
6106 Section 6106 requires online homework. Access code from the publisher is required. You may buy the bundle from the bookstore or the access code/e-book directly from McGraw Hill.

LOS BANOS
8180 WC T 07:00p-09:50p Snipes R LB-B-134
CHEMISTRY (CHEM)

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

MERCED
1008  MW  11:00a-12:15p  Kline  S  V0C-115

CHEM-02B  INTRODUCTORY CHEMISTRY: INTRODUCTION TO ORGANIC AND BIOCHEMISTRY
(CSU breadth area B1/B3)  (IGETC area 5A/5C)
4 units: 3 hours lecture, 3 hours lab.
Prerequisite: CHEM-02A; MATH-C. Advisories: ENGL-85; LRNR-30.
This is a continuation of CHEM-02A with emphasis on organic and biochemistry.

ONLINE/HYBRID
2341  HYBRID  Weathers  A  SCI-107
CONTACT: april.weathers@mccd.edu
IN-CLASS SESSIONS: Lab; Tuesdays; 02:00p-04:50p; SCI-107.
COMMENTS: 3 Lecture hours per week will be held online.

2359  HYBRID  Weathers  A  SCI-107
CONTACT: april.weathers@mccd.edu
IN-CLASS SESSIONS: Lab; Thursdays; 02:00p-04:50p; SCI-107.
COMMENTS: 3 Lecture hours per week will be held online.

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

MERCED
1145  WC  MWF  11:00a-11:50a  Weathers  A  SCI-208
& TTh  08:00a-10:50a  Weathers  A  SCI-104
1146  WC  MWF  11:00a-11:50a  Weathers  A  SCI-208
& WF  08:00a-10:50a  Weathers  A  SCI-104
1144  WC  MW  02:00p-03:15p  Wilson  K  SCI-110
& WF  01:00p-01:50p  Wilson  K  SCI-104
1147  WC  MW  02:00p-03:15p  Wilson  K  SCI-110
& TTh  01:00p-01:50p  Wilson  K  SCI-104
1161  WC  MW  02:00p-03:15p  Wilson  K  SCI-110
& TTh  02:00p-04:50p  Wilson  K  SCI-104

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

MERCED
1150  SI  MWF  10:00a-10:50a  Tenn  B  SCI-110
& WC  02:00p-04:50p  Tenn  B  SCI-107
1152  SI  MWF  10:00a-10:50a  Tenn  B  SCI-110
& WC  07:00a-09:50a  Tenn  B  SCI-107
1988  SI  MWF  10:00a-10:50a  Tenn  B  SCI-110
& WC  11:00a-01:50p  Tenn  B  SCI-107

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

MERCED
1163  WC  MWF  12:00p-12:50p  Fregene  P  SCI-205
& WC  02:00p-04:50p  Fregene  P  SCI-104
Section 1163 includes a class field trip to the NMR facility at CSU Stanislaus.
CHILD DEVELOPMENT (CLDV)

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

ONLINE/HYBRID
2315 ONLINE Roduner S
CONTACT: For course-specific questions contact the professor of the class, roduner.s@mccd.edu. For technology problems contact the help desk at www.mccd.edu/myhelp/ or (209) 381-6565.

MERCED
1060 WC MWF 10:00a-10:50a Roduner S VOC-138
1657 TTh 09:30a-10:45a Chappell S AG-10
6135 Th 05:30p-08:20p Cruthird A VOC-138

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

ONLINE/HYBRID
2321 ONLINE Roduner S
CONTACT: For course-specific questions contact the professor of the class, roduner.s@mccd.edu. For technology problems contact the help desk at www.mccd.edu/myhelp/ or (209) 381-6565.

MERCED
1057 WC MW 02:00p-03:15p Patton M VOC-138
1913 WC TTh 09:30a-10:45a Roduner S VOC-138
LOS BANOS
8226 WC T 05:30p-08:20p Oks O LB-B-106

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

ONLINE/HYBRID
2367 ONLINE Marquez M
CONTACT: For course-specific questions contact the professor of the class, martina.marquez@mccd.edu. For technology problems contact the help desk at www.mccd.edu/myhelp/ or (209) 381-6565.

MERCED
6193 T 05:30p-08:20p Garza M VOC-138

CLDV-04 OBSERVATION AND ASSESSMENT
(C-ID ECE 200)
3 units: 2 hours lecture, 3 hours lab.
Limitation on enrollment: students must have a negative result on a TB test within the past four years. Prerequisite: CLDV-01. One-way corequisite: CLDV-03. Advisory: ENGL-01A.
This course focuses on the appropriate use of a variety of assessment and observation strategies to document child development and behavior. Child observations will be conducted and analyzed.

MERCED
1177 M 12:00p-01:50p Patton M CDCM-16
6208 M 05:30p-07:20p Garza M CDCM-16
Section 6208 will also meet for 3 hours of lab time by arrangement.

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

ONLINE/HYBRID
2317 ONLINE Penney B
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.

MERCED
1337 WC TTh 02:00p-03:15p Brace K VOC-138

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

ONLINE/HYBRID
2343 ONLINE Chappell S
CONTACT: For course-specific questions contact the professor of the class, chappell.s@mccd.edu. For technology problems contact the help desk at www.mccd.edu/myhelp/ or (209) 381-6565.

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

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. Students will examine a teacher’s role in supporting development and engagement for all young children.

MERCED
1669 WC MW 02:00p-03:15p Brace K VOC-139
1101 W 08:00a-10:50a Heft A CDCM-16
LOS BANOS
8236 WC Th 05:30p-08:20p Oks O LB-B-106

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

MERCED
1879 WC TTh 09:00a-12:20p Brace K CDCM-16
6003 Th 05:30p-08:50p Heft A CDCM-16
Section 6003 meets on January 21, February 18, March 17, April 21, May 19, 2016; 05:30p-08:50p; CDCM-16.
Section 6003 requires six hours per week of lab.
CLDV-09 HUMAN DEVELOPMENT (ALSO: PSYC-09)
(5SU breadth area E)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course is an introduction to the scientific study of human development from conception through death. It examines interplay of biological, psychological, social, and cultural forces on the developing human being.
ONLINE/HYBRID
2314 ONLINE Williamson L
CONTACT: For course-specific questions contact the professor of the class linda.williamson@mccd.edu. For technology problems contact the help desk at www.mccd.edu/myhelp/ or (209) 381-6565.
2316 ONLINE Marquez M
CONTACT: For course-specific questions contact the professor of the class martina.marquez@mccd.edu. For technology problems contact the help desk at www.mccd.edu/myhelp/ or (209) 381-6565.

CLDV-11 INTRODUCTION TO EARLY INTERVENTION
3 units: 2 hours lecture, 3 hours lab.
Limitation on enrollment: Students must have a negative result on a TB test within the past four years. Prerequisites: CLDV-01, CLDV-03.
Advisory: ENGL-85.
This course is designed to satisfy requirements for the Early Intervention Assistant Certificate of Achievement.
MERCED
1670 WC MW 12:30p-01:45p Brace K VOC-37
1322 MW 09:30a-10:45a Marquez M CDCM-16
1326 TTh 03:30p-04:45p Williamson L VOC-138

CLDV-30C INFANT/TODDLER CURRICULUM
2 units: 2 hours lecture.
Advisories: CLDV-35; ENGL-85.
This course is designed to help students guide children’s learning by providing developmentally appropriate environment for infants and toddlers that invites play and active exploration.
MERCED
6169 WC M 05:30p-07:20p Brace K VOC-138
Section 6169 has 3 hours lab by arrangement per week.

CLDV-34B ADMINISTRATION AND SUPERVISION OF ECE PROGRAMS: PART B
3 units: 3 hours lecture.
Advisory: ENGL-01A.
This class is designed to give students an in-depth look at administration problems of child development centers.
MERCED
6004 T 05:30p-08:20p Marquez M CDCM-16

CLDV-35 INFANT AND TODDLER DEVELOPMENT
2 units: 2 hours lecture.
Advisory: ENGL-85.
This course is the study of the development of children from birth to age three. This will include growth and development, health and nutrition needs, social and emotional needs, and cognitive and language development.
MERCED
1672 T 02:00p-03:50p Marquez M CDCM-16

CLDV-35L INFANT AND TODDLER PRACTICUM
2 units: 6 hours lab.
Limitation on enrollment: Students must have a negative result on a TB test within the past four years. One-way corequisite: CLDV-35.
This laboratory experience offers students the opportunity to work with infants and toddlers in programs in a supervised early childhood program with children from birth up to three years.
MERCED
1673 6 hours by arrangement Marquez M
ORIENTATION-MANDATORY: January 21, 2016, 06:00p-07:50p; CDCM-16
IN-CLASS SESSION-MANDATORY: Final Exam; May 24, 2016, 06:00p-07:50p; CDCM-16
Section 1673 requires six hours per week of lab.

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.
ONLINE/HYBRID
2368 ONLINE Heft A
CONTACT: For course-specific questions, contact the professor of the course at april.heft@mccd.edu. For technology problems, contact the Help Desk at www.mccd.edu/myhelp/ or (209) 381-6565.

COMMUNICATION STUDIES (COMM)

COMM-01 FUNDAMENTALS OF SPEECH
(C-ID COMM 110) (CSU breadth area A1)
3 units: 3 hours lecture.
Prerequisite: ENGL-85.
This course is designed to instruct students in the fundamentals of composing, preparing and presenting speeches in front of audiences. The focus will be on researched speeches to inform and persuade.
MERCED
1778 MWF 09:00a-09:50a Bonstein J IAC-121
1774 MWF 10:00a-10:50a Bonstein J IAC-121
1777 MW 12:30p-01:45p Young J IAC-121
1796 MW 03:30p-04:45p Fraleigh N IAC-121
1773 TTh 09:30a-10:45a Bonstein J IAC-109
1775 LC TTh 12:30p-01:45p Young J IAC-121
Section 1775 is a Learning Community with ENGL-01A-1228.

6092 MWF 05:30p-06:45p Fraleigh N IAC-121
6097 Th 05:30p-08:20p Bonstein J IAC-121

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

COMM-02 ORAL INTERPRETATION (ALSO: ENGL-02)
(C-ID COMM 170) (CSU breadth area E)
3 units: 3 hours lecture.
Prerequisite: ENGL-85.
This course is designed to introduce students to performance studies through analysis, appreciation, and application of interpretive performance of the various forms of literature: poetry, prose and drama.
MERCED
1246 MWF 11:00a-11:50a Bonstein J IAC-121
COMM-04 SMALL GROUP DISCUSSION AND PROBLEM SOLVING
(C-ID COMM 140) (CSU breadth area A1) (IGETC area 1C - CSU only)
3 units: 3 hours lecture.
Prerequisite: ENGL-85.
This is a course designed to help students develop critical thinking and oral presentation skills for communicating and working together on small group tasks.

MERCED
1965 MWF 11:00a-11:50a Hobbs L IAC-109
1782 MWF 12:00p-12:50p Hobbs L IAC-106
1784 TTh 12:30p-01:45p Bonstein J IAC-145
6073 MW 07:00p-08:15p Fraleigh N IAC-121
6043 M 05:30p-08:20p Young J IAC-142

LOS BANOS
4248 TTh 02:00p-03:15p Rigby K LB-B-111

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
1798 MW 03:30p-04:45p Bubenchik J IAC-145
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 W 05:30p-08:20p Bubenchik J IAC-106

LOS BANOS
4250 MW 12:30p-01:45p Rigby K LB-B-101

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

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

LM-Learning Community class. See page 55 for details.
$$ - Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.
SI-Supplemental Instruction class. See page 76 for details.
Online/Hybrid Classes. See page 58 for details.
WC-Class requires a Web Component. Contact the instructor for details.
### 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.

**ONLINE/HYBRID**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Mode</th>
<th>Instructor</th>
<th>Contact</th>
<th>Additional Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2316</td>
<td>ONLINE</td>
<td>Pirtle T</td>
<td><a href="mailto:kanemoto.k@mccd.edu">kanemoto.k@mccd.edu</a></td>
<td>For course-specific questions contact the professor of the class.</td>
</tr>
<tr>
<td>2369</td>
<td>ONLINE</td>
<td>Pirtle T</td>
<td><a href="mailto:robinson.d@mccd.edu">robinson.d@mccd.edu</a></td>
<td>For course-specific questions contact the professor of the class.</td>
</tr>
<tr>
<td>2392</td>
<td>ONLINE</td>
<td>Garcia Martinez J</td>
<td><a href="mailto:juan.garcia955@mccd.edu">juan.garcia955@mccd.edu</a></td>
<td>For course-specific questions contact the professor of the class.</td>
</tr>
<tr>
<td>2394</td>
<td>ONLINE</td>
<td>Robinson D</td>
<td><a href="mailto:robinson.d@mccd.edu">robinson.d@mccd.edu</a></td>
<td>For course-specific questions contact the professor of the class.</td>
</tr>
</tbody>
</table>

## CRIMINAL JUSTICE (CRIM)

### CRIM-01 CRIMINOLOGY

(CSU breadth area D)
3 units: 3 hours lecture.
Prerequisite: ENGL-85.

This course is an analysis of the nature and patterning of criminality and theories of criminal behavior.

**MERCED**

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>1167</td>
<td>MW 02:00p-03:15p</td>
<td>Gregory B</td>
<td>LB-A-108</td>
</tr>
<tr>
<td>1213</td>
<td>TTh 03:30p-04:45p</td>
<td>Noblett D</td>
<td>VOC-141</td>
</tr>
</tbody>
</table>

### CRIM-02 INTRODUCTION TO CRIMINAL JUSTICE

(C-ID AJ 110)
3 units: 3 hours lecture.
Prerequisite: ENGL-85.

This course pertains to the history and philosophy of criminal justice in America. The course will emphasize the three major components of the system: court, corrections, law enforcement, and will then examine the role of each.

**MERCED**

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>1069</td>
<td>MW 09:30a-10:45a</td>
<td>Norris S</td>
<td>LB-A-108</td>
</tr>
<tr>
<td>1079</td>
<td>MW 03:30p-04:45p</td>
<td>Noblett D</td>
<td>VOC-141</td>
</tr>
<tr>
<td>6194</td>
<td>W 07:00p-09:50p</td>
<td>Johnson M</td>
<td>LCS-126</td>
</tr>
</tbody>
</table>

### 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**

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>1169</td>
<td>TTh 02:00p-03:15p</td>
<td>Gregory B</td>
<td>LB-A-108</td>
</tr>
</tbody>
</table>

### 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**

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>6411</td>
<td>M 07:00p-09:50p</td>
<td>Noblett D</td>
<td>VOC-141</td>
</tr>
</tbody>
</table>
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 11:00a-12:15p 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 origin, 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 MW 05:30p-06:45p Noblett D VOC-141  

CRIM-08 INTRODUCTION TO INVESTIGATION  
(C-ID AJ 140)  
3 units: 3 hours lecture.  
Advisory: ENGL-85.  
This course covers the fundamentals of investigation.  
MERCED  
1193 M 02:00p-04:50p Johnson M VOC-39  
LOS BANOS  
8276 W 07:00p-09:50p Hilliard D LB-A-103  

CRIM-10 WRITING FOR CRIMINAL JUSTICE  
3 units: 3 hours lecture.  
Prerequisite: CRIM-02, CRIM-04.  
This course covers the techniques of communicating facts, information, and ideas effectively in a simple, clear, and logical manner in the various types of criminal justice system reports: letters, memoranda, directives, and administrative reports.  
MERCED  
1171 MW 11:00a-12:15p Gregory B VOC-39  

CRIM-11 INTRODUCTION TO CORRECTIONS  
(C-ID AJ 200)  
3 units: 3 hours lecture.  
Advisory: ENGL-85.  
This course provides a critical analysis of punishment, the various types of punishment, alternatives to punishment, and the impact of punishment on the Criminal Justice System.  
MERCED  
1589 TTh 11:00a-12:15p Noblett D VOC-141  

CRIM-33 VIOLENCE IN THE FAMILY  
3 units: 3 hours lecture.  
Advisory: CRIM-02; ENGL-85.  
This course examines criminal law and the psycho-socio dynamics of child abuse, elder abuse, spousal abuse, and sexual assault.  
MERCED  
1014 TTh 09:30a-10:45a Johnson M VOC-141  

CRIM-35 NARCOTICS  
3 units: 3 hours lecture.  
Advisories: CRIM-02; ENGL-85.  
This course is a review of the laws restricting and governing the use of narcotics and dangerous drugs, the psychological and physiological effects of the use and addiction to narcotics and dangerous drugs, and the procedures used to combat the problems facing law enforcement and society in relation to narcotics and dangerous drugs.  
MERCED  
1751 MW 12:30p-01:45p Johnson M VOC-141  

CRIM-37 COMMUNICATION AND ETHICS IN LAW ENFORCEMENT  
3 units: 3 hours lecture.  
Advisories: ENGL-85; CRIM-02 or current employment as a law enforcement officer.  
This course covers the ethical issues created by the congruent and incongruent match of criminal justice philosophy and law enforcement practice. Effective communication styles for courtroom, testimony, interrogation, and verbal jujutsu will be examined, evaluated, and practiced.  
MERCED  
1062 TTh 03:30p-04:45p Norris S VOC-141  

CRIM-42D RESERVE OFFICER MODULE LEVEL 2  
[CILC area D]  
10 units: 162 total hours lecture, 54 total hours lab.  
Limitation on enrollment: 1Students 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. 2The absence of medical conditions that would prevent strenuous physical training during arrest and control methods training, use of force, and crimes in progress. Physicians’ clearance indicating good physical health must be presented to instructor at first class meeting. 3 Student must possess a valid California Drivers’ License.  
Prerequisite: CRIM-42C. Advisory: ENGL-85.  
This course satisfies the Level 2 Modular Format Basic Course training requirements of the Commission on Peace Officer Standards and Training (POST).  
MERCED  
9163 TTh 06:00p-09:50p Gregory B/Norris S VOC-141  
& SSU 08:00a-04:50p Gregory B/Norris S VOC-141  
Section 9163 is held from 01/19/16 to 02/16/16.  
Section 9163 requires 149 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 9163 requires a $250 fee for materials and ammunition.  

CROP PRODUCTION (CROP)  
CROP-12 COMMERCIAL VEGETABLE AND GARDEN PRODUCTION  
3 units: 2 hours lecture, 3 hours lab.  
Advisories: ENGL-85; MATH-80 or MATH-85.  
This course is a study of vegetable production covering the botany, cultural production, harvesting, processing, growth characteristics, fertility, pests, and marketing of the major warm season and cool season vegetable crops in California.  
MERCED  
6426 M 05:10p-10:00p Terra M PS-1  

DRAFTING TECHNOLOGY (DRFT)  
DRFT-04A FUNDAMENTALS OF COMPUTER-AIDED DRAFTING  
3 units: 2 hours lecture, 3 hours lab.  
Advisories: INDT-38; MATH-80 or MATH-85; ENGL-84 or READ-81.  
This course uses AutoCAD. The student will progress through the fundamental and some intermediate commands.  
MERCED  
9171 WC MTWTh 01:00p-05:05p Thornburgh J VOC-40  
Section 9171 is held from 01/19/16 to 02/25/16.
DRFT-40D ADVANCED PARAMETRIC MODELING
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: DRFT-04C.
This course uses Inventor and SolidWorks. Students will use advanced commands in both programs. Some of the topics covered are 3D sketches, Tabular Parts, Large Assemblies, and Top-Down Assemblies.

MERCED
9172 WC MTWTh 08:15a-11:45a Thormburgh J VOC-40
Section 9172 is held from 02/29/16 to 04/14/16.

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

MERCED
9169 WC MTWTh 08:15a-12:20p Thormburgh J VOC-40
Section 9169 is held from 01/19/16 to 02/25/16.

DRFT-10 RENDERING AND ANIMATION
3 units: 2 hours lecture, 3 hours lab.
Advisory: DRFT-04C or DRFT-42B.
This course uses 3DS Max Design. Students will learn how to create objects in 3DS, Box Modeling, Material mapping, Rendering, and Animation. Students will also learn how to import objects for use in animations and how to complete basic video editing.

MERCED
9173 WC MTWTh 08:30a-12:00p Thormburgh J VOC-40
Section 9173 is held from 04/18/16 to 05/26/16.

DRFT-25 DESCRIPTIVE GEOMETRY
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: DRFT-04A, DRFT-05. Advisory: MATH-81.
This course involves the use of computer-aided drafting and hand sketching to solve problems and communicate ideas.

MERCED
9170 WC MTWTh 12:15p-03:45p Thormburgh J VOC-40
Section 9170 is held from 02/29/16 to 04/14/16.

DRFT-35 CAPSTONE DESIGN PROJECT
3 units: 2 hours lecture, 3 hours lab.
Prerequisites: DRFT-04C or DRFT-43. One-way corequisite: DRFT-10.
This course will guide students in the design process. Students will learn the steps in creating a new design (identify problem, planning, research, design, documentation, presentation).

MERCED
9174 WC MTWTh 01:00p-04:30p Thormburgh J VOC-40
Section 9174 is held from 04/19/16 to 05/26/16.

DRFT-44 PRINT READING AND SKETCHING
3 units: 2 hours lecture, 3 hours lab.
Advisories: READ-81, ENGL-84; MATH-80 or MATH-85.
This course is for technical students and other personnel who must be skilled in reading industrial prints.

MERCED
9018 WC MW 01:00p-04:35p Russell C PS-2
& TTh 01:00p-04:35p Russell C MA-2
Section 9018 is held from 01/19/16 to 03/01/16.

DRFT-59 BASIC DRAFTING
3 units: 2 hours lecture, 3 hours lab.
Advisories: READ-81, ENGL-84; MATH-80 or MATH-85.
This course covers principles of mechanical drawing and drafting. It is designed to help students communicate through sketching and drawing. The communication is covered as a presentation of ideas through drawings.

MERCED
6568 M 05:10p-10:00p Post T VOC-40

DRAMA (DRAM)

DRAM-01 INTRODUCTION TO THEATER
(C-ID THTR 111) (CSU breadth area C1/C2) (IGETC area 3B)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course is an introduction to the art of theater that delves into the nature of theatrical presentation, elements of dramatic structure, and the contributions of the playwright, actor, director, designer, technician, and audience.

MERCED
1075 MW 12:30p-01:45p Morriston J ART-1
1421 TTh 11:00p-12:15p Heidelbach C IAC-106
Section 1421 requires theater attendance at the expense of the student.

LOS BANOS
4296 F 09:00a-11:50a Morriston J LB-B-112

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

MERCED
9205 TWTh 05:00p-08:20p Heidelbach C THTR-STG
Section 9205 is held from 02/02/16 to 03/17/16.
Auditions will be held February 2, 2016; 05:00p-09:50p; THTR-STG.
COMMENTS: Registration NOT allowed before first night of class. Students registering for DRAM-02-9205 must also register for DRAM-02L-9206.

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

MERCED
9206 54 hours by arrangement Heidelbach C THTR-STG
Section 9206 is held from 04/04/16 to 04/17/16.
MANDATORY ORIENTATION: April 4, 2016; 05:30p-09:20p; THTR-STG.
COMMENTS: Auditions/Interviews will be held the first night of class during the required mandatory orientation. Registration NOT allowed before first night.

DRAM-08 THEATRE HISTORY: ANCIENT TO ROMANTICISM
(C-ID THTR 113)
(CSU breadth area C1) (IGETC area 3A)
3 units: 3 hours lecture.
Prerequisite: ENGL-01A.
A study of theatre history, from its origins through to the mid 19th Century, including the influence of staging, acting styles, socio-political movements and culture upon the playwright and his/her work. Eastern and Western
ELCT-36  NETWORKING TOPOLOGIES AND CABLING
3 units: 2 hours lecture, 3 hours lab.
Advisories: ELCT-51B; ENGL-85; MATH-80 or MATH-85.
This is a course designed to provide the student with information and knowledge to prepare for the industry-standard Building Industry Consulting Service International (BICSI)

MERCED
9262  MTWTh 01:00p-04:50p  Walls W  VOC-42
Section 9262 is held from 03/07/16 to 04/19/16.

ELCT-40C  ROUTING AND SWITCHING IN THE ENTERPRISE
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: CPSC-40B or ELCT-40B.
Complex configurations of switching devices in the enterprise network are introduced to students. Variable Length Subnet Masking (VLSM) is emphasized and Internet Protocol version 6 (IPv6) is introduced in device configurations.

MERCED
9258  MTWTh 08:00a-11:50a  Walls W  VOC-42
Section 9258 is held from 01/19/16 to 02/29/16.

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

MERCED
9259  MTWTh 08:00a-11:50a  Walls W  VOC-42
Section 9259 is held from 03/07/16 to 04/19/16.

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

MERCED
6153  T 05:10p-10:00p  Hamilton A  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). The main topics introduce students to the PLC’s basic hardware configuration and programming techniques.

MERCED
9104  W 09:00a-01:15p  Hamilton A  IT-1
Section 9104 is held from 01/22/16 to 03/19/16.

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

MERCED
9105  FSat 09:00a-01:15p  Hamilton A  IT-1
Section 9105 is held from 01/22/16 to 03/29/16.
EMER-50B EMERGENCY MEDICAL TECHNICIAN 1, MODULE B
4.5 units: 3.75 hours lecture, 2.25 hours lab.
Limitation on enrollment: Negative TB skin test or negative chest x-ray for TB within 1 year; A CPR course based on American Red Cross Professional Rescuer or American Heart Association Healthcare Provider. Prerequisite: EMER-50A. Advisories: ALLH-67; ENGL-85.
This course meets the requirements of Title 22, Division of California Administrative Code. Students successfully completing EMER-50A and EMER-50B are eligible to take the EMT 1 certifying exam from the National Registry of Emergency Medical Technicians.
MERCED
9063 TTh 09:30a-02:55p Donnelly B VOC-39
Section 9063 is held 01/19/16 to 03/24/16.
9067 TTh 05:30p-09:20p Aanstad J VOC-39
Section 9067 is held on 03/08/16 to 05/27/16.
18 hours by arrangement to be held on one Saturday and one Sunday.

ENGINEERING (ENGR)
ENGR-18 ELECTRICAL CIRCUITS ANALYSIS
4 units: 3 hours lecture, 3 hours lab.
Prerequisite: PHYS-04B. One-way corequisite: MATH-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.
MERCED
1012 TTh 11:00a-12:15p Gargova S IT-4A
& M 02:00p-04:50p Gargova S VOC-43
1928 TTh 11:00a-12:15p Gargova S IT-4A
& W 11:00a-01:50p Gargova S VOC-43

ENGR-30 INTRODUCTION TO ENGINEERING
[CILC area C, D]
2 units: 1 hour lecture, 3 hours lab.
Advisories: ENGL-85; MATH-C.
This course covers three areas: a description of engineering careers, a factual comparison of engineering degrees and transfer universities, and a discussion of the academic skills required to earn an engineering degree. Successful students will be able to articulate their engineering career goals.
MERCED
1979 TTh 02:00p-03:50p Gargova S SCI-105

ENGR-45 ENGINEERING MATERIALS
4 units: 3 hours lecture, 3 hours lab.
Prerequisites: CHEM-04A; MATH-04A; PHYS-04A. Advisory: ENGL-85.
This course is an introduction to the atomic and microscopic structure of modern engineering materials.
MERCED
1332 MWF 09:00a-09:50a Gargova S SCI-105
& Th 08:00a-10:50a Gargova S SCI-105

ENGLISH (ENGL)
ENGL-01A COLLEGE COMPOSITION AND READING
(C-ID ENGL 100) (CSU breadth area A2) (IGETC area 1A) [CILC area G]
4 units: 4 hours lecture.
Prerequisite: ENGL-85. Advisory: LRNR-30.
This course focuses on critical reading and thinking, research strategies, and scholarly composition with proper documentation at the college transfer level. Students write expository, analytical, and argumentative essays informed by assigned readings, discussion, and/or research.
ONLINE/HYBRID
2304 ONLINE Piro V
CONTACT: For course-specific questions contact the instructor at piro.v@mccd.edu. For technology problems contact the help desk at www.mccd.edu/myhelp/ or (209) 381-6565.
ORIENTATION: January 19, 2016; 06:00p-07:50p; IAC-124.
IN-CLASS SESSIONS: Midterm March 15, 2016; 06:00p-07:50p;
COMMENTS: Students who do not attend the mandatory orientation or in-class Sessions will be dropped in favor of waitlisted students.

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

ONLINE
White A
Section 2319 students should check their Merced College student email for instructions from the instructor on or before the first day of classes. Students will be expected to log into the course on Blackboard and complete a mandatory assignment within the first week of classes or risk being dropped.

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

ONLINE
Hundley A
Section 2360 students should check their Merced College student email for instructions from the instructor on or before the first day of classes. Students will be expected to log into the course on Blackboard and complete a mandatory assignment within the first week of classes or risk being dropped.

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

ONLINE
Taylor Lankford T
Section 2385 students should check their Merced College student email for instructions from the instructor on or before the first day of classes. Students will be expected to log into the course on Blackboard and complete a mandatory assignment within the first week of classes or risk being dropped.

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

ONLINE
Huntington P
Section 2396 students should check their Merced College student email for instructions from the instructor on or before the first day of classes. Students will be expected to log into the course on Blackboard and complete a mandatory assignment within the first week of classes or risk being dropped.

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

ONLINE
Kahlert S
Section 2912 is held from 01/19/16 to 03/18/16.

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

ONLINE
Kahlert S
Section 1933 is a Learning Community with POSC-01-1698.

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

ENGL-01B INTRODUCTION TO LITERATURE
(C-ID ENGL 120) (CSU breadth area C2) (IGETC area 3B)
3 units: 3 hours lecture.
3 units: 3 hours lecture.
3 units: 3 hours lecture.
3 units: 3 hours lecture.
3 units: 3 hours lecture.

Prerequisite: ENGL-01.
This course introduces representative works from four major genres: short story, novel, drama, and poetry.

ONLINE/HYBRID
Hundley A
Section 2385 students should check their Merced College student email for instructions from the instructor on or before the first day of classes. Students will be expected to log into the course on Blackboard and complete a mandatory assignment within the first week of classes or risk being dropped.

CONTACT: For course-related questions, email the course instructor at hundley.a@mccd.edu. For technology problems or questions, contact the Student Help Desk at www.mccd.edu/myhelp/ or (209) 381-6565.
**SPRING 2016 CLASSES**

### 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.

**MERCED**
- 1922 WC  **TTh**  09:30a-10:45a  Mumford J  VOC-38

### 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.

**MERCED**
- 1740 WC  **TTh**  08:00a-09:15a  Rempel D  VOC-138

### 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.

**MERCED**
- 1994 WC  **TTh**  11:00a-12:15p  Barba M  IAC-120

### ENGL-12 CREATIVE WRITING
(C-ID ENGL 200)
3 units: 3 hours lecture.
Prerequisite: ENGL-01A. Advisory: ENGL-01B.
A course designed to provide experience in the writing of poetry, drama, fiction, and creative non-fiction and to aid the student in becoming aware of the craft of writing as described and/or demonstrated by professional writers. The class is conducted primarily as a workshop in which students read their work for constructive criticism.

**MERCED**
- 6536  **W**  05:30p-06:20p  Withers M  AHC-130

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

**MERCED**
- 1258 WC  **MWF**  07:00a-07:50a  Piro V  IAC-123
- 1324  **MWF**  08:00a-08:50a  Strand M  VOC-110
- 1151  **MWF**  12:00p-12:50p  Toth R  VOC-10
- 1998 WC  **MWF**  01:00p-01:50p  Danielson D  ART-2
- 1741 WC  **TTh**  11:00a-12:15p  Mumford J  VOC-111
- 1624 WC  **TTh**  12:30p-01:45p  Fries M  IAC-109
- 1168  **TTh**  02:00p-03:15p  Strand M  VOC-10
- 1991 WC  **TTh**  02:00p-03:15p  Rempel D  VOC-143
- 6065  **M**  07:00p-09:50p  Staff  IAC-122
- 6100  **W**  07:00p-09:50p  Staff  IAC-122

### LOS BANOS
- 4358 WC  **MW**  12:30p-01:45p  Nelson K  LB-B-135
- 4360 WC  **TTh**  09:30a-10:45a  Kludt K  LB-B-136
- 4362 WC  **F**  09:00a-11:50a  Barnes L  LB-B-111

### 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**
- 1276 WC  **TTh**  12:30p-01:45p  Fries M  IAC-109

### 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.

**MERCED**
- 1300  **DAILY**  11:00a-11:50a  Toth R  IAC-123
- 1299  **MTWTh**  10:30a-11:35a  de la Cruz Y  IAC-122
- 1089 WC  **MWF**  07:55a-09:20a  Flatt S  IAC-123
- 1293  **MWF**  09:30a-10:55a  Lankford T  VOC-143

### LOS BANOS
- 4361 WC  **MW**  08:00a-10:15a  Long J  LB-B-112

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

**MERCED**
- 1308 WC  **DAILY**  08:00a-08:50a  Smith V  ART-2
- 1304  **MWF**  07:55a-09:20a  Staff  VOC-111
- 1999 WC  **MWF**  09:30a-10:55a  Flatt S  VOC-111
- 1930 SI  **MWF**  11:05a-12:30p  McBride J  IAC-120
- 1940  **MWF**  11:05a-12:30p  Lankford T  ART-2
- 1096 LC  **MWF**  12:45p-02:10p  Lankford T  VOC-143

Section 1090 is a Learning Community with READ-81-1270.

**MERCED**
- 1311 WC  **TTh**  08:00a-10:15a  Gonzalez H  VOC-110
- 1314 WC  **TTh**  08:00a-10:15a  Epstein-Corbin S  IAC-122
- 1173 WC  **TTh**  10:30a-12:45p  Kahler S  VOC-110
- 1506 WC  **MTWTh**  08:00a-09:05a  Mumford J  IAC-120

**LC**
- Section 1506 is a Learning Community with READ-81-1031.

**MERCED**
- 1313 WC  **MW**  08:00a-10:15a  Gonzalez H  IAC-122
- 6205 WC  **TTh**  05:30p-07:45p  Diaz K  VOC-111

### LOS BANOS
- 4368 WC  **MW**  08:00a-10:15a  Friaz R  LB-B-135
- 4370  **TTh**  12:30p-02:45p  Kimoto S  LB-B-135
- 8368 WC  **MW**  05:00p-07:45p  McNally P  LB-B-135

---

**LC** - Learning Community class. See page 55 for details.
**$+$** - Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.
**SI** - Supplemental Instruction class. See page 76 for details.
**$+$** - Online/Hybrid Classes. See page 58 for details.

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

MERCED  
1166  MWF  09:15a-10:20a  White A  IAC-120  
& MWF  11:00a-11:50a  White A  IAC-124  
1201 WC  MWF  11:45a-12:50p  Temple J  VOC-110  
& WC  01:00p-01:50p  Temple J  IAC-139  
1222 WC  MWF  01:00p-02:05p  Goldeen P  VOC-110  
& MWF  12:00p-12:50p  Goldeen P  IAC-140  
1916 WC  MWF  02:15p-03:20p  Epstein-Corbin S  VOC-10  
& WC  03:30p-04:45p  Epstein-Corbin S  IAC-139  
1225 WC  MW  02:00p-03:00p  Huntington P  IAC-120  
& WC  04:00p-05:15p  Huntington P  IAC-139  
1739 WC  MTWTh  11:00a-11:50a  Ortiz K  VOC-138  
& WC  10:00a-10:50a  Ortiz K  IAC-139  
1178 TTh  10:00a-11:50a  McBride J  IAC-124  
& TTh  12:00p-01:15p  McBride J  IAC-140  
1251 TTh  12:00p-01:50p  Gonzalez H  VOC-10  
& TTh  02:00p-03:15p  Gonzalez H  IAC-124  
1221 TTh  12:00p-01:50p  Taber J  VOC-134  
& TTh  02:00p-03:15p  Taber J  IAC-140  
1787 TTh  12:00p-01:50p  Rocha M  VOC-110  
& TTh  09:00a-10:10a  Rocha M  IAC-139  
1216 WC  TTh  02:00p-03:50p  Fure J  VOC-110  
& TTh  04:00p-05:15p  Fure J  IAC-139  
1921 TTh  04:00p-05:50p  White M  ART-2  
& TTh  06:00p-07:15p  White M  IAC-139  
1923 WC  TTh  02:00p-03:50p  Lloyd N  VOC-111  
& TTh  04:00p-05:15p  Staff  IAC-124  
1252 MTWTh  07:00a-07:50a  Staff  VOC-110  
& MWTTh  08:00a-08:50a  Staff  IAC-140  
1096 MTWTh  09:00a-09:50a  Martin Ward S  ART-2  
& MWTTh  10:00a-10:50a  Martin Ward S  IAC-140  
1218 WC  MTWTh  12:00p-12:50p  Baker W  IAC-123  
& MW  01:00p-02:15p  Baker W  IAC-140  
1554 MTWTh  03:00p-03:50p  Zamora J  VOC-111  
& MTW  04:00p-04:50p  Zamora J  IAC-140  
1229 MTWTh  04:00p-04:50p  Staff  IAC-120  
& MTWTh  05:00p-05:50p  Staff  IAC-140  
1427 MTWTh  02:20p-03:10p  Toth R  VOC-111  
& MTWTh  03:20p-04:35p  Toth R  IAC-124  
6008 $ WC  MW  05:30p-07:20p  Hundley A  IAC-120  
& MTWTh  07:30p-08:45p  Hundley A  IAC-140  
Section 6008 requires the Aplia/Enhanced InSite bundle with software access codes. Fees apply, please refer to www.mercedcollegebookstore.com.

6175 WC  MW  05:30p-07:20p  Baker W  IAC-123  
& MW  07:30p-08:45p  Baker W  IAC-139  
6206 WC  MW  05:30p-07:20p  Moua P  VOC-143  
& MTWTh  07:30p-08:45p  Moua P  IAC-140  
6382 TTh  05:30p-07:20p  Doell E  VOC-110  
& TTh  07:30p-08:45p  Doell E  IAC-140

LOS BANOS
ENGL-85 at the Los Banos Campus requires the Aplia bundle with software access code. Fees apply, please refer to www.mercedcollegebookstore.com.

4376 WC  MW  08:00a-09:50a  Nelson K  LB-B-111  
& MW  10:00a-11:15a  Nelson K  LB-A-109  
4378 WC  MW  10:00a-11:50a  Kimoto S  LB-B-136  
& MW  12:30p-01:45p  Kimoto S  LB-A-109  
4380 WC  MW  12:00p-01:50p  Franks S  LB-B-136  
& WC  02:00p-03:15p  Franks S  LB-A-109  
4382 WC  MW  11:45p-03:50p  Franks S  LB-B-135  
& WC  04:00p-05:15p  Franks S  LB-A-109  
4386 WC  TTh  10:00a-11:50a  Nelson K  LB-B-135  

ENGL-90 FOUNDATIONS IN READING AND WRITING I  4 units: 4 hours lecture.  Advisory: Upon entering the course it is recommended that the student be able to read commonly used words and sound out words of more than two syllables.
This course will introduce students to text-based reading and writing at four levels below transfer. Upon entry, students should be able to identify sight words and sound out unfamiliar words.

1176 MWF  02:15p-03:20p  Thatcher K  ART-2

FIRE TECHNOLOGY (FIRE)

FIRE-30 FIRE PROTECTION ORGANIZATION  3 units: 3 hours lecture.  Advisory: ENGL-85.
This course provides an introduction to fire protection; career opportunities in fire protection and related fields; philosophy and history of fire protection; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; and introduction to fire strategy and tactics.

MERCED  
1280 MW  09:30a-10:45a  McCall T  VOC-39

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

MERCED  
1961 MW  12:30p-01:45p  McCall T  VOC-39

FIRE-63A BASIC FIREFIGHTER I, ACADEMY A  8 units: 7 hours lecture, 3 hours lab.
This course provides manipulative and technical training in basic concepts of fire department organization, miscellaneous equipment and tools, fire behavior and extinguishment theory, fire fighter safety, self-contained breathing apparatus, and portable fire extinguishers.

MERCED  
9140 MW  06:00p-09:50p  Donnelly B  VOC-39  
& SSU  180 hrs by arr  Donnelly B  VOC-39
Section 9140 is held from 01/19/16 to 03/18/16.  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.  During this course, there are modules offered that qualify for certain state and federal certifications. If the student passes the module, he/she may have the option to pay the state or federal costs of these certificates; approximate combined cost $60. Uniform required. Physicians’ clearance required. Instructor signature required.
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. Students must supply instructor approved personal protective equipment (required instructional material).

**MERCED**

9141 MWF 10:00a-11:25a Rida A ART-4

**FRENCH (FREN)**

**FREN-01 ELEMENTARY FRENCH I**

(CSU breadth area C2) (IGETC area 6)

5 units: 5 hours lecture.

Advisory: READ-81, ENGL-84.

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

**MERCED**

1950 $ WC TTh 10:00a-11:25a Rida A ART-4

**FREN-02 ELEMENTARY FRENCH II**

(CSU breadth area C2) (IGETC area 6)

5 units: 5 hours lecture.

Advisory: FREN-01 or 1 year of high school French.

This course 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 $ WC TTh 10:00a-11:25a Rida A ART-4

**GEOGRAPHY (GEOG)**

**GEOG-01 PHYSICAL GEOGRAPHY**

(CSU breadth area B1) (IGETC area 5A)

3 units: 3 hours lecture.

Prerequisite: ENGL-85.

This course is a spatial study of the Earth’s dynamic physical systems and processes. Topics include: Earth’s sun geometry, weather, climate, water, landforms, soil, and the biosphere. Emphasis is on the interrelationships among environmental and human systems and processes and their resulting patterns and distributions.

**ONLINE/HYBRID**

2358 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.

**GEOG-01L PHYSICAL GEOGRAPHY LABORATORY**

(C-ID GEOG 111) (CSU breadth area B1/B3) (IGETC area 5C)

1 unit: 3 hours lab.

Advisory: ENGL-85.

This course focuses on the development of skills and analytic thinking in explaining landform processes, weather phenomena, climate patterns, and vegetation patterns.

**MERCED**

6171 Th 05:30p-08:20p Phillips S IAC-106

**GEOG-02 WORLD GEOGRAPHY**

(C-ID GEOG 125 ) (CSU breadth area D) (IGETC area 4)

3 units: 3 hours lecture.

Advisory: ENGL-85.

This course is a survey of the geography of the world’s regions. The study includes the ways in which environmental resources are utilized to satisfy the needs of mankind.

**ONLINE/HYBRID**

2327 ONLINE Morimoto D

CONTACT: morimoto.d@mccd.edu or (209) 384-6349.

COMMENTS: Access code and login 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.

**GEOG-02L WORLD GEOGRAPHY LABORATORY**

(C-ID GEOG 126 ) (CSU breadth area D) (IGETC area 4)

1 unit: 3 hours lab.

Advisory: ENGL-85.

This course covers the geographical study of the world’s regions. The study includes the ways in which environmental resources are utilized to satisfy the needs of mankind.

**ONLINE/HYBRID**

2357 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.

**GEOLOGY (GEOL)**

**GEOL-01 PHYSICAL GEOLOGY**

(C-ID GEOL 101) (CSU breadth area B1/B3) (IGETC area 5A/5C)

4 units: 3 hours lecture, 3 hours lab.

Advisory: ENGL-85; MATH-C.

This is a beginning course in geology stressing the beneficial and destructive forces of nature and their causes. A field trip is required for this class.

**MERCED**

1451 $ WC 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**

(C-ID GEOL 111) (CSU breadth area B1/B3) (IGETC area 5A/5C)

4 units: 3 hours lecture, 3 hours lab.

Advisory: ARCH-01 or GEOL-01; ENGL-01A.

This course covers the geological history of the earth and the development of plant and animal life as traced through the rock and fossil records.

**MERCED**

6082 TTh 05:30p-06:45p Davies R SCI-105

& T 07:00p-09:50p Davies R SCI-105

Section 6082 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.

**GEOL-03 EARTH SCIENCE**

(C-ID GEOL 121) (CSU breadth area B1/B3)

4 units: 3 hours lecture, 3 hours lab.

Advisory: ENGL-85.

An introduction to the essentials of Earth Science including the geosphere, atmosphere, hydrosphere, and solar system.

**MERCED**

1259 TTh 09:30a-10:45a Davies R SCI-205

& W 11:00a-01:50p Davies R SCI-105
GERMAN (GERM)

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

MERCED
1128 WC MWF 11:05a-12:30p Kreide C IAC-108
Section 1128 requires the purchase of the MBTI assessment for approximately $13.20. Additional information will be provided in class.

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.
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 WC MWF 11:05a-12:30p Kreide C IAC-108
Section 1129 requires the purchase of the MBTI assessment for approximately $13.20. Additional information will be provided in class.

GUIDANCE (GUID)

GUID-30 FOUNDATIONS AND STRATEGIES FOR COLLEGE SUCCESS
(CSU breadth area E)
3 units: 3 hours lecture.
Advisory: ENGL-84.
This comprehensive course integrates the cultivation of skills, values, and attitudes indicative of confident, capable students/individuals with problem solving and critical/creative thinking.

ONLINE/HYBRID
2334 ONLINE Cambridge
CONTACT: For course-specific questions, contact the professor of the class cambridge.i8@mccd.edu. For technology problems, contact the help desk at www.mccd.edu/myhelp/ or (209) 384-6565.

2351 ONLINE Vang N
CONTACT: For course-specific questions, contact the professor of the class gina.vang1@mccd.edu. For technology problems, contact the help desk at www.mccd.edu/myhelp/ or (209) 384-6565.

MERCED
1800 MWF 07:00a-07:50a Hardcastle C VOC-138
Section 1800 requires the purchase of access to the Strong Interest Inventory for about $8.55. Additional information will be provided in class.

1134 MWF 12:00p-12:50p Vang N VOC-139
Section 1134 requires the purchase of access to the Strong Interest Inventory for about $8.55. Additional information will be provided in class.

1790 TTh 02:00p-03:15p Helfgott S AHC-123
Section 1790 requires the purchase of the MBTI assessment for approximately $13.20. Additional information will be provided in class.

6019 M 07:00p-09:50p Maples I VOC-111
Section 6019 requires the purchase of the MBTI assessment for approximately $13.20. Additional information will be provided in class.

LOS BANOS

Los Banos GUID-30 classes require 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.

4476 WC TTh 09:30a-10:45a Rodriguez L LB-B-106
9906 WC MW 10:00a-12:05p Aalgaard K LB-B-134
Section 9906 is held from 02/22/16 to 05/20/16.

DOS PALOS

7930 WC Th 06:00p-08:50p Aalgaard K DPHS
Section 7930 is held at Dos Palos High School; 1701 E. Blossom St, Room 14; Dos Palos.
Section 7930 requires the purchase of the MBTI assessment for approximately $13.20 and the Strong Interest Inventory for about $8.55. Additional information will be provided in class.

LIVINGSTON

7002 M 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.

MERCED
1734 LC TTh 09:30a-10:45a Renteria E ART-1
Section 1734 is a Puente Learning Community with ENGL-01A-1235.
6028 M 05:30p-08:20p Garcia C VOC-10
Section 6028 requires the purchase of the MBTI assessment for approximately $13.20. Additional information will be provided in class.

GUID-48 LIFE AND CAREER PLANNING

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

ONLINE/HYBRID
2350 ONLINE Saldana B
CONTACT: For course-specific questions, contact the professor of the class sabrina.frias@mccd.edu. For technology problems, contact the help desk at www.mccd.edu/myhelp/ or (209) 384-6565.

2360 ONLINE Frias S
CONTACT: sabrina.frias@mccd.edu
COMMENT(S): Registered students must contact instructor prior to course start date.
Section 2350 requires the purchase of access to the Strong Interest Inventory for about $8.55. Additional information will be provided in class.

MERCED
1249 MWF 08:00a-08:50a Souza 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 Staff VOC-139
Section 6228 requires the purchase of the MBTI assessment for approximately $13.20. Additional information will be provided in class.
GUID-54 FOUNDATIONS AND STRATEGIES FOR ACADEMIC RECOVERY
3 units: 3 hours lecture.
Advisories: READ-81, ENGL-84.
This course is appropriate for students wishing to improve their academic standing.

ONLINE/HYBRID
2352 ONLINE  Solo G
CONTACT: For course-specific questions, contact solo.g@mccd.edu. For technology problems, contact the help desk at www.mccd.edu/myhelp/ or (209) 381-6565.

MERCED
GUID-54 at the Merced and Los Banos Campus requires the purchase of the MBTI assessment for approximately $13.20. Additional information will be provided in class.

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

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

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

MERCED
1386 MWF  09:00a-09:50a  Souza VOC-139
1197 MWF  11:00a-11:50a  Staff VOC-139
1780 MWF  01:00p-01:50p  Staff VOC-139
1373 TTh  12:30p-01:45p  Clark S VOC-139
6425 Th  07:00p-09:50p  Renteria E VOC-139

LOS BANOS
4480 WC  TTh  11:00a-12:15p  Aalgaard K LB-B-106

HEALTH (HLTH)

HLTH-15 DRUGS, ALCOHOL, AND TOBACCO
(CSU breadth area E)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course will give students a basic understanding of the psychophysiological effects of drugs, alcohol, and tobacco.

MERCED
1997 TTh  12:30p-01:45p  Severo S GYM-2

HISTORY (HIST)

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

ONLINE/HYBRID
2306 ONLINE  Harvey E
MERCED
1384 TTh  11:00a-12:15p  Fong A VOC-8

HIST-04B HISTORY OF CIVILIZATION: PART II
(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
1407 MWF  12:00p-12:50p  Seymour D IAC-110
1585 TTh  12:30p-01:45p  Lorenz M AHC-129

LOS BANOS
8498 MW  05:30p-06:45p  Cook J LB-B-107

HIST-09A INTRODUCTION TO EAST ASIAN CIVILIZATION: CHINA
(IGETC area 3B)
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  11:00a-12:15p  Lorenz M IAC-109

HIST-17A UNITED STATES HISTORY AND UNITED STATES CONSTITUTION
(CSU breadth area C2/F1/F2)  (IGETC area 3B)
3 units: 3 hours lecture.
Advisories: ENGL-01A.
This is an extensive survey course of United States history from the period of exploration to the Reconstruction Period. The course covers the social, political, economic, and constitutional development of the nation.

ONLINE/HYBRID
2331 ONLINE  Steeley J
CONTACT: For course-specific questions, contact the professor for the class, steeley.j@mccd.edu. For technology problems, contact the help desk at www.mccd.edu/myhelp/ or (209) 381-6565.

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

2398 ONLINE  Cook J
CONTACT: For course-specific questions contact the professor of the class james.cook@mccd.edu. For technology problems contact the Help Desk at www.mccd.edu/myhelp/ or (209) 381-6565.

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

32 • CLASSES •
LC-Learning Community class. See page 55 for details.$+$Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.
SI-Supplemental Instruction class. See page 76 for details.
WC-Class requires a Web Component. Contact the instructor for details.
HIST-17B  UNITED STATES HISTORY AND CALIFORNIA STATE AND LOCAL GOVERNMENT
(CSU breadth area C2/D/F1/F2)  (IGETC area 3B/4)
3 units: 3 hours lecture.
Advisories: ENGL-01A.  
This course is a continuation of HIST-17A from the end of the Reconstruction Period in 1877 to the present. It examines national, state, and local history from the late 19th century to the present.

HIST-17BH  HONORS UNITED STATES HISTORY AND CALIFORNIA STATE AND LOCAL GOVERNMENT
(CSU breadth area C2/D/F1/F2)  (IGETC area 3B/4)
3 units: 3 hours lecture.
Limitation on enrollment: Enrollment in the Honors Program. (See the college catalog for a description of enrollment requirements.)  
Advisories: ENGL-01A; ENGL-13/13H or PHIL-13/13H.
This course examines our national, state, and local history and government from the late 19th century to the present.

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

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

HIST-29  HISTORY OF CALIFORNIA
(CSU breadth area D)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course is a survey of the early history of California through to the present, starting with the original peoples of California, the discovery and settlement of the area by the Spanish, the Mexican period, American conquest and occupation, and the gold rush.

HMNG-01  ELEMENTARY HMONG I
(CSU breadth area C2)  (IGETC area 6)
5 units: 5 hours lecture.
Prerequisite: HMNG-01.
This course is for the continuation of HMNG-01. The focus will be on further development of listening, speaking, reading and writing in a cultural context.

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

HONORS (HNRS)
HNRS-40D  HONORS SEMINAR: THE PHILOSOPHY OF SEX AND LOVE
2 units: 2 hours lecture.
Limitation on enrollment: Enrollment in the Honors Program.
This course will focus on the in-depth discussion and analysis of religious and philosophical theories pertaining to sex and love.

HUMAN SERVICES (HMSV)
HMSV-20  SOCIAL WELFARE & SOCIAL WORK
3 units: 3 hours lecture.
Advisories: ENGL-01A.
A practical and general study of theoretical concepts and institutional frameworks that guide social welfare policy and practice.

HMSV-21  HUMAN BEHAVIOR AND THE HELPING PROCESS
3 units: 3 hours lecture.
Advisories: ENGL-01A.
This course examines the history and philosophies of human services; identifies what constitutes genuine and empathic relationships; analyzes the role of conflict in individual and societal systems; demonstrates a broad range of relevant communication skills and strategies, and assists students in designing integrated services using innovative practices in diverse settings.

Si-Supplemental Instruction class.  See page 76 for details.
Online/Hybrid Classes.  See page 58 for details.

class requires a Web Component.  Contact the instructor for details.
**HUM-02 STUDIES IN HUMANITIES -- RENAISSANCE TO PRESENT**

(CSU breadth area C2)  (IGETC area 3B)

3 units: 3 hours lecture.

Prerequisite: ENGL-01A.

Advisories: ENGL-85; MATH-80 or MATH-85.

The principal aims of this course are to examine human existence and cultural endeavors from the Renaissance to the present.

**HUM-02H HONORS STUDIES IN HUMANITIES -- RENAISSANCE TO PRESENT**

(CSU breadth area C2)  (IGETC area 3B)

3 units: 3 hours lecture.

Limitation on enrollment: Enrollment in the Honors Program. See the college catalog for a description of enrollment requirements.

The principal aim of this course is to examine human existence and cultural endeavors from the Renaissance to the present.

**HUM-15 COMPARATIVE CULTURES**

(CSU breadth area C2/D)  (IGETC area 3B/4)

3 units: 3 hours lecture.

Advisory: ENGL-01A.

This course surveys the historical development and social structures of several different cultures in the United States.

**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. Feature-length films will be screened.

**INDT-10 AGRICULTURAL AND INDUSTRIAL TECHNICAL SKILLS**

(ALSO: MECH-10)

3 units: 2 hours lecture, 3 hours lab.

Advisories: ENGL-85; MATH-80.

This course provides an introduction to basic technical skills required throughout the industrial areas. The course includes identification and use of tools and materials, tool sharpening and care, hot and cold metal work, pipefitting, electrical wiring fundamentals, basic woodworking, concrete materials and mixes, and sketching and estimating.

**INDT-35 ELECTRICAL WIRING: RESIDENTIAL AND INDUSTRIAL**

3 units: 2 hours lecture, 3 hours lab.

Advisory: READ-81; ENGL-84; MATH-80 or MATH-85.

This course covers basic residential and industrial theory.

**INDT-41 INDUSTRIAL POWER TRANSMISSION**

3 units: 2 hours lecture, 3 hours lab.

Advisories: ENGL-85; MATH-80 or MATH-85.

This course covers industrial power transmission systems. The components studied are gear reduction, torque multiplication, direct drive, belt drive, chain drive, bearings, seals, and related components.

**JPNS-01A ELEMENTARY JAPANESE**

(CSU breadth area C2)

2.5 units: 2.5 hours lecture.

Advisories: ENGL-81; ENGL-84; MATH-80 or MATH-85.

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

**KINE-01 INTRODUCTION TO KINESIOLOGY**

(C-ID KIN 100)

3 units: 3 hours lecture.

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

This course is an introduction to the interdisciplinary approach to the study of human movement. An overview of the importance of the sub-disciplines in kinesiology will be discussed.

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

(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.

**KINE-03 INTRODUCTION TO ATHLETIC TRAINING**

3 units: 2 hours lecture, 3 hours lab.

Advisory: ENGL-85.

This is an introductory course in recognition, assessment, management, care and prevention of injuries occurring in physical activities.
KINE-13 BEGINNING BASKETBALL  
1 unit; 3 hours lab.  
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.  
This course offers the beginner 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**  
1636  
MWF  09:00a-09:50a  
Russell W  
GYM-1

KINE-14 BEGINNING VOLLEYBALL  
1 unit; 3 hours lab.  
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.  
This course begins with the basic skills and court positions necessary to enjoy the sport.  
**MERCED**  
6334  
M  07:00p-09:50p  
Serna R  
GYM-1

KINE-16 FOOTBALL-OFFENSIVE DEVELOPMENT  
1 unit; 3 hours lab.  
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.  
This course provides an open laboratory experience for those people who desire an individualized strength program using a combination of exercise machines and class competition will also be included.  
**MERCED**  
1636  
MWF  09:00a-11:15a  
McCall S  
FBPF

KINE-23 LIFEGUARD TRAINING  
2 units; 1.5 hours lecture, 1.5 hours lab.  
Limitation on Enrollment: Students must pass American Red Cross lifeguarding prerequisite skills. Advisory: KINE-24B.  
This course provides entry-level lifeguard participants with the knowledge and skills to prevent, recognize and respond to aquatic emergencies and to provide care for breathing and cardiac emergencies, injuries and sudden illnesses until emergency medical services (EMS) personnel take over.  
**MERCED**  
1946  
TTh  03:30p-06:45p  
Kelly P  
GYM-5

KINE-24A BEGINNING SWIMMING  
1 unit; 3 hours lab.  
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.  
This course is a general introduction to swimming and aquatics. It is designed for the beginner or non-swimmer who wants to learn aquatic fundamentals and receive stroke instruction in the front crawl, elementary backstroke, and sidestroke.  
**MERCED**  
9128  
MWF  10:00a-11:15a  
McCall S  
POOL  
Section 9128 is held from 03/14/16 to 05/27/16.

KINE-24B TECHNIQUES AND STROKE DEVELOPMENT FOR SWIMMING  
1 unit; 3 hours lab.  
Advisory: KINE-24A.  
This course is designed for the intermediate swimmer. Emphasis is placed on technique and stroke development of the front crawl, elementary backstroke, and side stroke. Back crawl, breaststroke, butterfly, turns, dives, and fitness and training concepts will also be introduced.  
**MERCED**  
1639  
MWF  11:00a-11:50a  
Serna R  
POOL  
Section 1639 Lab requires pool participation

KINE-24C SWIMMING FOR FITNESS  
1 unit; 3 hours lab.  
Advisory: KINE-24B.  
This course is designed for the swimmer who has mastered the basic skills and is ready for more advanced swimming techniques. Emphasis is placed on the competitive swimming strokes, turns, starts, and principles of training.  
**MERCED**  
1640  
TTh  11:00a-12:15p  
Halpin W  
POOL

KINE-31 AEROBIC TRAINING  
1 unit; 3 hours lab.  
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.  
This class uses a variety of aerobic activities to improve cardio-respiratory endurance.  
**MERCED**  
4656  
MW  12:30p-01:45p  
Mendes D  
LBPC  
Section 4656 is located at Positive Changes; 1001 6th Street; Los Banos.

KINE-32 CIRCUIT WEIGHT TRAINING  
1 unit; 3 hours lab.  
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.  
The equipment (single station exercise machines) and routine utilized in the fitness lab are designed to exercise all major muscle groups for a well-rounded fitness program with the non-athletic in mind.  
**MERCED**  
1516  
MWF  08:00a-08:50a  
Russell W  
GYM-5  
1516  
MWF  11:00a-11:50a  
Botsford S  
GYM-5  
6012  
MW  05:30p-06:45p  
Kelly P  
GYM-5  
6061  
TTh  05:30p-06:45p  
Kelly P  
GYM-5

KINE-33 WEIGHT TRAINING  
1 unit; 3 hours lab.  
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.  
An open laboratory experience for those people who desire an individualized strength program using a combination of exercise machines and free weights.  
**MERCED**  
1071  
MWF  10:00a-10:50a  
Russell W  
FHA  
1081  
MWF  11:00a-11:50a  
Staff  
FHA  
1085  
MWF  12:00p-12:50p  
Cruz O  
FHA  
1956  
MWF  01:00p-01:50p  
Kelly P  
FHA  
1126  
TTh  09:30a-09:45a  
Serna R  
FHA  
1127  
TTh  11:00a-11:15a  
Severo S  
FHA  
1992  
TTh  12:30p-01:45p  
Casey R  
FHA

KINE-34 HYDROTHERAPY  
1 unit; 3 hours lab.  
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.  
Hydrotreatment is the use of water and its properties for therapeutic benefit.  
**MERCED**  
1946  
MWF  10:00a-11:50a  
Serna R  
GYM-5

Section 4656 is located at Positive Changes; 1001 6th Street; Los Banos.

**LC-Learning Community class. See page 55 for details.**  
**$** Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.  
**Si-Supplemental Instruction class. See page 76 for details.**  
**Online/Hybrid Classes. See page 58 for details.**  
**WC-Class requires a Web Component. Contact the instructor for details.**
KINE-42 GOLF
1 unit 3 hours lab.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity. Through lecture, demonstration, video tapes, and drills, the basic principles of the golf swing will be studied and analyzed.

MERCED 9164 MWF 09:00a-10:50a Devine N GYM-F
Section 9164 is held from 03/21/16 to 05/27/16.

KINE-90 ADAPTIVE PHYSICAL EDUCATION
1 unit: 3 hours lab.
Advisory: ENGL-90.
This course is a continuing program of individualized instruction for the physically disabled student allowing that student long-range participation in an adapted exercise physiology environment designed to created more physical independence for the student.

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

LANDSCAPE HORTICULTURE (LAND)
LAND-10B PLANT IDENTIFICATION AND USAGE: SPRING
(AG - EH 108L)
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 1005 T 02:00p-04:50p Tassey B AG-10 & Th 02:00p-03:50p Tassey B AG-10

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 1805 TTh 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 1587 MW 03:30p-04:45p Ryan A VOC-115 1061 TTh 03:30p-04:45p Ryan A VOC-115

LIBERAL STUDIES (LBST)
LBST-10 INTRODUCTION TO EDUCATION I
(C-ID EDUC 200)
3 units: 2 hours lecture, 3 hours lab.
Limitation on enrollment: Students must obtain a fingerprint clearance and negative TB clearance. Advisories: ENGL-01A; CPSC-30; MATH-81.
Students are introduced to the profession of teaching through an understanding of the California State Content Standards, the Credential process, the role of the public school teacher, and the personal qualities and characteristics necessary to be a successful teacher.

MERCED 6168 Th 05:30p-07:20p Acheson D IAC-123
Section 6168 requires 3 additional hours lab time per week. Section 6168 requires a MANDATORY orientation: January 21, 2016; 05:30p-07:20p; IAC-123. Students are required to purchase a Liberal Studies Handbook.

LBST-20 INTRODUCTION TO EDUCATION II
3 units: 2 hours lecture, 3 hours lab.
Limitation on enrollment: Students must obtain a fingerprint clearance and a negative TB clearance. Prerequisite: LBST-10.
Students are provided additional opportunities to explore the teaching profession and how their personalities will fit with their career choice.

MERCED 6250 W 05:30p-07:20p Acheson D VOC-139
Section 6250 requires 3 additional hours lab time per week. Section 6250 requires a MANDATORY orientation - January 20th, 2016; 5:30-7:20p; VOC-139. Students are required to purchase a Liberal Studies Handbook.

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.

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.

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. Topics discussed include leadership styles, the behavioral aspects of leadership, and effective leadership characteristics.

MERCED 1969 MW 11:00a-12:15p Casey R VOC-37
**MGMT-50F  TEAM BUILDING**

- 0.5 unit: 0.5 hour lecture.
- Advisories: READ-81, ENGL-84.

This course is designed to provide the student with an understanding of how teams work together, common problems teams encounter, and how to solve them. Pass/No Pass only.

**MERCED**

- 9157 Th 08:00a-12:15p Pistoresi J  BRC-122
  
  *Section 9157 is held 03/17/16 and 03/24/16.*

- 9158 Th 01:00p-05:15p Pistoresi J  BRC-122
  
  *Section 9158 is held 03/17/16 and 03/24/16.*

**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 in the area of attitude so that they may effectively maintain a positive attitude in the workplace and at home. Pass/No Pass only.

**MERCED**

- 9159 Th 08:00a-12:15p Pistoresi J  BRC-122
  
  *Section 9159 is held 02/18/16 and 02/25/16.*

- 9160 Th 01:00p-05:15p Pistoresi J  BRC-122
  
  *Section 9160 is held 02/18/16 and 02/25/16.*

**MGMT-50I  ATTITUDE IN THE WORKPLACE**

- 0.5 unit: 0.5 hour lecture.
- Advisories: READ-81, ENGL-84.

This course is designed to provide students with certain key skills in the area of attitude so that they may effectively maintain a positive attitude in the workplace. Pass/No Pass only.

**MERCED**

- 9161 Th 08:00a-12:15p Pistoresi J  BRC-122
  
  *Section 9161 is held 04/21/16 and 04/28/16.*

- 9162 Th 01:00p-05:15p Pistoresi J  BRC-122
  
  *Section 9162 is held 04/21/16 and 04/29/16.*

**MGMT-50K  GENERATIONAL DIVERSITY: MANAGING CROSS GENERATIONAL TEAMS**

- 0.5 unit: 0.5 hour lecture.
- Advisories: READ-81, ENGL-84.

This is the first time in America’s history that we have four generations working side by side in the workplace. Pass/No Pass only.

**MERCED**

- 9301 Th 08:00a-12:15p Pistoresi P  BRC-122
  
  *Section 9301 is held 02/04/16 and 02/18/16.*
  
  *Section 9301 will not meet on 02/11/16.*

- 9265 Th 01:00p-05:15p Pistoresi P  BRC-122
  
  *Section 9265 is held 02/04/16 and 02/18/16.*
  
  *Section 9265 will not meet on 02/11/16.*

**MGMT-50L  AUTHENTIC LEADERSHIP: KNOW YOURSELF/LEAD YOUR PEOPLE**

- 0.5 unit: 0.5 hour lecture.
- Advisories: READ-81, ENGL-84.

This course is designed to help leaders recognize their own strengths and learn how to invest in the strengths of those they lead. Pass/No Pass only.

**MERCED**

- 9302 Th 08:00a-12:15p Pistoresi J  BRC-122
  
  *Section 9302 is held 05/05/16 and 05/12/16.*

- 9266 Th 01:00p-05:15p Pistoresi J  BRC-122
  
  *Section 9266 is held 05/05/16 and 05/12/16.*

**MGMT-50P  EMOTIONAL INTELLIGENCE**

- 0.5 unit: 0.5 hour lecture.
- Advisories: READ-81, ENGL-84.

This course is an introduction to the principles of Emotional Intelligence (EQ). Pass/No Pass only.

**MERCED**

- 9303 Th 08:00a-12:15p Pistoresi P  BRC-122
  
  *Section 9303 is held 04/07/16 and 04/14/16.*

- 9267 Th 01:00p-05:15p Pistoresi P  BRC-122
  
  *Section 9267 is held 04/07/16 and 04/14/16.*

**MGMT-50S  LEADING WITH YOUR STRENGTHS**

- 0.5 unit: 0.5 hour lecture.
- Advisories: READ-81, ENGL-84.

This course will help students understand their unique strengths and how applying their strengths can give them their best opportunity for success. Through the Strengthsfinder 2.0 assessment, students will learn strategies to apply their strengths in the workplace and in everyday life. Pass/No Pass only.

**MERCED**

- 9300 Th 08:00a-12:15p Pistoresi J  BRC-122
  
  *Section 9300 is held 03/03/16 and 03/10/16.*

- 9264 Th 01:00p-05:15p Pistoresi J  BRC-122
  
  *Section 9264 is held 03/03/16 and 03/10/16.*

- 9264 Th 01:00p-05:15p Pistoresi J  BRC-122
  
  *Section 9264 requires the purchase of the book Strengthsfinder 2.0 and take the on-line assessment referenced in the back of the book. Students will need to print out the assessment reports for class work. Instructions will be given the first day of class. Students may not purchase a used book.*

- 9303 Th 08:00a-12:15p Pistoresi J  BRC-122
  
  *Section 9303 is held 04/07/16 and 04/14/16.*

- 9303 Th 08:00a-12:15p Pistoresi J  BRC-122
  
  *Section 9303 is held 04/07/16 and 04/14/16.*

- 9267 Th 01:00p-05:15p Pistoresi P  BRC-122
  
  *Section 9267 is held 04/07/16 and 04/14/16.*

**THE EVENING MANAGEMENT SERIES:**

1 2 3 4 5  

Indicates sequence in which courses should be taken.

**MGMT-50S  LEADING WITH YOUR STRENGTHS 1**

- 0.5 unit: 0.5 hour lecture.
- Advisories: READ-81, ENGL-84.

This course will help students understand their unique strengths and how applying their strengths can give them their best opportunity for success. Through the Strengthsfinder 2.0 assessment, students will learn strategies to apply their strengths in the workplace and in everyday life. Pass/No Pass only.

**MERCED**

- 9150 T 05:30p-08:20p Pistoresi J  AHC-125
  
  *Section 9150 is held from 01/19/16 to 02/02/16.*

- 9150 T 05:30p-08:20p Pistoresi J  AHC-125
  
  *Section 9150 requires the purchase of the book Strengthsfinder 2.0 and take the on-line assessment referenced in the back of the book. Students will need to print out the assessment reports for class work. Instructions will be given the first day of class. Students may not purchase a used book.*

**MGMT-52D  MANAGING ORGANIZATIONAL CHANGE 2**

- 0.5 unit: 0.5 hour lecture.
- Advisories: READ-81, ENGL-84.

This course is designed to provide the participant with an understanding of change and the influence it has on an organization and the individuals in that organization. Pass/No Pass only.

**MERCED**

- 9148 T 05:30p-08:20p Pistoresi J  AHC-125
  
  *Section 9148 is held from 02/09/16 to 02/23/16.*
MKTG-33 ADVERTISING
3 units: 3 hours lecture.
Advisory: CPSC-30; ENGL-85; AOM-61.
This is an introductory course in advertising principles and techniques. Areas of study will include advertising agencies, preparation of advertisements, including copyrighting, illustration and layouts, media selection, budgeting for advertising, psychology and persuasion of advertisements, and the use of advertising as a tool in sales promotion.
MERCED
6316 M 05:30p-08:20p Staff 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. It will be an intense course covering a review of pre-algebra, ratios, proportions, percents, measurements, basic algebra, plane and solid geometry.
MERCED
1749 DAILY 12:00p-12:50p Staff PS-2

MATH-C INTERMEDIATE ALGEBRA
4 units: 4 hours lecture.
Prerequisite: MATH-81. Advisory: ENGL-85.
This course covers factoring, functions and graphs, solving linear, quadratic, piecewise defined, exponential, and logarithmic equations, rational expressions and equations, complex numbers, and conic sections.
ONLINE/HYBRID
2308 $ HYBRID Kehoe J
CONTACT: (209) 386-6784; julie.kehoe@mccd.edu; https://sites.google.com/site/juliekehoe/
ORIENTATION: MANDATORY: January 22, 2016; 10:00a-11:50a; SCI-208.
IN-CLASS SESSIONS: MANDATORY - Mid-Term - March 18, 2016; 10:00a-11:50a; SCI-202: MANDATORY - Final Exam - To be announced in class.
COMMENTS: Section 2308 requires students to do online assignments. Additional fees apply. For specific text/access code please see your instructor. Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students.
2391 $ HYBRID Strait L
CONTACT: laura.strait@mccd.edu;
ORIENTATION: MANDATORY: January 20, 2016; 08:00a-09:50a; Los Banos Campus Room B-106.
IN-CLASS SESSIONS: MANDATORY - Mid-term #1 - March 1, 2016; 08:00a-09:50a; LB-B-106. Mid-term #2 - April 20, 2016; 08:00a-09:50a; LB-B-106. Final Exam - May 25, 2016; 08:00a-09:50a; LB-B-106.
COMMENTS: Students who do not attend the MANDATORY orientation will be dropped in favor of waitlisted students.
2376 $ HYBRID Meidinger M
CONTACT: meidinger.m@mccd.edu;
ORIENTATION: MANDATORY - January 19, 2016; 11:00a-12:50p; SCI-207.
IN-CLASS SESSIONS: MANDATORY - Mid-term #1 - March 1, 2016; 11:00a-12:50p; SCI-207. MANDATORY - Mid-term #2 - April 19, 2016; 11:00a-12:50p; SCI-207. MANDATORY - Final Exam - May 24, 2016; 11:00a-12:50p; SCI-207.
COMMENTS: Students who do not attend the MANDATORY orientation will be dropped in favor of waitlisted students.
MATH-02 PRECALCULUS
(CSU breadth area B4) (IGETC area 2)
4 units: 4 hours lecture.
Prerequisite: MATH-25. Advisory: ENGL-85.
This course is designed to prepare students for calculus. Topics of study include polynomials, complex numbers, algebra of functions, inverse functions, exponential, logarithmic, trigonometric functions and their graphs, systems of equations and inequalities, topics in analytic geometry, and polar coordinates.

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. Prerequisite: MATH-25. Advisory: ENGL-85.
This course is designed to prepare students for calculus. Topics of study include polynomials, complex numbers, algebra of functions, inverse functions, exponential, logarithmic, trigonometric functions and their graphs, systems of equations and inequalities, topics in analytic geometry, and polar coordinates.

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

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

MATH-04C MULTIVARIABLE CALCULUS
(CSU breadth area B4) (IGETC area 2)
4 units: 4 hours lecture.
Prerequisite: MATH-04A. 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.

MATH-06 ELEMENTARY DIFFERENTIAL EQUATIONS
(C-ID MATH 240) (CSU breadth area B4) (IGETC area 2)
3 units: 3 hours lecture.
Prerequisite: MATH-04C. Advisories: ENGL-85; MATH-08.
This course is an introduction to ordinary differential equations (ODEs), including analytical, graphical and numerical methods, as well as a variety of modeling applications.
### MATH-07 DISCRETE STRUCTURES (ALSO: CPSC-07)
(CSU breadth area B4)
3 units: 3 hours lecture.
Prerequisite: CPSC-06 or ENGR-14 or CPSC-14; MATH-02 or MATH-02H.
This course is an introduction to the discrete structures used in Computer Science with an emphasis on their applications. Topics covered include: functions, relations and sets; basic logic; proof techniques; basics of counting; graphs and trees; and discrete probability.
**MERCED**  
1263  TTh  01:00p-02:50p  Mitchell P/ Kanemoto K  
VOC-113

### MATH-08 LINEAR ALGEBRA
(C-ID MATH 250) (CSU breadth area B4) (IGETC area 2)
3 units: 3 hours lecture.
Prerequisite: MATH-04B. Advisory: ENGL-85.
This course is an introduction to systems of linear equations, matrices, determinants, vector spaces, linear transformations, eigenvalues and eigenvectors with a strong emphasis on applications.
**MERCED**  
6123  M  08:00p-09:20p  Staff  
SC-202

### MATH-10 ELEMENTARY STATISTICS
(CSU breadth area B4) (IGETC area 2)
3 units: 3 hours lecture.
Prerequisite: MATH-C. Advisory: ENGL-85.
This course covers descriptive statistics, including organization and presentation of data; elementary probability including permutations, combinations, binomial and normal distributions; inferential statistics, including random sampling, hypothesis testing, regression, and correlation and chi-square distribution.
**ONLINE/HYBRID**  
2325  $  HYBRID  
CONTACT: clark.j@mccd.edu; (209) 384-6331  
**MERCED**
1453  TTh  08:00a-09:15a  Navarro I  SCI-204

### MATH-15 FINITE MATHEMATICS
(CSU breadth area B4) (IGETC area 2)
3 units: 3 hours lecture.
Prerequisite: MATH-C. Advisory: ENGL-85.
This course covers algebra review, linear models, systems of linear equations, matrices, linear programming, mathematics of finance, set theory, and probability.
**MERCED**  
1503  MWF  11:00a-11:50a  Clark J  
VOC-112
6285  MW  07:00p-08:15p  Navares D  SCI-203

### MATH-20A BASIC STRUCTURE OF MATHEMATICS I
(CSU breadth area B4)
3 units: 3 hours lecture.
Prerequisite: MATH-C. Advisory: ENGL-85.
This course is designed to complete the first course of a two-course sequence in basic concepts of mathematics required for students preparing to teach at the elementary school level.
**MERCED**  
1504  $  WC  TTh  11:00a-12:15p  Montoya J  
VOC-112
6123  M  08:00p-09:20p  Staff  
SCI-202

### MATH-20B BASIC STRUCTURE OF MATHEMATICS II
(CSU breadth area B4)
3 units: 3 hours lecture.
Prerequisite: MATH-C. Advisories: ENGL-85; MATH-20A.
This course is designed to complete the second course of a two-course sequence in basic concepts of mathematics required for students preparing to teach at the elementary school level.
**MERCED**  
6539  TTh  07:30p-08:45p  Staff  
VOC-112

### MATH-25 TRIGONOMETRY
(CSU breadth area B4)
3 units: 3 hours lecture.
Prerequisite: MATH-C. Advisory: ENGL-85.
This course is a review of right triangle geometry, real numbers, functions and graphs, trigonometric functions and their graphs, identities, inverse trigonometry functions, solve trigonometric equations, solve right triangles, solve triangles using the Law of Sines, and Law of Cosines.
**ONLINE/HYBRID**  
2330  $  HYBRID  
CONTACT: patrick.mitchell@mccd.edu  
**MERCED**
1745  MWF  08:00a-08:50a  Staff  SCI-202
1230  $  WC  MWF  12:00p-12:50p  Diaz L  SCI-110
6350  MW  07:30p-08:15p  Bautista E  SCI-204
6423  TTh  05:30p-06:45p  Malekzadeh B  SCI-203
9071  MWF  08:00a-09:50a  Staff  IAC-143  
Section 9071 is held from 03/21/16 to 05/27/16.  
Section 9071 requires students to register for MATH-C-9070.  
9137  $  WC  MWF  09:00a-10:50a  Meidinger M  SCI-208  
Section 9137 is held from 01/19/16 to 03/18/16.  
Section 9137 requires students to register for MATH-02-9138.
**LOS BANOS**  
4596  TTh  09:30a-10:45a  Schlinger C  LB-B-110

### MATH-26 COLLEGE ALGEBRA FOR LIBERAL ARTS
(C-ID MATH 150) (CSU breadth area B4) (IGETC area 2)
3 units: 3 hours lecture.
Prerequisite: MATH-C. Advisory: ENGL-85.
This is a college level course in algebra for majors in the Liberal Arts.
**MERCED**  
1510  MWF  09:00a-09:50a  Meidinger S  SCI-204
MATH-80 PREALGEBRA
4 units: 4 hours lecture.
Prerequisite: MATH-91. Advisories: READ-91.
This course covers the real number system and operations of addition, subtraction, multiplication, and division including whole numbers, integers, decimals, fractions and application problems involving percents, ratios, proportions, and square roots.

ONLINE/HYBRID
2305 $ HYBRID Rieg K
CONTACT: kristen.rieg@mccd.edu
ORIENTATION: MANDATORY: January 21, 2016; 09:00a-10:50a; SCI-208.
IN-CLASS SESSIONS: MANDATORY - Mid-Term - March 17, 2016; 09:00a-10:50a; SCI-208. MANDATORY - Final Exam - May 26, 2016; 09:00a-10:50a; SCI-208.
COMMENTS: Students who do not attend the MANDATORY orientation will be dropped in favor of waitlisted students.

2329 $ HYBRID Meidinger S
CONTACT: meidinger.s@mccd.edu
ORIENTATION: MANDATORY: January 19, 2016; 02:00p-03:50p; SCI-110.
IN-CLASS SESSIONS: MANDATORY - Mid-Term #1 - March 01, 2016; 02:00p-03:50p; SCI-110. MANDATORY - Mid-Term #2 - April 12, 2016; 02:00p-03:50p; SCI-110. MANDATORY - Final Exam - May 24, 2016; 01:00p-02:50p; SCI-110.
COMMENTS: Students who do not attend the MANDATORY orientation will be dropped in favor of waitlisted students.

MERCED
1016 MWF 12:00p-12:50p Staff SCI-208
& Th 12:00p-12:50p Staff SCI-207
1535 MTWTh 02:00p-02:50p Staff SCI-207
1500 WC TTh 08:00a-09:50a Tenn B SCI-203
1133 MTWTh 09:00a-10:50a Staff VOC-112
1527 WC MTWTh 10:00a-10:50a Kehoe J VOC-112
1529 MTWTh 02:00p-02:50p Staff SCI-203
1434 WC MTWF 01:00p-01:50p Bruley M VOC-112
1531 T 10:00a-11:50a Linebaugh A IAC-143
& Th 10:00a-11:50a Linebaugh A IAC-144
6289 WC TTh 07:30p-09:20p Kaur S SCI-207
9069 MTWF 08:00a-09:50a Staff VOC-140
Section 9069 is held from 03/21/16 to 05/27/16.
Section 9069 requires students to register for MATH-91-9068.
9072 WC MTWTh 02:00p-03:50p Albert M IAC-144
Section 9072 is held from 01/19/16 to 03/17/16.
Section 9072 requires students to register for MATH-81-9073.

LOS BANOS
4604 WC MW 12:00p-01:50p Strait L LB-B-137
4606 WC TTh 10:00a-11:50a Strait L LB-B-111
8606 WC TTh 05:30p-07:20p Bhashkar H LB-B-111

MATH-81 BEGINNING ALGEBRA
4 units: 4 hours lecture.
Prerequisite: MATH-80. Advisory: ENGL-85.
This course covers the four basic operations on real numbers and algebraic expressions. It also includes the order of operations, graphing and solving linear and absolute value equations and inequalities, systems of linear equations, exponents, polynomials, and a brief introduction to functions.

ONLINE/HYBRID
2373 $ HYBRID Bruley M
CONTACT: bruley.m@mccd.edu
ORIENTATION: MANDATORY: January 19, 2016; 02:00p-03:50p; SCI-111.
IN-CLASS SESSIONS: MANDATORY - Mid-Term #1 - March 08, 2016; 02:00p-03:50p; SCI-111. Mid-term #2 - April 26, 2016; 02:00p-03:50p; SCI-111. MANDATORY - Final Exam - May 24, 2016; 01:00p-02:50p; SCI-111.
COMMENTS: Students who do not attend the MANDATORY orientation will be dropped in favor of waitlisted students.

MATH-85 CAREER TECHNICAL EDUCATION MATH
3 units: 2 hours lecture, 3 hours lab.
Advisory: MATH-80.
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
1462 MWTHF 08:00a-08:50a Staff IAC-144
1463 MWTHF 09:00a-09:50a Staff IAC-144
1466 MWTHF 12:00p-12:50p Mason C IAC-144
1449 MWTHF 01:00p-01:50p Linebaugh B IAC-144
1254 TTh 10:00a-11:50a Power J SCI-203
1454 MTWTh 02:00p-02:50p Rivero J SCI-204
1456 WC MTWTh 02:00p-02:50p Li S VOC-112
1464 WC MTWF 10:00a-10:50a Gargova S IAC-144
1465 WC MTWF 11:00a-11:50a Bruley M IAC-144
1461 WC T 12:00p-01:50p Cuarenta Gallegos IAC-144
& Th 12:00p-01:50p Cuarenta Gallegos IAC-143
6275 MW 05:30p-07:20p Supinger S VOC-112
6442 MW 05:30p-07:20p Lane J IAC-144
6163 MW 07:30p-09:20p Rivero J IAC-144
6277 TTh 05:30p-07:20p Mohan R IAC-144
9136 WC MTWTh 10:00a-11:50a Albert M SCI-202
9073 WC MTWTh 02:00p-03:50p Albert M IAC-144
Section 9073 is held from 03/21/16 to 05/26/16.
Section 9073 requires students to register for MATH-80-9072.

LOS BANOS
4610 WC MW 10:00a-11:50a Sutterfield L LB-B-106
4612 WC MW 12:00p-01:50p Schlinger C LB-B-137
4614 WC TTh 12:00p-01:50p Bryan J LB-B-137
8610 WC MW 05:30p-07:20p Narvaez J LB-B-134
9922 WC MTWTh 12:30p-01:45p Sutterfield M LB-B-134
Section 9922 is held from 02/22/16 to 05/20/16.

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

Si-Supplemental Instruction Classes. See page 58 for details.
LC-Learning Community class. See page 55 for details.
$-requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

WCC-Class requires a Web Component. Contact the instructor for details.
MATH-90  FUNDAMENTALS OF ARITHMETIC
3 units: 3 hours lecture.
Advisory: ENGL-90.
This course is an intensive review of the whole number system, including counting, notation, word names, and the number line.

MERCED
1539  MWF  09:00a-09:50a  Bell S   SCI-203
1538  MWF  01:00p-01:50p  Bell S   SCI-202
6443  TTh  07:00p-08:15p  Heng L   SCI-202
9130  MWF  10:00a-11:50a  Bell S   SCI-207

Section 9130 is held from 01/19/16 to 03/23/16.
Section 9130 requires students to register for MATH-91-9131.

LOS BANOS
4600  MW  11:00a-12:15p  Albertson I   LB-B-112

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
1540  MWF  08:00a-08:50a  Clark J   SCI-207
1543  MWF  12:00p-12:50p  Clamp R   VOC-112
1545  TTh  09:30a-10:45a  Diaz L   SCI-207
6290  W  07:00p-09:50p  Heng L   SCI-202
9068  MWF  08:00a-09:50a  Staff   VOC-140

Section 9068 is held from 01/19/16 to 03/19/16.
Section 9068 requires students to register for MATH-80-9069.
9131  MWF  10:00a-11:50a  Bell S   SCI-207
Section 9131 is held from 03/21/16 to 05/27/16.
Section 9131 requires students to register for MATH-90-9130.

MERCED COLLEGE

MECH-10  AGRICULTURAL AND INDUSTRIAL TECHNICAL SKILLS
(ALSO: INDT-10)
3 units: 2 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-80.
This course provides an introduction to basic technical skills required throughout the industrial areas.

MERCED
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.

MERCED
1206  F  08:00a-12:50p  Donovan T   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.

MERCED
9001  MTWTh  12:30p-04:00p  Donovan T   MA-1
Section 9001 is held from 02/29/16 to 04/06/16.

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

MERCED
9002  MTWTh  08:00a-11:50a  Fishman D   MA-1
Section 9002 is held from 01/19/16 to 03/23/16.

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.

MERCED
9003  MTWTh  08:00a-12:15p  Fishman D   MA-1
Section 9003 is held from 05/02/16 to 05/26/16.

MECH-31  EQUIPMENT SAFETY
1 unit: 1 hour lecture.
Advisories: ENGL-85; MATH-80.
This course is a study of safety on and about farm equipment and machines.

MERCED
9257  F  12:00p-04:15p  Fishman D   MA-1
Section 9257 is held from 01/22/16 to 02/19/16.

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

MERCED
9004  MTWTh  12:30p-04:55p  Donovan T   MA-1
Section 9004 is held from 01/19/16 to 02/23/16.

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.

MERCED
6083  W  05:10p-10:00p  Staff   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.

MERCED
6116  TTh  05:30p-09:20p  Donovan T   MA-1

MUSIC

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

MUSA-20  APPLIED MUSIC
(C-ID MUS 160)
.50 unit: 1.5 hours lab.
Limitation on enrollment: Students enrolling in MUSA-20 must be able to demonstrate a level of performance competence on their selected instrument or voice at a level equivalent to that of a music major attending a four-year college or university in the appropriate term of their freshman or sophomore year of studies.
Advisory: Concurrent participation in an appropriate ensemble and enrollment in appropriate-level major preparation courses (Theory, Musicianship, Keyboard, etc.)
This course provides for private individual instruction in voice, piano, or traditional band or orchestra instruments at a level equivalent to that of a
MUSG-10 MUSIC FUNDAMENTALS
(C-ID MUS 110) (CSU breadth area C1) (IGETC area 3A)
3 units: 3 hours lecture.
Advisory: ENGL-85.
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.

MUSG-12 CLASSICAL MUSIC HISTORY II
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course is a study of the important composers and their works in classical music from the classical era to the present day.

MUSG-13 JAZZ MUSIC HISTORY
(CSU breadth area C1) (IGETC area 3A)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course presents the history of jazz music from 1890 to present, including an introduction and analysis of major jazz artists and their contributions to this American art form.

MUSG-14 AMERICAN POPULAR MUSIC HISTORY
(CSU breadth area C1) (IGETC area 3A)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course presents an introduction to the history and literature of the popular music movement in the United States.

MUST-02 MUSIC THEORY II (DIATONIC HARMONY II)
3 units: 3 hours lecture.
Prerequisite: MUST-01.
This course is a continuation of MUST-01. It is the second semester of music theory studies.

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

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

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

**Si-Supplemental Instruction Class. See page 76 for details.**

**Online/Hybrid Classes. See page 58 for details.**

**WC-Class requires a Web Component. Contact the instructor for details.**
NUTR-10  NUTRITION
(CSU breadth area E)
3 units: 3 hours lecture.
Prerequisite: ENGL-85; Advisory: MATH-81.
This course presents an in-depth study of the essential nutrients and their functions, and the chemical composition of foods and their utilization in the body.

ONLINE/HYBRID
2348 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-Wednesday, January 20, 2016; 04:00p-04:50p; COM-2.

2349 ONLINE  Hobbs J
CONTACT: For course-specific questions contact the professor of the class jennifer.hobbs@mccd.edu. For technology problems contact help desk at www.mccd.edu/myhelp/ or (209) 381-6565.
ORIENTATION: MANDATORY - Tuesday, January 19, 2016; 04:00p-05:20p; COM-2.
IN-CLASS SESSION: MANDATORY - Tuesday, March 22, 2016; 04:00p-05:50p; VOC-38.

MERCED
1020 MW 11:00a-12:15p Pecchenino M AHC-128
1341 TTh 09:30a-10:45a Hobbs J AHC-123
1080 TTh 12:30p-01:45p Hobbs J AHC-124
1770 W 02:00p-04:50p Hobbs J VOC-38
6063 Th 05:30p-08:20p Cronk L AHC-128

LOS BANOS
4632 F 09:00a-11:50a Caudle N LB-B-110

NUTR-36  NUTRITION AND FOOD SERVICE SUPERVISED FIELD EXPERIENCE
2.5 units: 1 hour lecture, 4.5 hours lab.
Limitation on enrollment: Students must provide proof of a negative TB skin test or chest x-ray within past six months, immunizations and criminal background check. Prerequisite: NUTR-44. One-way corequisites: NUTR-42, NUTR 45. Advisories: ENGL-85; MATH-91.
This course is designed to help students learn problem solving and communication skills.

MERCED
1850 T 11:00a-12:50p Pecchenino M VOC-38
Section 1850 will meet on January 19, 26, February 9, 16, March 1, 22, April 12, 26 and May 10, 2016; VOC-38.
Section 1850 is an 18 week course with 99 contact hours; 18 hours of lecture to be held on the above scheduled dates and times. The remaining hours of field experience will be arranged by the instructor and dates to be announced.
Section 1850 requires a $35 background check fee that must be paid prior to the first day of class. Please stop by VOC-18 and the area secretary will provide you with the payment form needed to make your payment at our Student Fees Office located on the 3rd Floor of the Lesher Building.

NUTR-40  MENU PLANNING FOR FOOD SERVICE OPERATIONS
3 units: 3 hours lecture.
Prerequisite: NUTR-10; Advisories: ENGL-85.
This course covers the principles of menu planning for a variety of food service operations including childcare, schools, elder care, and restaurants.

MERCED
1576 MW 09:30a-10:45a Caudle N VOC-38

NUTR-41  INFANT AND TODDLER FEEDING
1 unit: 1 hour lecture.
Advisory: ENGL-85.
This course focuses on feeding typical and atypical developing infants beginning at birth with breast milk, formulas, first foods and progresses to textures and foods appropriate for the toddler. Course focuses on how to feed a baby, prevent baby bottle tooth decay and choking prevention. Students will learn about appropriate snacks, food safety aspects and food preparation for children with varying needs.

MERCED
9062 W 05:30p-08:20p Hobbs J AHC-128
Section 9062 is held 03/23/16 to 05/04/16.

NUTR-42  QUANTITY FOOD PREPARATION
3 units: 2.5 hours lecture, 1.5 hours lab.
One-way corequisites: NUTR-44. Advisories: ENGL-85; MATH-91.
This course addresses the preparation and service for quantity food service operations.

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

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

MERCED
9064 F 06:30p-09:20p Staff VOC-37
& S 08:00a-02:20p Staff VOC-37
Section 9064 is held from 03/04/16 to 03/12/16.
Section 9064 will meet Fridays March 04 & 11, 2016; 06:30p to 09:20p; and Saturdays March 05 & 12, 2016; 08:00-02:20p; VOC-37.
Section 9064 includes a 1/2 hour lunch on Saturdays.

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

MERCED
9065 MW 10:00a-11:50a Hobbs J AHC-124
Section 9065 is held 01/19/16 to 03/18/16.

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.

ONLINE/HYBRID
2915 ONLINE  Gerling S
CONTACT: For course-specific questions contact the professor of the class gerling.s@mccd.edu. For technology problems contact help desk at www.mccd.edu/myhelp/ or (209) 381-6565.
MANDATORY ORIENTATION: March 22, 2016; 02:00p-03:50p; IAC-124.
IN CLASS SESSIONS: April 12 & 26, 2016; and May 10, 2016, 02:00p-03:50p; IAC-124. Final Exam: May 24, 2016; 01:00p-02:50p; IAC-124.

NUTR-70G  BAKING BASIC & BUSINESS
1.5 units: 9 total hours lecture, 27 total hours lab.
Advisories: None.
This is a course designed to introduce basic bakery production. With the growing interest and demand in the food industry it is imperative that students are introduced to basics of food safety practices, quantifying recipes and understand the business sense to provide a quality product. This lecture and laboratory class will plan baked items to prepare, consider recipes and understand the business sense to provide a quality product.

MERCED
9183 TTh 05:30p-07:50p Staff VOC-142
Section 9183 is held from 01/19/16 to 03/18/16.
REGISTERED NURSING (REGN)

REGN-15 FOUNDATIONS OF NURSING
[CILC Area B,C,D,E,F,O]
9 units: 4 hours lecture, 15 hours lab TBA.
Limitation on enrollment: 1) Enrollment in the REGN program; 2) CPR card Module AC; 3) physical within past 6 months; 4) negative TB screening test within past 6 months or negative chest x-ray within past year; 5) proof of current immunizations; 6) criminal background clearance; 7) drug screening. Prerequisites: BIOL-16, BIOL-18, BIOL-20; ENGL-01A; MATH-C. Two-way corequisites: REGN-18.
Registered Nursing 15 (Foundations of Nursing) focuses on foundational concepts necessary for safe, patient-centered nursing care to a diverse patient population while integrating legal and ethical responsibilities of the nurse.
MERCED
1752 WTh 08:00a-09:50a Schindler W AHC-128
Section 1752 requires 270 hours by arrangement.

REGN-18 PHARMACOLOGY IN NURSING PRACTICE
3 units: 3 hours lecture.
Registered Nursing 18, Pharmacology in Nursing Practice, presents an overview of the basic principles of pharmacology including major drug classifications and prototypes.
ONLINE/HYBRID
2346 ONLINE Schindler W

REGN-24 ACUTE MEDICAL/SURGICAL AND NURSING OF THE CHILDBEARING FAMILY
10 units: 5 hours lecture, 15 hours lab TBA.
Limitation on enrollment: Enrollment in the REGN program 2nd semester. Prerequisite: REGN-15, REGN-18.
Registered Nursing 24 provides for the acquisition and application of nursing theory, communication, collaboration, and critical thinking skills necessary for safe, patient-centered nursing care to a developmentally and culturally diverse patient populations experiencing various common medical/surgical interventions and to the childbearing family.
MERCED
1754 MW 08:00a-10:15a Smith D AHC-123
Section 1754 requires 270 hours by arrangement.

REGN-34 ADVANCED MEDICAL/SURGICAL NURSING AND PEDIATRIC NURSING
(CSU breadth area E)
10 units: 5 hours lecture, 15 hours lab TBA.
Limitation on enrollment: Enrollment in the REGN program 3rd semester; CPR card Module AC; physical within past 6 months; negative TB screening test within past 6 months or negative chest x-ray within past year; proof of current immunizations; criminal background clearance; drug screening. Prerequisite: REGN-01 or REGN-24.
This course enlarges upon the concepts presented in REGN-15 and REGN-24 by introducing principles of care to maintain and/or restore homeostatic mechanisms in acute health problems.
MERCED
1755 TTh 08:00a-10:15a Provencio G AHC-124
Section 1755 requires 270 hours by arrangement.

REGN-44 ACUTE MEDICAL/SURGICAL NURSING AND MENTAL HEALTH NURSING
9 units: 4 hours lecture, 15 hours lab.
Limitation on enrollment: Enrollment in the REGN program 4th semester. Prerequisite: REGN-34.
Registered Nursing 44 builds on REGN-34, focusing on complex medical/surgical conditions of the high acuity patient and the patient at various levels of mental health promotion and mental illness management.
MERCED
1756 WTh 10:00a-11:50a Grise R AHC-125

VOCA TIONAL NURSING (VOCN)

VOCN-40 FOUNDATIONS OF NURSING
11 units: 5 hours lecture, 18 hours TBA lab.
Limitation on enrollment: Enrollment in the Vocational Nursing program; CPR card; physical; a negative TB skin test or chest x-ray within past 6 months; immunizations; proof of completion of an educational course of study through 12th grade or evidence of completion of the equivalent thereof (C2530VN Practice Act). Prerequisites: ALLH-67; BIOL-16 or BIOL-50; NUTR-10; VOCN-46A. Corequisites: VOCN-46B, VOCN-47A.
This course covers theory, principles, and practice of fundamental nursing skills needed to care for adult patients. Health and its preservation is stressed. Interpersonal relationships, community resources, and prevention and treatment of disease are studied.
MERCED
1072 T 10:00a-12:15p Alvarez C (lec) AHC-130
& T 01:00p-03:50p Alvarez C (lab) AHC-140
& W 08:00a-10:15a Alvarez C (lec) AHC-130
Section 1072 requires 270 lab hours by arrangement.
Section 1072 requires a $70.20 material fee (LVN Kit). This kit is sold only at the Merced College Bookstore and must be purchased one week before the semester begins.

VOCN-46A APPLIED MATHEMATICS FOR PHARMACOLOGY
1 unit: 1 hour lecture.
Prerequisites: ENGL-01A; MATH-81.
This is an introductory pharmacology course which includes an introduction to the professional context of drug administration, and study of the metric, apothecary, and household systems of measurement.
MERCED
9101 F 08:00a-09:50a Sparks R AHC-130
Section 9101 is held from 01/22/16 to 03/18/16.

VOCN-46B PHARMACOLOGY FOR NURSES
2 units: 2 hours lecture.
Limitation on enrollment: Enrollment in the Vocational Nursing Program. Prerequisite: VOCN-46A. Two-way corequisites: VOCN-40, VOCN-47A.
This is an introductory pharmacology course which uses effects and safe administration of medications.
MERCED
1073 T 08:00a-09:50a Sparks R AHC-130

VOCN-47A NURSING GUIDANCE I
1 unit: 1 hour lecture.
Limitation on enrollment: Enrollment in the Vocational Nursing program. Two-way corequisites: VOCN-40, VOCN-46B.
This course examines socialization and interpersonal communications related to vocational nursing.
MERCED
1074 W 11:00a-11:50a Col-Hamm C AHC-130

VOCN-48 INTRAVENOUS THERAPY/BLOOD WITHDRAWAL
2 units: 2 hours lecture.
Limitation on enrollment: Licensed as a Vocational Nurse (required by section 2860.5 of the Board of Vocational Nurses and Psychiatric Technicians) or Registered Nurse.
This short-term course is designed to prepare nurses to start and superimpose intravenous fluid and perform blood withdrawal as ordered by the physician.
MERCED
9061 SSU 08:00a-05:20p Sparks R AHC-130
Section 9061 is held from 03/05/16 to 03/13/16 and includes a 30 minute break.
Section 9061 requires a $41.23 materials fee. This fee must be paid at the Merced College Student Fees Office before the semester begins.
PHILOSOPHY (PHIL)

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

MERCED
1659 MWF 10:00a-10:50a Hallman M VOC-8
1660 TTh 11:00a-12:15p Hallman M IAC-108

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

MERCED
1245 MWF 10:00a-10:50a Hicks T IAC-145
1661 MWF 11:00a-11:50a Hicks T IAC-145
1747 MWF 12:00p-12:50p Hallman M IAC-109
1948 TTh 03:30p-04:45p Barnes L IAC-142
6341 T 07:00p-09:50p Barnes L VOC-9
9074 MWF 07:00a-08:50a Werness G IAC-146
Section 9074 is held from 03/21/16 to 05/27/16.
9146 MWF 07:00a-08:50a Werness G IAC-146
Section 9146 is held from 01/19/16 to 03/18/16.

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

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

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

MERCED
1668 WC MWF 07:00a-07:50a Piro V IAC-123
1742 MWF 08:00a-08:50a Strand M VOC-110
1666 MWF 12:00p-12:50p Toth R VOC-10
1257 WC MWF 01:00p-01:50p Danielson D ART-2
1942 WC TTh 11:00a-12:15p Mumford J VOC-111
1763 WC TTh 12:30p-01:45p Fries M IAC-109
1852 TTh 02:00p-03:15p Strand M VOC-10
1425 WC TTh 02:00p-03:15p Rempel D VOC-143
6384 M 07:00p-09:00p Staff IAC-122
6102 W 07:00p-09:00p Staff IAC-122

LOS BANOS
4646 WC MWF 12:30p-01:45p Nelson K LB-B-135
4648 WC TTh 09:30a-10:45a Kludt K LB-B-136
4650 F 09:00a-11:50a Barnes L LB-B-111

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
1275 WC TTh 12:30p-01:45p Fries M IAC-109

PHIL-15 COMPARATIVE RELIGIONS
(CSU breadth area A3) (IGETC area 3B)
3 units: 3 hours lecture.
Advisory: ENGL-01A.
This course surveys the historical background and fundamental
philosophical concepts of the major religions of the world, including
Hinduism, Buddhism, Shinto, Confucianism, Judaism, Christianity, Islam,
and some typical basic religions.

MERCED
1333 TTh 02:00p-03:15p Hicks T IAC-142

PHOTOGRAPHY (PHOT)

PHOT-10A INTRODUCTION TO PHOTOGRAPHY
3 units: 2 hours lecture, 3 hours lab.
Advisory: ENGL-85.
Introduction to Photography covers camera and darkroom principles of
black and white photography.

PHOT-10A requires that students provide their own DSLR or point
and shoot digital camera.

MERCED
1987 MW 08:00a-10:15a Sousa J ART-8
6011 W 05:10p-10:00p Gwartney J ART-8

PHOT-11A INTRODUCTION TO THE DIGITAL CAMERA
[CILC area A,B]
3 units: 2 hours lecture, 3 hours lab.
Advisory: AOM-50A; ENGL-85
This course introduces students to the creative use of digital cameras
through lectures, hands-on experience and computer use.

PHOT-11 requires a $40 material fee, which must be paid in Student
Fees during the first week of classes. Upon payment students will
receive a receipt to present to the instructor in class before using
materials. Students provide their own DSLR or point and shoot digital
camera.

MERCED
1502 TTh 01:00p-03:15p Perlin A ART-8
6130 Th 05:10p-10:00p Gwartney J ART-8

PHOT-35 STUDIO CAREERS IN PHOTOGRAPHY
3 units: 2 hour lecture, 3 labs.
Prerequisite: PHOT-10B.
This course covers advanced studio lighting through black and white
and color assignments. Students become acquainted with commercial
equipment and image processing related to portraiture, weddings, fashion,
product, and fine art photography.

PHOT-35 requires a $40 material fee, which must be paid in Student
Fees during the first week of classes. Upon payment students will
receive a receipt to present to the instructor in class before using
materials. Students provide their own DSLR or point and shoot digital
camera.

MERCED
6058 M 05:10p-10:00p Sousa J ART-8
PHOT-36 PHOTO PORTFOLIO EXPRESSIONS
3 units: 2 hour lecture, 3 hours lab.
Prerequisite: PHOT-10A.
This course explores the possibilities of visual language in relation to photographic self-promotion.
PHOT-36 requires a $40 material fee, which must be paid in Student Fees during the first week of classes. Upon payment students will receive a receipt to present to the instructor in class before using materials. Students provide their own DSLR or point and shoot digital camera.

PHED-15 ADAPTED PHYSICAL EDUCATION
1 unit: 3 hours lab.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.
Adapted Physical Education provides individual instruction for the physically disabled student or other students requiring individual approaches to health-related fitness activities.

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.

PHED-10A AEROBICS
1 unit: 3 hours lab.
Advisories: Good general health; absence of medical conditions that would prevent planned physical activity.
This is a choreographed exercise program set to music which improves cardiovascular fitness while conditioning and toning the whole body. Strenuous physical activity is required. Good general health is advised.

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.

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

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

PHYS-02B GENERAL PHYSICS II
(CSU breadth area B1/B3) (IGETC area 5A/5C) (C-ID PHYS 110)
4 units: 3 hours lecture, 3 hours lab.
Prerequisite: PHYS-02A. Advisory: ENGL-85.
PHYS-02B is a continuation of PHYS-02A with emphasis on electricity, magnetism, radiation, relativity, atomic and nuclear processes, astrophysics, cosmology, and a look toward the future.
PHYS-04A PHYSICS I
(C-ID PHYS 205/200S) (CSU breadth area B1/B3) (IGETC area 5A/5C)
4 units: 3 hours lecture, 3 hours lab.
Prerequisite: MATH-04A. Advisory: ENGL-85; MATH-04B.
This course is a calculus-based physics course intended for physics and engineering majors as well as some chemistry and math majors.

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

PHYS-04B PHYSICS II
(C-ID PHYS 210/200S) (CSU breadth area B1/B3) (IGETC area 5A/5C)
4 units: 3 hours lecture, 3 hours lab.
Prerequisites: PHYS-04A. One-way corequisite: MATH-04B.
Advisory: ENGL-85.
PHYS-04B is a continuation of PHYS-04A with emphasis on the areas of electricity, magnetism, and light.

MERCED
1046 TTh 11:00a-12:15p Jordan L  VOIC-140
& T 02:00p-04:50p Jordan L  SCI-106
1533 TTh 11:00a-12:15p Jordan L  VOIC-140
& T 02:00p-04:50p Jordan L  SCI-106

PHYS-04C PHYSICS III
(CSU breadth area B1/B3) (IGETC area 5A/5C) (C-ID PHYS 200S)
4 units: 3 hours lecture, 3 hours lab.
Prerequisite: MATH-04B; PHYS-04B. Advisory: ENGL-85.
PHYS-04C is a continuation of PHYS-04B. It emphasizes the laws of thermodynamics, relativity, and topics of modern physics.

MERCED
1691 TTh 12:30p-01:45p Jordan L  SCI-106
& M 11:00a-01:50p Jordan L  SCI-106
Section 1691 requires two field trips with minimal cost to the student.

PHYS-10 CONCEPTS IN PHYSICS
(CSU breadth area B1) (IGETC area 5A)
3 units: 3 hours lecture.
Advisories: ENGL-85; MATH-81.
This course is a survey of major concepts covered in physics. The concepts, as well as the understanding of general principles, will be developed through lecture, demonstrations, and discussion of everyday phenomena.

MERCED
1983 MWF 09:00a-09:50a Staff  SCI-205

PLANT SCIENCE (PLSC)
PLSC-12 WEEDS
3 units: 3 hours lecture.
Advisory: ENGL-85; MATH-80 or MATH-85.
This is a study of classification, identification, and life cycle of common and poisonous weeds in California which are detrimental to cultivated crops, grasslands, animals, and man.

MERCED
6180 T 06:00p-08:50p Stoddard C  PS-1

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

ONLINE/HYBRID
2393 ONLINE Gardner J
CONTACT: jennifer.gardner@mccd.edu
COMMENTS: Students need to log-in within the first two days of class or they will be dropped. Log-in instructions can be found at www.mccd.edu/myhelp/default.aspx or call (209) 381-6565.

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

LOS BANOS
4696 WC MW 12:30p-01:45p Gardner J  LB-B-107
4698 WC TTh 08:00a-09:15a Gardner J  LB-B-107

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

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

PSYCHOLOGY (PSYC)
PSYC-01A INTRODUCTION TO PSYCHOLOGY
(C-ID PSY 110) (CSU breadth area B1) (IGETC area 4)
3 units: 3 hours lecture.
Advisory: ENGL-85.
PSYC-01A is a survey course designed to provide an introduction to the facts and theories underlying human behavior.

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

MERCED
1949 MWF 10:00a-10:50a Lucey V  VOC-9
**PSYC-01B  INTRODUCTION TO PSYCHOLOGICAL RESEARCH METHODS**
(C-ID PSY 200)
3 units: 3 hours lecture.
Prerequisite: PSYC-01A or PSYC-01AH; MATH-10 or PSYC-05.
Advisory: ENGL-01A.
This course reviews psychological methods of research. Attention will be focused on foundations of experimental design, procedures and methodology for collecting research data, and techniques used to analyze, report, and present findings in APA format.

**MERCED**
1052 MWF 11:00a-11:50a Lucey V COM-5
1816 TTh 11:00a-12:15p Murphy J IAC-145

**LOS BANOS**
4706 MW 02:00p-03:15p Coahran S LB-B-106

**PSYC-05  INTRODUCTION TO STATISTICS IN PSYCHOLOGY**
(C-ID SOCI 125, MATH 110) (CSU breadth area B4) (IGETC area 2)
3 units: 3 hours lecture.
Prerequisite: MATH-C. Advisory: ENGL-01A.
The theory of parametric and nonparametric statistical methods and their application to psychological data.

**MERCED**
1876 MW 09:30a-10:45a Gargano G IAC-142
1759 TTh 09:30a-10:45a Gargano G IAC-142

**PSYC-22  HUMAN SEXUALITY**
(C-ID PSY 130) (CSU breadth area D/E) (IGETC area 4)
3 units: 3 hours lecture. 
Advisory: ENGL-85.
This course explores the psychology of human sexuality.

**MERCED**
1707 MWF 11:00a-11:50a Clifford J AHC-129
1887 Th 02:00p-04:50p Lucey V IAC-145
9144 MWF 12:00p-01:50p Clifford J AHC-129

**LOS BANOS**
4710 TTh 08:00a-09:15a Coahran S VOC-37

**PSYC-23  PERSONAL AND SOCIAL ADJUSTMENT**
(C-ID PSY 115) (CSU breadth area D/E) (IGETC area 4)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course examines personality factors as they relate to the problems of growth and adjustment.

**MERCED**
1508 M 11:00a-01:50p Murphy J LESH-111
9078 MWF 11:00a-12:50p Gargano G IAC-142

**DOS PALOS**
7946 T 06:00p-08:50p Pierce T DPHS

**PSYC-25  INTRODUCTION TO ABNORMAL PSYCHOLOGY**
(C-ID PSY 120) (CSU breadth area D) (IGETC area 4)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course is designed to provide the student with an understanding of abnormal behavior as delineated in the “Diagnostic and Statistical Manual of Mental Disorders.”

**MERCED**
1586 W 11:00a-01:50p Murphy J LESH-111
RADT-12A RADILOGIC PROCEDURES II
4 units: 3 hours lecture, 3 hours lab.
Limitation on enrollment: Enrollment in the Diagnostic Radiologic Technology Program.
This course covers basic radiographic anatomy and positioning of the lower gastrointestinal tract, biliary system, genitourinary system, vertebral column, bony thorax, mobile and trauma radiography.
MERCED
1718 T  08:00a-10:50a  Donnelly S  AHC-148
  & T  11:00a-01:50p  Donnelly S  AHC-150
1719 T  08:00a-10:50a  Donnelly S  AHC-148
  & Th  08:00a-10:50a  Donnelly S  AHC-150

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

RADT-13 RADILOGIC SCIENCES I
3 units: 2 hours lecture, 3 hours lab.
Limitation on enrollment: Enrollment in the Diagnostic Radiologic Technology Program. Prerequisite: CHEM-02A; MATH-C.
This course covers the theory and application of basic physics and radiation physics to diagnostic radiology.
MERCED
1717 M  08:00a-12:50p  Lang K  AHC-148

RADT-16A ADVANCED RADILOGIC PROCEDURES II
2.5 units: 2.5 hours lecture.
Limitation on enrollment: Enrollment in the Diagnostic Radiologic Technology Program.
This course is designed to provide entry-level radiography students with an introduction to and basic understanding of the operation of CT and MRI devices. In addition, the basic concepts of venipuncture and administration of diagnostic contrast agents will be introduced.
MERCED
1722 W  08:00a-10:15a  Donnelly S  AHC-148

RADT-16B ADVANCED CLINICAL EDUCATION I
10 units: 540 total TBA hours lab.
Limitation on enrollment: Enrollment in the Diagnostic Radiologic Technology Program.
This course provides continued clinical experience for application of theoretical principles and concepts covered in previous and current didactic coursework.
MERCED
1724 540 hours by arrangement  Lang K  HOSP

RADT-16C FLUOROSCOPY
2.25 units: 40.5 total hours lecture.
Limitation on enrollment: Enrollment in the Diagnostic Radiologic Technology Program.
This course is designed to prepare the senior radiography student to sit for the California Radiologic Technologist Fluoroscopy Permit examination.
MERCED
1716 W  10:30a-12:35p  Lang K  AHC-148

RADT-50 CAREER EXPLORATION IN MEDICAL IMAGING
SPRING 2016
MANDATORY ORIENTATION
1. Register for RADT-50. Students are urged to register early.
2. Attain a current TB screening test (within last 6 months) or chest x-ray report.
3. Purchase the RADT-50 handbook at the Merced College Bookstore prior to the orientation. The handbook should be read thoroughly prior to the orientation.
4. Purchase the RADT-50 monitoring badge available at the Merced College Campus Bookstore.
5. Attend an orientation meeting and bring the following items with you: your RADT-50 handbook, two copies of your TB screening test results or x-ray report (in process documentation is not acceptable), monitoring badge and registration printout (this will verify enrolment).

Clinical placement will be assigned during the mandatory orientation meeting. Students enrolling in RADT-50 must attend one of the following orientations. Enrolled students please do not procrastinate, plan on attending an early orientation date in the event an emergency comes up.
  Tuesday, January 19, 2016 @ 03:00p - AHC-148 or
  Thursday, January 21, 2016 @ 12:30p - AHC-148

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.
MERCED
1006 TTh  09:30a-10:45a  Johnston J  VOC-10
  & TTh  11:00a-12:15p  Johnston J  IAC-139
1042 TTh  11:00a-12:15p  White A  IAC-110
  & TTh  12:30p-01:45p  White A  IAC-124

LOS BANOS
4392 WC  TTh  08:00a-09:15a  Long J  LB-B-136
  & TTh  09:30a-10:45a  Long J  LB-A-110
8392 WC  MW  05:30p-06:45p  Cates K  LB-B-136
  & MW  07:00p-08:15p  Cates K  LB-A-110

READ-81 FOUNDATIONS IN READING III
4 units: 3 hours lecture, 3 hours lab.
Prerequisite: READ-80 or ESL-80. Advisory: Concurrent enrollment in ENGL-84.
This course is designed to improve a variety of reading comprehension skills and critical reading/thinking skills.
MERCED
1479 MWF  07:00a-07:50a  Staff  VOC-111
  & MWF  08:00a-08:50a  Staff  IAC-139
REAL ESTATE (REAL)

REAL-42 REAL ESTATE PRINCIPLES
3 units: 3 hours lecture.
Advisories: ENGL-85; MATH-80.
This course is an analysis of principles of real estate in California, history of California real estate, property, contracts, agency, listings, real estate financing, deeds, liens and encumbrances, escrows and title insurance, land descriptions, real estate mathematics, and real estate licensing and state regulations.

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 properties, management and leasing, taxes and real estate deals, land utilization, and professional and public relations.

SONOGRAPHY, DIAGNOSTIC MEDICAL (SONO)

SONO-45A INTEGRATIVE STUDY IN SONOGRAPHY
[CILC area B] 2 units: 2 hours lecture.
This course covers a comprehensive analysis and assessment of all previous diagnostic medical sonography instructional course work in preparation for writing the national registry examination.
### SPANISH (SPAN)

**SPAN-01  ELEMENTARY SPANISH**
(C-ID SPAN 100) (CSU breadth area C2) (IGETC area 6)  
5 units: 5 hours lecture.  
Advisory: ENGL-84.  
This course will focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency.  
**MERCED**  
1078  
W  08:00a-09:15a  Zelinsky C  AHC-157  
& W  10:00a-11:15a  Zelinsky C  AHC-157

**SPAN-02  ELEMENTARY SPANISH II**
(CSU breadth area C2) (IGETC area 3B/6)  
5 units: 5 hours lecture.  
Prerequisite: SPAN-01 or two years of high school Spanish.  
SPAN-02 is the continuation of SPAN-01. This course will focus on the further development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency.  
**MERCED**  
1828  
W  11:00a-11:50a  Sobalvarro N  ART-7  
Colomer-Flores M  
Section 1828 requires online assignments. Students need to have a purchased access code as well as a computer with internet connection and recording/listening capabilities.  
6377  
W  05:30p-07:45p  Garcia Diaz M  IAC-108  
Section 6377 requires online assignments. Students need to have a purchased access code as well as a computer with internet connection and recording/listening capabilities.

### SONOGRAPHY (SONO)

**SONO-45B  ADVANCED CLINICAL EXPERIENCE II**
[CILC area B]  
9 units: 28 hours TBA lab.  
Limitation on enrollment: Enrollment in the Diagnostic Medical Sonography program. Two-way corequisite: SONO-45C.  
This course provides clinical experience for application of theoretical principles and concepts covered in previous and current didactic course work.  
**MERCED**  
1077  
504 hours by arrangement  Zelinsky C  HOSP

**SONO-45C  BASICS OF VASCULAR SONOGRAPHY**
[CILC area B]  
2 units: 1.5 hours lecture, 1.5 hours lab.  
Limitation on enrollment: Enrollment in the Diagnostic Medical Sonography program. Two-way corequisite: SONO-45B.  
This course covers basic positioning and scanning protocol of the vascular system.  
**MERCED**  
1078  
W  08:00a-09:15a  Zelinsky C  AHC-157  
& W  10:00a-11:15a  Zelinsky C  AHC-157

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

**STGV-33B  STUDENT GOVERNMENT II**  
2 units: 1 hour lecture, 3 hours lab.  
Prerequisite: STGV-33A. Advisory: ENGL-85.  
This course represents the continuation of STGV-10. It is designed for students who are fluent in Spanish and who are ready to develop literacy skills.  
**MERCED**  
1791  
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

---

**SI-Supplemental Instruction class. See page 76 for details.**  
**Online/Hybrid Classes. See page 58 for details.**  
**WC-Class requires a Web Component. Contact the instructor for details.**
VIRTUAL OFFICE (VIRT)

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

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.

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.

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.

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.

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.

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

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.

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.

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

WELD-76 ADVANCED PIPE WELDING
3 units: 3 hours lab. 
Prerequisite: WELD-51 or WELD-06; WELD-07. Advisories: MATH-85; READ-81, ENGL-84.
This course is an advanced study of pipe and tube fitting and welding. Industry standards established by the American Welding Society (AWS) and the American Petroleum Institute (API) are used as the basis for instruction.
**HONORS**

**TAKE THE HONORS CHALLENGE!**

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

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

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

---

**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**

1276 WC TTh 12:30p-01:45p Fries M IAC-109

---

**HISTORY (HIST)**

**HIST-17BH HONORS UNITED STATES HISTORY AND CALIFORNIA STATE AND LOCAL GOVERNMENT**

(CSU breadth area C2/D/F1/F2) (IGETC area 3B/4)

3 units: 3 hour18s lecture.

Limitation on enrollment: Enrollment in the Honors Program. (See the college catalog for a description of enrollment requirements.) Prerequisite: ENGL-01A.

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 Lorenz M IAC-146

---

**HUMANITIES (HUM)**

**HUM-02H HONORS STUDIES IN HUMANITIES -- RENAISSANCE TO PRESENT**

(CSU breadth area C2) (IGETC area 3B)

3 units: 3 hours lecture.

Limitation on enrollment: Enrollment in the Honors Program. See the college catalog for a description of enrollment requirements. The principal aim of this course is to examine human existence and cultural endeavors from the Renaissance to the present.

**MERCED**

1977 WC TTh 02:00p-03:15p Kahlert S IAC-109

---

**MATHEMATICS (MATH)**

**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. Prerequisite: MATH-25. Advisory: ENGL-85.

This course is designed to prepare students for calculus. Topics of study include polynomials, complex numbers, algebra of functions, inverse functions, exponential, logarithmic, trigonometric functions and their graphs, systems of equations and inequalities, topics in analytic geometry, and polar coordinates.

**MERCED**

1452 TTh 09:30a-11:20a Meidinger S SCI-204

---

**PSYCHOLOGY (PSYC)**

**PSYC-01AH HONORS INTRODUCTION TO PSYCHOLOGY**

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

3 units: 3 hours lecture.

Limitation on enrollment: Enrollment in the Honors Program. See the current college catalog for a description of enrollment requirements.

Advisories: ENGL-01A.

PSYC-01AH is an in-depth survey course designed to provide an introduction to facts and theories underlying human behavior.

**MERCED**

1956 T 02:00p-04:50p Clifford J IAC-145

---
PUENTE LEARNING PROJECT

The mission of the Puente Project is to increase the number of educationally under-served students who transfer to four-year colleges and universities, earn degrees, and return to the community as leaders and mentors to future generations. Puente is open to all interested students. Puente students take writing, reading, and guidance courses over two semesters. These classes provide a supportive and stimulating environment for Puente students with an emphasis on developing skills necessary to transfer through an exploration of the Mexican American/Latino experience. For more information, see www.mccd.edu/puente. Students must see the Puente Project counselor, Enrique Renteria prior to registration.

Students registering for section 1235 must also register for section 1734

ENGL-01A COLLEGE COMPOSITION AND READING
(C-ID ENGL 100) (CSU breadth area A2) (IGETC area 1A) [CILC area G]
4 units: 4 hours lecture.
Prerequisite: ENGL-85. Advisory: LRNR-30.

MERCED
1235 WC SI MWF 09:15a-10:20a Piro V VOC-110

GUID-45 PATHWAYS TO TRANSFER
3 units: 3 hours lecture.
Advisory: ENGL-85

MERCED
1734 TTh 09:30a-10:45a Renteria E ART-1

LEARNING COMMUNITIES

Learning Communities are pairs or clusters of courses that revolve around a theme or major. If you are interested in one of these classes you must enroll in all of the classes in that group.

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

LEARNING COMMUNITY # 1

READ-81 FOUNDATIONS IN READING III
4 units: 3 hours lecture, 3 hours lab.
Prerequisite: READ-80 or ESL-80. Advisory: Concurrent enrollment in ENGL-84.

MERCED
1031 WC MWF 10:00a-10:50a Mumford J IAC-123
& MWF 11:00a-11:50a Mumford J IAC-139

LEARNING COMMUNITY # 2

READ-81 FOUNDATIONS IN READING III
4 units: 3 hours lecture, 3 hours lab.
Prerequisite: READ-80 or ESL-80. Advisory: Concurrent enrollment in ENGL-84.

MERCED
1270 WC TTh 12:30p-01:45p Huntington P VOC-111
& TTh 02:00p-03:15p Huntington P IAC-139

LEARNING COMMUNITY # 3

ENGL-01A COLLEGE COMPOSITION AND READING
(C-ID ENGL 100) (CSU breadth area A2) (IGETC area 1A) [CILC area G]
4 units: 4 hours lecture.
Prerequisite: ENGL-85. Advisory: LRNR-30.

MERCED
1228 WC SI MW 12:00p-01:50p Flatt S IAC-122

LEARNING COMMUNITY # 4

ENGL-01A COLLEGE COMPOSITION AND READING
(C-ID ENGL 100) (CSU breadth area A2) (IGETC area 1A) [CILC area G]
4 units: 4 hours lecture.
Prerequisite: ENGL-85. Advisory: LRNR-30.

MERCED
1933 WC MW 12:00p-01:50p Kahler S AHC-124

POSC-01 ESSENTIALS OF AMERICAN POLITICAL SYSTEM
(CSU breadth area D/F2) (IGETC area 4)
3 units: 3 hours lecture.
Advisory: ENGL-85.

MERCED
1698 MWF 11:00a-11:50a Randall R VOC-8

ω-LEARNING COMMUNITIES
DELHI

Classes are held at Delhi High School (DELH) and the Delhi Center of Merced College (room locations shown with prefix of MC). Delhi High School is located at 16881 W. Schendel in Delhi and the Delhi Center of Merced College is located at 9384 Merced Avenue. For more room location information, contact Ana Guillen at (209) 656-2050 ext. 5107 during high school business hours.

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.

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

OFF CAMPUS CLASSES

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.

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

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

DELH 7725 MW 05:30p-07:20p Morrow G DELH-H6
Section 7725 is held at Delhi High School; Building H, Room 5; 16881 West Schendel Avenue; Delhi.

MATH-81 BEGINNING ALGEBRA
4 units: 4 hours lecture.
Prerequisite: MATH-80. Advisory: ENGL-85.
This course covers the four basic operations on real numbers and algebraic expressions. It also includes the order of operations, graphing and solving linear and absolute value equations and inequalities, systems of linear equations, exponents, polynomials, and a brief introduction to functions.

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

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

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

SPAN-01 ELEMENTARY SPANISH
(C-ID SPAN 100) (CSU breadth area C2) (IGETC area 6)
5 units: 5 hours lecture.
Advisory: ENGL-84.
This course will focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency.

DELH 7728 TTh 03:45p-06:00p Pena A DELH-J2
Section 7728 is held at Delhi High School; Building J, Room 2; 16881 West Schendel Avenue; Delhi.

DOS PALOS

Classes are held at Dos Palos High School (DPHS), located at 1701 E. Blossom; Dos Palos. The class schedule, room numbers and school map will be posted on the front doors of DPHS. For additional information on DPHS classes, call Lisa Conger at (209) 392-0310 during high school business hours.

CRIM-02 INTRODUCTION TO CRIMINAL JUSTICE
(C-ID AJ 110)
3 units: 3 hours lecture.
Prerequisite: ENGL-85.
This course pertains to the history and philosophy of criminal justice in America. The course will emphasize the three major components of the system: court, corrections, law enforcement, and will then examine the role of each.

DOS PALOS 7912 Th 06:00p-08:50p Hilliard D DPHS
Section 7912 is held at Dos Palos High School; 1701 E. Blossom St. Room 17; Dos Palos.

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

DOS PALOS 7930 WC Th 06:00p-08:50p Aalgaard K DPHS
Section 7930 is held at Dos Palos High School; 1701 E. Blossom St. Room 14; Dos Palos.
Section 7930 requires the purchase of the MBTI assessment for approximately $13.20 and the Strong Interest Inventory for about $8.55. Additional information will be provided in class.

PSYC-23 PERSONAL AND SOCIAL ADJUSTMENT
(C-ID PSY 115) (CSU breadth area D/E) (IGETC area 4)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course examines personality factors as they relate to the problems of growth and adjustment.

DOS PALOS 7946 T 06:00p-08:50p Pierce T DPHS
Section 7946 is held at Dos Palos High School; 1701 E. Blossom St., room 14; Dos Palos.
LIVINGSTON
Classes are held at Livingston High School; 1617 Main Street; Livingston.

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

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

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

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

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

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

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

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.

MARIPOSA
7803  W  06:30p-09:20p  Kolster M  MARI-59  
Section 7806 is held at Mariposa High School; 5074 Old Highway North; Mariposa.

HIST-17B UNITED STATES HISTORY AND CALIFORNIA STATE AND LOCAL GOVERNMENT
(CSU breadth area C2/D/F1/F2) (IGETC area 3B/4)
3 units: 3 hours lecture.
Advisories: ENGL-01A.
This course is a continuation of HIST-17A from the end of the Reconstruction Period in 1877 to the present. It examines national, state, and local history from the late 19th century to the present.

MARIPOSA
7805  T  06:30p-09:20p  Roberts K  MARI-59  
Section 7805 is held at Mariposa High School; 5074 Old Highway North; Mariposa.

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

MARIPOSA
7806  M  06:30p-09:20p  Hoffart R  MARI-59  
Section 7806 is held at Mariposa High School; 5074 Old Highway North; Mariposa.
ONLINE and HYBRID REQUIREMENTS AND EXPECTATIONS

• **Hybrid** courses have some combination of online and face-to-face instruction. Some courses may only require one face-to-face session, while others may require numerous in-class sessions.
• **Online** courses are 100% on line. Face-to-face interaction with the professor is not required.

Merced College Internet-based classes give students an opportunity to complete most of the course work outside the classroom at times they find most convenient.

Currently most of the Internet-based classes require some time on campus in face-to-face contact with the instructor. This requirement will vary from class to class, so read the schedule carefully.

Students must already possess the following technology skills:
• Use of e-mail
• Ability to create and e-mail documents as attachments (Word and RTF)
• Experience with uploading and downloading files
• Experience with posting to discussion boards, on-line chats, and electronic bulletin boards

Students must be able to access their Merced College student e-mail account and have reliable Internet access.

It is strongly recommended that students have easy and regular access (preferably from home) to the identified types of equipment and software.

You can access faculty web pages through My Sites in the Merced College web portal at http://mc4me.mccd.edu/. They may contain valuable information relative to your online course.

All orientations and in-class sessions for Online Instruction take place on the Merced College Main Campus located at 3600 M Street in Merced.

Failure to attend a mandatory orientation or in-class session may result in your being dropped from the class by the instructor. Some of the instructors require that you e-mail them BEFORE THE CLASS BEGINS. It is highly recommended that you e-mail the instructor for instructions several weeks before the class begins.

ONLINE and HYBRID CLASSES WILL REQUIRE

Computer Requirements
To access online courses through Merced College’s Blackboard Learn 9.1 (SP 12 and SP 13), make sure you have the minimum specifications described below. Individual instructors may have additional requirements for specific classes. Be sure to check your course syllabus.

Internet Connection
We strongly recommend that students have a reliable internet connection that is fast enough to handle the types of materials you will need to view in class, such as large video files. You will need a high speed internet connection such as a cable modem or DSL with a consistent minimum speed of 1.5 Mbps.

Tablets and Mobile Phones
Please do not rely on ONLY a tablet or a smartphone to use Blackboard. Not all tablets and smartphones are compatible with Blackboard. We recommend you have access to a full computer (PC or Mac) to have the best experience in your online class.

PC/Mac Requirements
Blackboard has been tested to work with a variety of operating systems for the PC and Mac. See Blackboard’s list of verified operating systems for Windows and Mac with supported browsers.

Internet Browser
Below are links to browsers for the PC and Mac which may be used with Blackboard. Be sure to view the list of supported browsers for the current release of Blackboard.

<table>
<thead>
<tr>
<th>Browser Downloads</th>
<th>PC</th>
<th>Mac</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respondus Lockdown Browser</td>
<td>Download</td>
<td>Download</td>
</tr>
<tr>
<td>FireFox</td>
<td>Download</td>
<td>Download</td>
</tr>
<tr>
<td>Google Chrome</td>
<td>Download</td>
<td>Download</td>
</tr>
<tr>
<td>Safari</td>
<td>N/A</td>
<td>Download</td>
</tr>
<tr>
<td>Internet Explorer</td>
<td>Download</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Browser Plug-Ins
At minimum, you will need the following three plug-ins. Check with your instructor for additional technology needs for your class.

<table>
<thead>
<tr>
<th>Plug-Ins</th>
<th>Download (PC/Mac)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Java - Required for Blackboard</td>
<td>Verify version &amp; download</td>
</tr>
<tr>
<td>Adobe Reader - for PDFs</td>
<td>Download</td>
</tr>
<tr>
<td>Adobe Flash Player - for Multimedia</td>
<td>Download</td>
</tr>
</tbody>
</table>

Browser Settings
Your browser must be configured properly as follows:
• Make sure cookies from third parties are allowed
• Make sure JavaScript is enabled
• Disable pop-up blocking
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://mccd.blackboard.com.

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 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/.

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.

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

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.

2376 ONLINE Provencio G
ORIENTATION: January 19, 2016; 05:30p-06:45p; COM-2.
IN-CLASS SESSIONS: February 9, 23; March 22; April 19; May 10, 24; 05:30p-06:45p; AHC-130.

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

2390 ONLINE Latham E
CONTACT: latham.r@mccd.edu; (209) 386-6728; Office LB-B-133, Los Banos Campus.
COMMENTS: All enrolled students must log on to the class using the Blackboard log-in page within the first 3 days of the class starting or may be dropped from the course. Students on the waitlist must email the instructor within the first 3 days of the class START date or they will be dropped from the waitlist. Instructor has office hours in Los Banos.

BUSINESS (BUS)
BUS-10 INTRODUCTION TO BUSINESS
3 units: 3 hours lecture.
Advisory: CPSC-30; ENGL-85.
This survey course is an overview of all aspects involved in business. It covers economic foundations, types of business organizations, marketing, money and banking, and finance.

2307 ONLINE Haugen A
CONTACT: haugen.a@mccd.edu
ORIENTATION - MANDATORY: Monday, January 25, 2016; 05:30p-06:45p; COM-2.
IN-CLASS SESSIONS: February 9, 23; March 22; April 19; May 10, 24; 05:30p-06:45p; AHC-130.
COMMENTS: All enrolled students must log on to the class using the Blackboard log-in page within the first 3 days of the class starting or may be dropped from the course. Students on the waitlist must email the instructor within the first 3 days of the class START date or they will be dropped from the waitlist. Instructor has office hours in Los Banos.

BUS-35 MONEY MANAGEMENT
3 units: 3 hours lecture.
Advisories: ENGL-85; MATH-80.
This course offers instruction in basic financial, career and life planning.

2301 ONLINE Haugen A
CONTACT: haugen.a@mccd.edu
ORIENTATION/MANDATORY: Thursday, January 21, 2016; 05:30p-08:20p; AHC-130.
IN-CLASS SESSIONS: Thursday, January 21, 2016; 05:30p-08:20p; AHC-130.
COMMENTS: Section 2301 requires online homework. Access code from the publisher is required. You may buy the bundle from the bookstore or the access code/e-book directly from McGraw Hill.

All classes starting or may be dropped from the course. Students on the waitlist must email the instructor within the first 3 days of the class START date or they will be dropped from the waitlist.
CHEMISTRY (CHEM)
CHEM-02B  INTRODUCTORY CHEMISTRY: INTRODUCTION TO ORGANIC AND BIOCHEMISTRY
(CSU breadth area B1/B3)  (IGETC area 5A/5C)
4 units: 3 hours lecture, 3 hours lab.
Prerequisite: CHEM-02A; MATH-C. Advisories: ENGL-85; LRNR-30.
This is a continuation of CHEM-02A with emphasis on organic and biochemistry.

2341 $ HYBRID Weathers A
& T 02:00p-04:50p Weathers A SCI-107
CONTACT: april.weathers@mccd.edu
IN-CLASS SESSIONS: Lab; Tuesdays; 02:00p-04:50p; SCI-107.
COMMENTS: 3 Lecture hours per week will be held online.

2359 $ HYBRID Weathers A
& Th 02:00p-04:50p Weathers A SCI-107
CONTACT: april.weathers@mccd.edu
IN-CLASS SESSIONS: Lab; Thursdays; 02:00p-04:50p; SCI-107.
COMMENTS: 3 Lecture hours per week will be held online.

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

2315 ONLINE Roduner S
CONTACT: For course-specific questions contact the professor of the class, roduner.s@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 D/E)  (IGETC area 4)
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.

2321 ONLINE Roduner S
CONTACT: For course-specific questions contact the professor of the class, roduner.s@mccd.edu. For technology problems contact the help desk at www.mccd.edu/myhelp/ or (209) 381-6565.

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.

2367 ONLINE Marquez M
CONTACT: For course-specific questions contact the professor of the class martina.marquez@mccd.edu. For technology problems contact the help desk at www.mccd.edu/myhelp/ or (209) 381-6565.

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.

2317 ONLINE Penney B
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-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.

2343 ONLINE Chappell S
CONTACT: For course-specific questions contact the professor of the class, chappell.s@mccd.edu. For technology problems contact the help desk at www.mccd.edu/myhelp/ or (209) 381-6565.

CLDV-09  HUMAN DEVELOPMENT (ALSO: PSYC-09)
(CSU breadth area E)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course introduces the scientific study of human development from conception through death. It examines interplay of biological, psychological, social, and cultural forces on the developing human being.

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

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

2911 ONLINE Clifford J
Section 2911 is held from 03/21/16 to 05/27/16.
CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

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.

2368 ONLINE Heft A
CONTACT: For course-specific questions, contact the professor of the course at april.heft@mccd.edu. For technology problems, contact the Help Desk at www.mccd.edu/myhelp/ or (209) 381-6565.
SPRING 2016
WWW.MCCD.EDU

COMPUTER SCIENCE (CPSC)

CPSC-01 INTRODUCTION TO COMPUTER INFORMATION SYSTEMS
(C-ID ITIS 120) [CILC areas A,B,C,D,E,F,G]
4 units: 3 hours lecture, 3 hours lab.
Prerequisites: ENGL-85; MATH-12.
An introduction to the basics of computing systems, impact of computers on our society, and the future of computing.

2311 ONLINE Yana C & F 05:30p-07:20p Yana C VOC-113
CONTACT: yana@maricopa.edu
ORIENTATION MANDATORY: Friday January 22, 2016; 05:30p-07:20p; VOC-113.
COMMENTS: Students who do not attend the MANDATORY orientation will be dropped.

CPSC-06 PROGRAMMING CONCEPTS AND METHODOLOGY I
(C-ID COMP 122)
3 units: 2 hours lecture, 3 hours lab.
Prerequisites: 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.

2329 W 05:30p-07:20p Cadden K VOC-113
CONTACT: cadden.k@maricopa.edu
IN-CLASS SESSIONS: Lecture: Wednesdays; 05:30p-07:20p; VOC-113.
COMMENTS: Lab hours will be online.

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.

2316 ONLINE Pirtle T CONTACT: For course-specific questions contact the professor of the class toni.purtle@maricopa.edu. For technology problems contact help desk at www.mccd.edu/myhelp/ or (209) 381-6565.

2369 ONLINE Pirtle T CONTACT: For course-specific questions contact the professor of the class toni.purtle@maricopa.edu. For technology problems contact help desk at www.mccd.edu/myhelp/ or (209) 381-6565.

2392 ONLINE Garcia Martinez J CONTACT: juan.garcia955@mccd.edu
COMMENTS: Microsoft Office 2013 Professional software is required(to include ACCESS).

2394 ONLINE Robinson D CONTACT: robinson.d@maricopa.edu
COMMENTS: Microsoft Office 2013 Professional is required to include ACCESS. Students must check college email account by the first day of the semester, if not a few days earlier for important instructions on getting started with this course.

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

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: Lab hours to be held online.

ECONOMICS (ECON)

ECON-01 INTRODUCTION TO MICROECONOMICS
(CSU breadth area D) (IGETC area 4) (C-ID ECON 201)
3 units: 3 hours lecture.
Prerequisites: ENGL-85; MATH-81. Advisories: ENGL-01A.
The course examines the nature of production, distribution, market outcomes, and the role of government in the market.

2364 ONLINE Carter J CONTACT: john.carter1767@mccd.edu

2302 ONLINE Carter J CONTACT: john.carter1767@mccd.edu

ENGLISH (ENGL)

ENGL-01A COLLEGE COMPOSITION AND READING
(C-ID ENGL 100) (CSU breadth area A2) (IGETC area 1A) [CILC area G]
4 units: 4 hours lecture.
Prerequisite: ENGL-85, Advisory: LRNR-30.
This course focuses on critical reading and thinking, research strategies, and scholarly composition with proper documentation at the college transfer level. Students write expository, analytical, and argumentative essays informed by assigned readings, discussion, and/or research.

2304 ONLINE Piro V CONTACT: For course-specific questions contact the instructor at piro.v@mccd.edu. For technology problems contact the help desk at www.mccd.edu/myhelp/ or (209) 381-6565.
ORIENTATION: January 19, 2016; 06:00p-07:50p; IAC-124, IN-CLASS SESSIONS: Midterm March 15, 2016; 06:00p-07:50p; IAC-124; Final May 24, 2016; 06:00p-06:50p; IAC-124.
COMMENTS: Students who do not attend the mandatory orientation or in-class Sessions will be dropped in favor of waitlisted students.

2319 ONLINE White A CONTACT: For course-specific questions contact the professor of the class at white.a@mccd.edu. For technology problems contact Help Desk at www.mccd.edu/myhelp/ or (209) 381-6565.
COMMENTS: The theme of this course is “An Introduction to Native American Studies.” Once enrolled and the semester begins, open portal, click on Blackboard then click into the site. It opens up to ANNOUNCEMENTS. This is where your “orientation” instructions are. Follow the directions and see how the course is laid out. Your first assignments are found through the menu COURSE MATERIALS. Click on the menu then click on Week 1.

2332 ONLINE Hundley A CONTACT: For course-specific questions contact the professor of the class at hundley.a@mccd.edu. For technology problems contact the Student Help Desk at www.mccd.edu/myhelp/ or (209) 381-6565.
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.

2385 ONLINE Handbook A
CONTACT: For course-related questions, contact the instructor at hundley.a@mccd.edu. For technology problems, contact the help desk at www.mccd.edu/myhelp/ or (209) 381-6565.
Section 2385 students should check their Merced College student email for instructions from the instructor on or before the first day of classes. Students will be expected to log into the course on Blackboard and complete a mandatory assignment within the first week of classes or risk being dropped.

GUIDANCE (GUID)

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

2354 ONLINE Cambridge
CONTACT: For course-specific questions, contact the professor of the class cambridge.j@mccd.edu. For technology problems, contact the help desk at www.mccd.edu/myhelp/ or (209) 381-6565.

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

2350 ONLINE Frias S
CONTACT: sabrina.frias@mccd.edu
COMMENTS: Registered students must contact instructor prior to course start date.
Section 2350 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.
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.

2335 ONLINE Soto G
CONTACT: For course-specific questions, contact soto.g@mccd.edu. For technology problems, contact the help desk at www.mccd.edu/myhelp/ or (209) 381-6565.

2352 ONLINE Clark S
CONTACT: For course-specific questions, contact the professor of the class clark.s@mccd.edu. For technology problems, contact the help desk at www.mccd.edu/myhelp/ or (209) 381-6565.

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.

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

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

HISTORY (HIST)

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

2306 ONLINE Harvey E

HIST-17A UNITED STATES HISTORY AND UNITED STATES CONSTITUTION
(CSU breadth area C2/D/F1/F2) (IGETC area 3B/4) 3 units: 3 hours lecture.
Advisories: ENGL-01A. This is an extensive survey course of United States history from the period of exploration to the Reconstruction Period. The course covers the social, political, economic, and constitutional development of the nation.

2337 ONLINE Steeley J
CONTACT: For course-specific questions, contact the professor of the class, steley.j@mccd.edu. For technology problems, contact the help desk at www.mccd.edu/myhelp/ or (209) 381-6565.

2398 ONLINE Cook J
CONTACT: For course-specific questions contact the professor of the class james.cook@mccd.edu. For technology problems contact the Help Desk at www.mccd.edu/myhelp/ or (209) 381-6565.

HIST-17B UNITED STATES HISTORY AND CALIFORNIA STATE AND LOCAL GOVERNMENT
(CSU breadth area C2/D/F1/F2) (IGETC area 3B/4) 3 units: 3 hours lecture.
Advisories: ENGL-01A. This course is a continuation of HIST-17A from the end of the Reconstruction Period in 1877 to the present. It examines national, state, and local history from the late 19th century to the present.

2331 ONLINE Steeley J
CONTACT: For course-specific questions contact the professor of the class steley.j@mccd.edu. For technology problems contact the 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-C INTERMEDIATE ALGEBRA
4 units: 4 hours lecture.
Prerequisite: MATH-81. Advisory: ENGL-85. This course covers factoring, functions and graphs, solving linear, quadratic, piecewise defined, exponential, and logarithmic equations, rational expressions and equations, complex numbers, and conic sections.

2308 HYBRID Rieg K
CONTACT: kristen.rieg@mccd.edu
ORIENTATION: MANDATORY: January 19, 2016; 03:30p-05:20p; SCI-208.
IN-CLASS SESSIONS: MANDATORY - Mid-Term - March 15, 2016; 03:30p-05:20p; SCI-208. MANDATORY - Final Exam - May 24, 2016; 03:30p-05:20p; SCI-208.
COMMENTS: Section 2308 requires students to do online assignments. Additional fees apply. For specific text/access code please see your instructor. Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students.

2375 HYBRID Kehoe J
CONTACT: (209) 386-6784; julie.kehoe@mccd.edu; https://sites.google.com/site/julekehoe/
ORIENTATION: MANDATORY: January 22, 2016; 10:00a-11:50a; SCI-202.
IN-CLASS SESSIONS: MANDATORY - Mid-Term - March 18, 2016; 10:00a-11:50a; SCI-202. MANDATORY - Final Exam - To be announced in class.
COMMENTS: Section 2375 requires students to do online assignments. Additional fees apply. For specific text/access code please see your instructor.
MATH-02 PRECALCULUS
(CSU breadth area B4) (IGETC area 2)
4 units: 4 hours lecture.
Prerequisite: MATH-25. Advisory: ENGL-85.
This course is designed to prepare students for calculus. Topics of study include polynomials, complex numbers, algebra of functions, inverse functions, exponential, logarithmic, trigonometric functions and their graphs, systems of equations and inequalities, topics in analytic geometry, and polar coordinates.

2354 $ HYBRID  Meidinger S
CONTACT: meidinger.s@mccd.edu
ORIENTATION: MANDATORY - January 21, 2016;
02:00p-03:50p; SCI-110.
IN-CLASS SESSIONS: MANDATORY - Mid-term #1 - March 03, 2016;
02:00p-03:50p; SCI-110. MANDATORY - Mid-term #2 - April 28, 2016;
02:00p-03:50p; SCI-110. MANDATORY - Final Exam - May 26, 2016;
01:00p-02:50p; SCI-110.
COMMENTS: Students who do not attend the MANDATORY orientation will be dropped in favor of waitlisted students.

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

2330 $ HYBRID  Mitchell P
CONTACT: patrick.mitchell@mccd.edu
ORIENTATION: MANDATORY - January 21, 2016;
03:30p-05:20p; SCI-203.
IN-CLASS SESSIONS: MANDATORY - Mid-term #1 - March 10, 2016;
03:30p-05:20p; SCI-203. MANDATORY - Mid-term #2 - April 21, 2016;
03:30p-05:20p; SCI-203. MANDATORY - Final Exam - May 26, 2016;
03:00p-04:50p; SCI-203.
COMMENTS: Students who do not attend the MANDATORY orientation will be dropped in favor of waitlisted students.

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

2305 $ HYBRID  Rieg K
CONTACT: kristen.rieg@mccd.edu
ORIENTATION: MANDATORY - January 21, 2016;
09:00a-10:50a; SCI-208.
IN-CLASS SESSIONS: MANDATORY - Mid-Term - March 17, 2016;
09:00a-10:50a; SCI-208. MANDATORY - Final Exam - May 26, 2016;
09:00a-10:50a; SCI-208.
COMMENTS: Students who do not attend the MANDATORY orientation will be dropped in favor of waitlisted students.
MATH-81 BEGINNING ALGEBRA
4 units: 4 hours lecture.
Prerequisite: MATH-80. Advisory: ENGL-85.
This course covers the four basic operations on real numbers and algebraic expressions. It also includes the order of operations, graphing and solving linear and absolute value equations and inequalities, systems of linear equations, exponents, polynomials, and a brief introduction to functions.

2373 $ HYBRID
CONTACT: bruley.m@mccd.edu
ORIENTATION: MANDATORY: January 19, 2016; 02:00p-03:50p; SCI-111.
IN-CLASS SESSIONS: MANDATORY - Mid-Term #1 - March 08, 2016; 02:00p-03:50p; SCI-111. Mid-Term #2 - April 26, 2016; 02:00p-03:50p; SCI-111. MANDATORY - Final Exam - May 24, 2016; 01:00p-02:50p; SCI-111.
COMMENTS: Students who do not attend the MANDATORY orientation will be dropped in favor of waitlisted students.

2312 $ HYBRID
CONTACT: (209) 386-6784; julie.kehoe@mccd.edu; https://sites.google.com/site/juliekehoe/
ORIENTATION: MANDATORY: January 19, 2016; 03:00p-04:50p; SCI-204.
IN-CLASS SESSIONS: MANDATORY - Mid-Term - March 8, 2016; 03:00p-04:50p; SCI-204. MANDATORY - Final Exam - May 24, 2016; 03:00p-04:50p; SCI-204.

2371 $ F
CONTACT: gabriel.cuarentagallegos@mccd.edu; (209) 384-6395
Lecture: MANDATORY - Fridays from 10:00-10:50a in VOC-112. Three hours of lecture online per week.
COMMENTS: Students who do not attend the MANDATORY orientation will be dropped in favor of waitlisted students.

2346 $ ONLINE
CONTACT: pecchenino.m@mccd.edu
ORIENTATION: WEEKDAY Lecture - Friday, February 19, 2016; 09:00a-10:50a; SCI-110.
Prerequisites: MATH-80.

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.

2486 $ ONLINE
CONTACT: jennifer.gardner@mccd.edu
IN-CLASS SESSIONS: MANDATORY - Mid-Term #1 - March 01, 2016; 02:00p-03:50p; SCI-110. MANDATORY - Mid-Term #2 - April 12, 2016; 02:00p-03:50p; SCI-110. MANDATORY - Final Exam - May 24, 2016; 01:00p-02:50p; SCI-110.
COMMENTS: Students who do not attend the MANDATORY orientation will be dropped in favor of waitlisted students.

2915 ONLINE
CONTACT: gerling.s@mccd.edu
IN-CLASS SESSIONS: April 12 & 26, 2016; and May 10, 2016; 02:00p-03:50p; IAC-124. Final Exam: May 24, 2016; 01:00p-02:50p; IAC-124.

REGISTRATION NURSING (REGN)

REGN-18 PHARMACOLOGY IN NURSING PRACTICE
3 units: 3 hours lecture.
Registered Nursing 18, Pharmacology in Nursing Practice, presents an overview of the basic principles of pharmacology including major drug classifications and prototypes.

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.

POLITICAL SCIENCE (POSC)

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

PSYCHOLOGY (PSYC)

PSYC-01A INTRODUCTION TO PSYCHOLOGY
(C-ID PSY 110)  (CSU breadth area D)  (IGETC area 4)
3 units: 3 hours lecture.  Advisory: ENGL-85.
PSYC-01A is a survey course designed to provide an introduction to the facts and theories underlying human behavior.
PSYC-09 HUMAN DEVELOPMENT (ALSO: CLDV-09)
(C-ID PSY 180) (CSU breadth area E)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course is an introduction to the scientific study of human development from conception through death. It examines the interplay of biological, psychological, social, and cultural forces on the developing human being.

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

2372 ONLINE Murphy J

2336 ONLINE Williamson L

2362 ONLINE Marquez M

2910 ONLINE Clifford J

MERCED

1671 WC MW 12:30p-01:45p Brace K VOC-37
1835 MW 02:00p-03:15p Williamson L AG-10
1836 TTh 03:30p-04:45p Williamson L VOC-138

TUTORIAL (TUTR)

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

CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

2902 ONLINE Flatt S

2902 ONLINE Flatt S
Section 2902 is held from 02/08/16 to 04/22/16.
CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses. Contact Susan Flatt, flatt.s@mccd.edu for information about the course content.
COMMENTS: Students must log on between February 8-12, 2016 for orientation.
SHORT TERM CLASSES

ADMINISTRATIVE OFFICE MANAGEMENT (AOM)
AOM-52A  KEYBOARDING SPEED AND ACCURACY
1 unit: 5 hour lecture, 1.5 hours lab.
Advisories: Know the qwerty enhanced keyboard and be able to type 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. The course helps bridge the speed gap between each level of keyboarding instruction.

MERCED
9139  MW  02:00p-04:05p  Blackmore C  VOC-114
Section 9139 is held from 01/19/16 to 03/18/16.

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

MERCED
9147  M  02:00p-03:50p  Carroll C  VOC-114
Section 9147 is held from 03/21/16 to 05/27/16.

ARCHAEOLOGY (ARCH)
ARCH-01L  FIELD ARCHAEOLOGY
1 unit: 3 hours lab.
This course provides the student with an opportunity to gain practical experience in archaeological field reconnaissance, archaeological site excavation, laboratory analysis of archaeological data and in the preparation of archaeological reports.

MERCED
9142  S  09:00a-04:25p  Arguelles M  IAC-110
Section 9142 is held from 02/06/16 to 04/16/16.
Section 9142 includes a one hour lunch break. Class will not be held on 02/13/16, 03/26/16, and 04/02/16.

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

MERCED
9600  MTWTh  02:00p-04:15p  Russell W  GYM-1
Section 9600 is held from 01/19/16 to 03/18/16.
Women’s Basketball
9601  DAILY  12:00p-01:50p  Huddleston A  GYM-1
Section 9601 is held from 01/19/16 to 03/18/16.

ATHL-03  ATHLETIC CONDITIONING
1 unit: 54 total 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. This course may be repeated three times.

MERCED
9168  DAILY  09:00a-02:10p  Huddleston A  FHA
Section 9168 is held from 12/28/15 to 01/11/16.
9317  DAILY  02:00p-07:10p  Russell W  FHA
Section 9317 is held from 12/28/15 to 01/11/16.
9118  DAILY  03:00p-08:10p  Devine N  FHA
Section 9118 is held from 12/28/15 to 01/11/16.

ATHL-13  ADVANCED BASKETBALL
1 unit: 54 total hours lab.
Limitation on enrollment: This is a varsity team off-season conditioning course that requires coach’s or academic athletic adviser’s signature. This course offers the more advanced student the opportunity to develop and improve fundamental skills involved in basketball, such as, ball handling, shooting, defensive and offensive tactics, and physical endurance. This course may be repeated three times.

MERCED
9127  MWF  12:00p-01:50p  Huddleston A  GYM-1
Section 9127 is held from 03/21/16 to 05/27/16.
9184  MWFTh  02:00p-03:50p  Russell W  GYM-1
Section 9184 is held from 03/21/16 to 05/27/16.

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

MERCED
9133  TTh  05:30p-06:20p  Russell W  GYM-1
Section 9133 is held from 01/19/16 to 03/18/16.

CHILD DEVELOPMENT (CLDV)
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. It examines interplay of biological, psychological, social, and cultural forces on the developing human being.

ONLINE/HYBRID
2911  ONLINE  Clifford J
Section 2911 is held from 03/21/16 to 05/27/16.
CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.
### CRIMINAL JUSTICE (CRIM)

**CRIM-42D  RESERVE OFFICER MODULE LEVEL 2**

[CILC area D]

10 units; 162 total hours lecture, 54 total hours lab. 
Limitation on enrollment: 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. 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. Student must possess a valid California Drivers License. 
Prerequisite: CRIM-42C. Advisory: ENGL-85. 
This course satisfies the Level 2 Modular Format Basic Course training requirements of the Commission on Peace Officer Standards and Training (POST).

**MERCED**

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Instructor</th>
<th>Course Code</th>
<th>Credit</th>
<th>Prerequisite</th>
<th>Advisory</th>
<th>Limitation on Enrollment</th>
</tr>
</thead>
<tbody>
<tr>
<td>9163</td>
<td>TTh</td>
<td>06:00p-09:50p</td>
<td>Gregory B/Norris S</td>
<td>3 units: 2 hours lecture, 3 hours lab</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DRAFTING TECHNOLOGY (DRAFT)**

**DFRT-04A  FUNDAMENTALS OF COMPUTER-AIDED DRAFTING**

3 units: 2 hours lecture, 3 hours lab. 
Advisories: INDT-38; MATH-80 or MATH-85; ENGL-84 or READ-81. 
This course uses AutoCAD. The student will progress through the fundamental and some intermediate commands.

**MERCED**

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Instructor</th>
<th>Course Code</th>
<th>Credit</th>
<th>Prerequisite</th>
<th>Advisory</th>
<th>Limitation on Enrollment</th>
</tr>
</thead>
<tbody>
<tr>
<td>9171</td>
<td>MTWTh</td>
<td>01:00p-05:05p</td>
<td>Thornburgh J</td>
<td>3 units: 2 hours lecture, 3 hours lab</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DFRT-04D  ADVANCED PARAMETRIC MODELING**

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

**MERCED**

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Instructor</th>
<th>Course Code</th>
<th>Credit</th>
<th>Prerequisite</th>
<th>Advisory</th>
<th>Limitation on Enrollment</th>
</tr>
</thead>
<tbody>
<tr>
<td>9172</td>
<td>MTWTh</td>
<td>08:15a-11:45a</td>
<td>Thornburgh J</td>
<td>3 units: 2 hours lecture, 3 hours lab</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DFRT-05  TECHNICAL GRAPHICS**

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

**MERCED**

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Instructor</th>
<th>Course Code</th>
<th>Credit</th>
<th>Prerequisite</th>
<th>Advisory</th>
<th>Limitation on Enrollment</th>
</tr>
</thead>
<tbody>
<tr>
<td>9169</td>
<td>MTWTh</td>
<td>08:15a-12:20p</td>
<td>Thornburgh J</td>
<td>3 units: 2 hours lecture, 3 hours lab</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DFRT-10  RENDERING AND ANIMATION**

3 units: 2 hours lecture, 3 hours lab. 
Advisory: DFRT-04C or DFRT-42B. 
This course uses 3DS Max Design. Students will learn how to create objects in 3DS, Box Modeling, Material mapping, Rendering, and Animation. Students will also learn how to import objects for use in animations and how to complete basic video editing.

**MERCED**

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Instructor</th>
<th>Course Code</th>
<th>Credit</th>
<th>Prerequisite</th>
<th>Advisory</th>
<th>Limitation on Enrollment</th>
</tr>
</thead>
<tbody>
<tr>
<td>9173</td>
<td>MTWTh</td>
<td>08:30a-12:00p</td>
<td>Thornburgh J</td>
<td>3 units: 2 hours lecture, 3 hours lab</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### DRAMA (DRAM)

**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. One-way corequisite: DRAM-02L. Advisory: ENGL-85. 
This course is the 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>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Instructor</th>
<th>Course Code</th>
<th>Credit</th>
<th>Prerequisite</th>
<th>Advisory</th>
<th>Limitation on Enrollment</th>
</tr>
</thead>
<tbody>
<tr>
<td>9205</td>
<td>T&amp;Th</td>
<td>05:00p-08:20p</td>
<td>Heidelbach C</td>
<td>1 unit: 54 hours lab by arrangement</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DRAM-2L2  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 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>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Instructor</th>
<th>Course Code</th>
<th>Credit</th>
<th>Prerequisite</th>
<th>Advisory</th>
<th>Limitation on Enrollment</th>
</tr>
</thead>
<tbody>
<tr>
<td>9206</td>
<td></td>
<td>Heidelbach C</td>
<td>THTR-STG</td>
<td>54 hours by arrangement</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**COMMENTS: Registration NOT allowed before first night of class. Students registering for DRAM-02L must also register for DRAM-02L-9205.**
ELECTRICITY -- ELECTRONICS (ELCT)

ELCT-34 DIGITAL LOGIC, CIRCUITS, AND SYSTEMS (FOUNDATIONS OF ELECTRONICS)
3 units: 2 hours lecture, 3 hours lab.
Advisories: ELCT-30, ELCT-31; READ-81, ENGL-84; MATH-85.
This is the aim of this course is to provide the student with an introduction to basic
digital electronic devices (logic gates, flip-flops, seven-segment displays,
counters, shift registers) and their applications in modern computing,
mechatronics and automated systems. A/D and D/A converters and the
basic operation of programmable logic controllers and microcomputers
will be introduced.

MERCED 9261 MTWTh 01:00p-04:50p Walls W VOC-42
Section 9261 is held from 01/19/16 to 02/29/16.

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

MERCED 9262 MTWTh 01:00p-04:50p Walls W VOC-42
Section 9262 is held from 03/07/16 to 04/19/16.

ELCT-40C ROUTING AND SWITCHING IN THE ENTERPRISE
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: CPSC-40B or ELCT-40B.
Complex configurations of switching devices in the enterprise network
are introduced to students. Variable Length Subnet Masking (VLSM) is
emphasized and Internet Protocol version 6 (IPv6) is introduced in device
configurations.

MERCED 9258 MTWTh 08:00a-11:50a Walls W VOC-42
Section 9258 is held from 01/19/16 to 02/29/16.

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

MERCED 9259 MTWTh 08:00a-11:50a Walls W VOC-42
Section 9259 is held from 03/07/16 to 04/19/16.

ELCT-42A PRINCIPLES AND APPLICATIONS OF PROGRAMMABLE
LOGIC CONTROLLERS
2 units: 1 hour lecture, 3 hours lab.
Advisories: ELCT 34; ENGL-85.
This course provides instruction in industrial type of computers called "Programmable Logic Controllers" (PLCs). The main topics introduce
students to the PLC's basic hardware configuration and programming

MERCED 9104 WC FSat 09:00a-01:15p Hamilton A IT-1
Section 9104 is held from 01/22/16 to 03/19/16.

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

MERCED 9105 FSat 09:00a-01:15p Hamilton A IT-1
Section 9105 is held from 01/22/16 to 03/19/16.

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

MERCED 9260 MTWTh 08:00a-12:15p Walls W VOC-42
Section 9260 is held from 04/25/16 to 05/26/16.

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

MERCED 9005 WC MTWTh 01:00p-04:50p Nagano J IT-1
Section 9005 is held from 01/19/16 to 02/29/16.

ELCT-56 INTRODUCTION TO MECHATRONICS
4 units: 2 hours lecture, 6 hours lab.
Prerequisite: ELCT-42A. Advisory ELCT-31, ELCT-42B.
This course introduces students to mechatronics, the rapidly developing
field that integrates mechanical, electronic and software engineering in the
service of advanced manufacturing.

MERCED 9007 MTWTh 08:00a-11:20a Hamilton A IT-1
Section 9007 is held from 03/07/16 to 05/19/16.

EMERGENCY MEDICAL CARE (EMER)

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

EMER-50A EMERGENCY MEDICAL TECHNICIAN 1, MODULE A
2.5 units: 2.25 hours lecture, .75 hours lab.
Limitation on enrollment: Negative TB skin test or negative chest x-ray
for TB within 1 year; A CPR course based on American Red Cross
Professional Rescuer or American Heart Association Healthcare Provider. Advisory ALLH-67; ENGL-85.
This course meets the requirements of Title 22, Division of California
Administrative Code. Students successfully completing EMER-50A and
EMER-50B are eligible to take the EMT 1 certifying exam from the National
Registry of Emergency Medical Technicians.

MERCED 9066 TTh 05:30p-09:20p Aanstad J VOC-39
Section 9066 is held 01/19/16 to 03/03/16.

EMER-50B EMERGENCY MEDICAL TECHNICIAN 1, MODULE B
4.5 units: 3.75 hours lecture, 2.25 hours lab.
Limitation on enrollment: Negative TB skin test or negative chest x-ray
for TB within 1 year; A CPR course based on American Red Cross
Professional Rescuer or American Heart Association Healthcare Provider. Prerequisite: EMER-50A. Advisories: ALLH-67; ENGL-85.
This course meets the requirements of Title 22, Division of California
Administrative Code. Students successfully completing EMER-50A and
EMER-50B are eligible to take the EMT 1 certifying exam from the National
Registry of Emergency Medical Technicians.

MERCED 9067 TTh 05:30p-09:20p Aanstad J VOC-39
Section 9067 is held on 03/08/16 to 05/27/16.
18 hours by arrangement to be held on one Saturday and one
Sunday.

LC-Learning Community class. See page 55 for details.
$-Supplemental Instruction class. See page 76 for details.
• SHORT TERM •
Online/Hybrid Classes. See page 58 for details.
WC-Class requires a Web Component. Contact the instructor for details.
FIRE TECHNOLOGY (FIRE)

FIRE-63A  BASIC FIREFIGHTER I, ACADEMY A
8 units: 7 hours lecture, 3 hrs lab.
Limitation on enrollment: Physician’s clearance for strenuous activity.
Prerequisite: FIRE-30. Advisory: ENGL-85.
This course provides manipulative and technical training in basic concepts of fire department organization, miscellaneous equipment and tools, fire behavior and extinguishment theory, fire fighter safety, self-contained breathing apparatus, and portable fire extinguishers.

MERCED
9140  MWF  06:00p-09:50p  Donnelly B  VOC-39
& SSU  180 hrs by arr  Donnelly B  VOC-39
Section 9140 is held from 01/19/16 to 03/18/16.
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. During this course, there are modules offered that qualify for certain state and federal certifications. If the student passes the module, he/she may have the option to pay the state or federal costs of these certificates; approximate combined cost $60. Uniform required. Physicians’ clearance required. Instructor signature required.

GUIDANCE (GUID)

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

LOS BANOS
Los Banos GUID-30 classes require 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.

9906 WC  MW  10:00a-12:05p  Aagaard K  LB-B-134
Section 9906 is held from 02/22/16 to 05/20/16.

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
9145  MWF  01:00p-02:50p  Severo S  GYM-2
Section 9145 is held from 03/21/16 to 05/27/16

INDUSTRIAL TECHNOLOGY (INDT)

INDT-35  ELECTRICAL WIRING: RESIDENTIAL AND INDUSTRIAL
3 units: 2 hours lecture, 3 hours lab.
Advisories: READ-81; ENGL-84; MATH-80 or MATH-85.
This course covers basic residential and industrial theory.

MERCED
6416  W  07:30p-09:20p  Allen J  IT-1
& S  08:00a-10:50a  Allen J  IT-1
9006  MTWTh  08:00a-11:50a  Hamilton A  IT-1
Section 9006 is held from 01/19/16 to 02/29/16.

INDT-41  INDUSTRIAL POWER TRANSMISSION
3 units: 2 hours lecture, 3 hours lab.
Advisories: ENGL-85; MATH-80 or MATH-85.
This course covers industrial power transmission systems. The components studied are gear reduction, torque multiplication, direct drive, belt drive, chain drive, bearings, seals, and related components.

MERCED
9008 WC  MTWTh  01:00p-04:50p  Nagano J  IT-1
Section 9008 is held from 03/07/16 to 04/19/16.

KINESIOLOGY (KINE)

KINE-24A  BEGINNING SWIMMING
1 unit: 3 hours lab.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.
This course is a general introduction to swimming and aquatics.

MERCED
9128  MWF  10:00a-11:35a  McCall S  POOL
Section 9128 is held from 03/14/16 to 05/27/16.

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

MERCED
9164  MWF  09:00a-10:50a  Devine N  GYM-F
Section 9164 is held from 03/21/16 to 05/27/16.
MANAGEMENT (MGMT)

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.

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. 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
9153   Th 08:00a-12:15p Pistoresi J BRC-122
Section 9153 is held 05/19/16 and 05/26/16.
9154   Th 01:00p-03:15p Pistoresi J BRC-122
Section 9154 is held 05/19/16 and 05/26/16.

MGMT-50D COMMUNICATION IN THE WORKPLACE
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to introduce the student to key elements in
communication within business organizations. Pass/No Pass only.

MERced
9155   Th 08:00a-12:15p Pistoresi J BRC-122
Section 9155 is held 01/21/16 and 01/28/16.
9156   Th 01:00p-05:15p Pistoresi J BRC-122
Section 9156 is held 01/21/16 and 01/28/16.

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

MERced
9157   Th 08:00a-12:15p Pistoresi J BRC-122
Section 9157 is held 03/17/16 and 03/24/16.
9158   Th 01:00p-05:15p Pistoresi J BRC-122
Section 9158 is held 03/17/16 and 03/24/16.

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
9159   Th 08:00a-12:15p Pistoresi J BRC-122
Section 9159 is held 02/18/16 and 02/25/16.
9160   Th 01:00p-05:15p Pistoresi J BRC-122
Section 9160 is held 02/18/16 and 02/25/16.

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

MERced
9161   Th 08:00a-12:15p Pistoresi J BRC-122
Section 9161 is held 04/21/16 and 04/28/16.
9162   Th 01:00p-05:15p Pistoresi J BRC-122
Section 9162 is held 04/21/16 and 04/28/16.

MGMT-50K GENERATIONAL DIVERSITY: MANAGING CROSS GENERATIONAL TEAMS
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This is the first time in America's history that we have four generations
working side by side in the workplace. Pass/No Pass only.

MERced
9301   Th 08:00a-12:15p Pistoresi P BRC-122
Section 9301 is held 02/04/16 and 02/11/16.
Section 9301 will not meet on 02/11/16.
9265   Th 01:00p-05:15p Pistoresi P BRC-122
Section 9265 is held 02/04/16 and 02/11/16.
Section 9265 will not meet on 02/11/16.

MGMT-50L AUTHENTIC LEADERSHIP: KNOW YOURSELF/LEAD YOUR PEOPLE
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is designed to help leaders recognize their own strengths and
learn how to invest in the strengths of those they lead. Pass/No Pass only.

MERced
9302   Th 08:00a-12:15p Pistoresi J BRC-122
Section 9302 is held 05/05/16 and 05/12/16.
9266   Th 01:00p-05:15p Pistoresi J BRC-122
Section 9266 is held 05/05/16 and 05/12/16.

MGMT-50P EMOTIONAL INTELLIGENCE
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course is an introduction to the principles of Emotional Intelligence
(EQ). Pass/No Pass only.

MERced
9303   Th 08:00a-12:15p Pistoresi P BRC-122
Section 9303 is held 04/07/16 and 04/14/16.
9267   Th 01:00p-05:15p Pistoresi P BRC-122
Section 9267 is held 04/07/16 and 04/14/16.

MGMT-50S LEADING WITH YOUR STRENGTHS
0.5 unit: 0.5 hour lecture.
Advisories: READ-81, ENGL-84.
This course will help students understand their unique strengths and how
applying their strengths can give them their best opportunity for success.
Through the Strengthsfinder 2.0 assessment, students will learn strategies
to apply their strengths in the workplace and in everyday life. Pass/No Pass only.

MERced
9300   Th 08:00a-12:15p Pistoresi J BRC-122
Section 9300 is held 03/03/16 and 03/10/16.
Section 9300 requires the purchase of the book Strengthsfinder 2.0 and take the on-line assessment referenced in the back of the book. Students will need to print out the assessment reports for class work. Instructions will be given the first day of class. Students may not purchase a used book.
9264   Th 01:00p-05:15p Pistoresi J BRC-122
Section 9264 is held 03/03/16 and 03/10/16.
Section 9264 requires the purchase of the book Strengthsfinder 2.0 and take the on-line assessment referenced in the back of the book. Students will need to print out the assessment reports for class work. Instructions will be given the first day of class. Students may not purchase a used book.
THE EVENING MANAGEMENT SERIES: 1 2 3 4 5  
Indicates sequence in which courses should be taken.

MGMT-50S  LEADING WITH YOUR STRENGTHS 1  
0.5 unit: 0.5 hour lecture.  
Advisories: READ-81, ENGL-84.  
This course will help students understand their unique strengths and how applying their strengths can give them their best opportunity for success.  
Through the Strengthsfinder 2.0 assessment, students will learn strategies to apply their strengths in the workplace and in everyday life.  
Pass/No Pass only.  
**MERCED**  
9150  
T 05:30p-08:20p  Pistoressi J  AHC-125  
Section 9150 is held from 01/19/16 to 02/19/16.  
**MERSED**  
9150  
T 05:30p-08:20p  Pistoressi J  AHC-125  
Section 9150 is held from 01/19/16 to 02/19/16.  
**SI**  
9150  
T 05:30p-08:20p  Pistoressi J  AHC-125  
Section 9150 is held from 01/19/16 to 02/19/16.  

MGMT-50F  TEAM BUILDING 3  
0.5 unit: 0.5 hour lecture.  
Advisories: READ-81, ENGL-84.  
This course is designed to provide the participant with an understanding of change and the influence it has on an organization and the individuals in that organization.  
Pass/No Pass only.  
**MERCED**  
9148  
T 05:30p-08:20p  Pistoressi J  AHC-125  
Section 9148 is held from 02/23/16 to 02/23/16.  

MGMT-50G  DECISION MAKING AND PROBLEM SOLVING 4  
0.5 unit: 0.5 hour lecture.  
Advisories: READ-81, ENGL-84.  
This course is designed to introduce the student to decision making and problem solving techniques including brainstorming, creativity in the workplace, how to find new perspectives, and seeking alternatives.  
Pass/No Pass only.  
**MERCED**  
9151  
T 05:30p-08:20p  Pistoressi J  AHC-125  
Section 9151 is held from 03/15/16 to 03/15/16.  

MGMT-52D  MANAGING ORGANIZATIONAL CHANGE 2  
0.5 unit: 0.5 hour lecture.  
Advisories: READ-81, ENGL-84.  
This course is designed to provide the participant with an understanding of change and the influence it has on an organization and the individuals in that organization.  
Pass/No Pass only.  
**MERCED**  
9148  
T 05:30p-08:20p  Pistoressi J  AHC-125  
Section 9148 is held from 02/23/16 to 02/23/16.  

MATHEMATICS (MATH)  

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

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

MATH-C  INTERMEDIATE ALGEBRA  
4 units: 4 hours lecture.  
Prerequisite: MATH-81. Advisory: ENGL-85.  
This course covers factoring, functions and graphs, solving linear, quadratic, piecewise defined, exponential, and logarithmic equations, rational expressions and equations, complex numbers, and conic sections.  
**MERCED**  
9070  
MTWF 08:00a-09:50a  Brooke B  IAC-143  
Section 9070 is held from 01/19/16 to 02/19/16.  
Section 9070 requires students to register for MATH-25-9071.  
Section 9135  
WC  
MTWTh 10:00a-11:50a  Albert M  SCI-202  
Section 9135 is held from 03/19/16 to 05/27/16.  
Section 9135 requires students to register for MATH-81-9136.  

MATH-25  TRIGONOMETRY  
(CSU breadth area B4)  
3 units: 3 hours lecture.  
This course is designed to prepare students for calculus.  
**MERCED**  
9138  
WC  MTWTh 09:00a-10:50a  Rieg K  SCI-208  
Section 9138 is held from 03/21/16 to 05/27/16.  
Section 9138 requires students to register for MATH-25-9137.  

MATH-C  INTERMEDIATE ALGEBRA  
4 units: 4 hours lecture.  
Prerequisite: MATH-81. Advisory: ENGL-85.  
This course covers factoring, functions and graphs, solving linear, quadratic, piecewise defined, exponential, and logarithmic equations, rational expressions and equations, complex numbers, and conic sections.  
**MERCED**  
9070  
MTWF 08:00a-09:50a  Brooke B  IAC-143  
Section 9070 is held from 01/19/16 to 02/19/16.  
Section 9070 requires students to register for MATH-25-9071.  
Section 9135  
WC  
MTWTh 10:00a-11:50a  Albert M  SCI-202  
Section 9135 is held from 03/19/16 to 05/27/16.  
Section 9135 requires students to register for MATH-81-9136.  

MATH-25  TRIGONOMETRY  
(CSU breadth area B4)  
3 units: 3 hours lecture.  
Prerequisite: MATH-C. Advisory: ENGL-85.  
This course is a review of right triangle geometry, real numbers, functions and graphs, trigonometric functions and their graphs, identities, inverse trigonometry functions, solve trigonometric equations, solve right triangles, solve triangles using the Law of Sines, and Law of Cosines.  
**MERCED**  
9071  
MWF 08:00a-09:50a  Staff  IAC-143  
Section 9071 is held from 03/21/16 to 05/27/16.  
Section 9071 requires students to register for MATH-C-9070.  
Section 9137  
WC  
MWF 09:00a-10:50a  Meidinger M  SCI-208  
Section 9137 is held from 01/19/16 to 03/18/16.  
Section 9137 requires students to register for MATH-02-9138.  

MATH-26  COLLEGE ALGEBRA FOR LIBERAL ARTS  
(C-ID MATH 150)  
(CSU breadth area B4)  
(CGETC area 2)  
3 units: 3 hours lecture.  
Prerequisite: MATH-C. Advisory: ENGL-85.  
This is a college level course in algebra for majors in the Liberal Arts.  
**MERCED**  
1510  
MWF 09:00a-09:50a  Meidinger S  SCI-204
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
9069  MTWF  08:00a-09:50a  Staff  VOC-140
Section 9069 is held from 03/21/16 to 05/27/16.
Section 9069 requires students to register for MATH-91-9068.

9072  $ WC  MTWTh  02:00p-03:50p  Albert M  IAC-144
Section 9072 is held from 01/19/16 to 03/17/16.
Section 9072 requires students to register for MATH-81-9073.

LOS BANOS
MATH-81  BEGINNING ALGEBRA
4 units: 4 hours lecture.
Prerequisite: MATH-80. Advisory: ENGL-85.
This course is an intensive review of the whole number system, including counting, notation, word names, and the number line.

MERCED
9136  $ WC  MTWTh  10:00a-11:50a  Albert M  SCI-202
SI  Section 9136 is held from 01/19/16 to 03/17/16.
Section 9136 requires students to register for MATH-C-9135.

9073  $ WC  MTWTh  02:00p-03:50p  Albert M  IAC-144
Section 9073 is held from 03/21/16 to 05/26/16.
Section 9073 requires students to register for MATH-80-9072.

LOS BANOS
9922  $ WC  MTWTh  12:30p-01:45p  Sutterfield M  LB-B-134
Section 9922 is held from 02/22/16 to 05/20/16.

MATH-90  FUNDAMENTALS OF ARITHMETIC
3 units: 3 hours lecture.
Advisory: ENGL-90.
This course is an intensive review of the whole number system, including counting, notation, word names, and the number line.

MERCED
9130  MWF  10:00a-11:50a  Bell S  SCI-207
Section 9130 is held from 01/19/16 to 03/18/16.
Section 9130 requires students to register for MATH-91-9131.

MATH-91  FUNDAMENTALS OF DECIMALS AND FRACTIONS
3 units: 3 hours lecture.
Prerequisite: MATH-90. Advisories: READ-80.
This course begins with a short review of the whole number system using basic computational skills.

MERCED
9068  MWF  08:00a-09:50a  Staff  VOC-140
Section 9068 is held from 01/19/16 to 03/18/16.
Section 9068 requires students to register for MATH-80-9069.

9131  MWF  10:00a-11:50a  Bell S  SCI-207
Section 9131 is held from 03/21/16 to 05/27/16.
Section 9131 requires students to register for MATH-90-9130.

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

MERCED
9001  MTWTh  12:30p-04:00p  Donovan T  MA-1
Section 9001 is held from 02/29/16 to 04/06/16.

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

MERCED
9002  MTWTh  08:00a-11:50a  Fishman D  MA-1
Section 9002 is held from 01/19/16 to 03/23/16.

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.

MERCED
9003  MTWTh  08:00a-12:15p  Fishman D  MA-1
Section 9003 is held from 05/02/16 to 05/26/16.

MECH-31  EQUIPMENT SAFETY
1 unit: 1 hour lecture.
Advisories: ENGL-85; MATH-80.
This course is a study of safety on and about farm equipment and machines.

MERCED
9257  F  12:00p-04:15p  Fishman D  MA-1
Section 9257 is held from 01/22/16 to 02/19/16.

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

MERCED
9004  MTWTh  12:30p-04:55p  Donovan T  MA-1
Section 9004 is held from 01/19/16 to 02/23/16.

MUSIC
MUSG-14  AMERICAN POPULAR MUSIC HISTORY
(CSU breadth area C1) (IGETC area 3A)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course presents an introduction to the history and literature of the popular music movement in the United States.

MERCED
9208  TTh  05:30p-08:20p  Keane F  VOC-8
Section 9208 is held from 01/19/16 to 03/18/16.

9209  TTh  05:30p-08:20p  Keane F  VOC-8
Section 9209 is held from 03/21/16 to 05/27/16.

NUTRITION (NUTR)
NUTR-41  INFANT AND TODDLER FEEDING
1 unit: 1 hour lecture.
Advisory: ENGL-85.
This course focuses on feeding typical and atypical developing infants beginning at birth with breast milk, formulas, first foods and progresses to textures and foods appropriate for the toddler. Course focuses on how to feed a baby, prevent baby bottle tooth decay and choking prevention. Students will learn about appropriate snacks, food safety aspects and food preparation for children with varying needs.

MERCED
9062  W  05:30p-08:20p  Hobbs J  AHC-128
Section 9062 is held 03/23/16 to 05/04/16.
MERCED COLLEGE

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

MERCED
9064 F 06:30p-09:20p Staff VOC-37
& S 08:00a-02:20p Staff VOC-37
Section 9064 is held from 03/04/16 to 03/12/16.
Section 9064 will meet Fridays March 04 & 11, 2016; 06:30p to 09:20p; and Saturdays March 05 & 12, 2016; 08:00-02:20p;
VOC-37.
Section 9064 includes a 1/2 hour lunch on Saturdays.

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

MERCED
9065 MW 10:00a-11:50a Hobbs J AHC-124
Section 9065 is held 01/19/16 to 03/18/16.

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.

ONLINE/HYBRID
2915 ONLINE
Section 2915 is held from 03/21/16 to 05/27/16.
MANDATORY ORIENTATION: March 22, 2016: 02:00p-03:50p; IAC-124.
IN CLASS SESSIONS: April 12 & 26, 2016; and May 10, 2016, 02:00p-03:50p; IAC-124. Final Exam: May 24, 2016;
01:00p-02:50p; IAC-124.

NUTR-70G BAKING BASIC & BUSINESS
1.5 units: 9 total hours lecture, 27 total hours lab.
Advisories: None.
This is a course designed to introduce basic bakery production. With the growing interest and demand in the food industry it is imperative that students are introduced to basics of food safety practices, quantifying recipes and understand the business sense to provide a quality product. This lecture and laboratory class will plan baked items to prepare, consider costs involved making that product and in the foods laboratory will produce the product. Sensory evaluation techniques and quality control will be taught and practiced.

MERCED
9183 TTh 05:30p-07:50p Staff VOC-142
Section 9183 is held from 01/19/16 to 03/18/16.

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

MERCED
9101 F 08:00a-09:50a Sparks R AHC-130
Section 9101 is held from 01/22/16 to 03/18/16.

VOCN-48 INTRAVENOUS THERAPY/BLOOD WITHDRAWAL
2 units: 2 hours lecture.
Limitation on enrollment: Licensed as a Vocational Nurse (required by section 2860.5 of the Board of Vocational Nurses and Psychiatric Technicians) or Registered Nurse.
This short-term course is designed to prepare nurses to start and superimpose intravenous fluid and perform blood withdrawal as ordered by the physician.

MERCED
9061 SSU 08:00a-05:20p Sparks R AHC-130
Section 9061 is held from 03/05/16 to 03/13/16 and includes a 30 minute break.
Section 9061 requires a $41.23 materials fee. This fee must be paid at the Merced College Student Fees Office before the semester begins.

PHILOSOPHY (PHIL)

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

MERCED
9074 MWF 07:00a-08:50a Werness G IAC-146
Section 9074 is held from 03/21/16 to 05/27/16.
9146 MWF 07:00a-08:50a Werness G IAC-146
Section 9146 is held from 01/19/16 to 03/18/16.

PSYCHOLOGY (PSYC)

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

MERCED
9077 MWF 11:00a-12:50p Gargano G IAC-142
Section 9077 is held from 01/19/16 to 03/18/16.
9143 MWF 12:00p-01:50p Clifford J AHC-129
Section 9143 is held from 03/21/16 to 05/27/16.

PSYC-09 HUMAN DEVELOPMENT (ALSO: CLDV-09)
(C-ID PSY 180) (CSU breadth area E)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course is an introduction to the scientific study of human development from conception through death. It examines the interplay of biological, psychological, social, and cultural forces on the developing human being.

ONLINE/HYBRID
2910 ONLINE
Section 2910 is held from 03/21/16 to 05/27/16.
CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

PSYC-22 HUMAN SEXUALITY
(C-ID PSY 130) (CSU breadth area D/E) (IGETC area 4)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course explores the psychology of human sexuality.

MERCED
9144 MWF 12:00p-01:50p Clifford J AHC-129
Section 9144 is held from 01/19/16 to 03/18/16.
PSYC-23 PERSONAL AND SOCIAL ADJUSTMENT  
(C-ID PSY 115) (CSU breadth area D/E) (IGETC area 4)  
3 units: 3 hours lecture.  
Advisory: ENGL-85.  
This course examines personality factors as they relate to the problems of  
growth and adjustment.  
MERCED  
9078  MWF  11:00a-12:50p  Gargano G  IAC-142  
Section 9078 is held from 03/21/16 to 05/27/16.

READING (READ)  
READ-81 FOUNDATIONS IN READING III  
4 units: 3 hours lecture, 3 hours lab.  
Prerequisite: READ-80 or ESL-80. Advisory: Concurrent enrollment in ENGL-84.  
This course is designed to improve a variety of reading comprehension skills and critical reading/thinking skills.  
LOS BANOS  
9912 WC  TTh  08:00a-10:05a  Staff  LB-B-101  
& TTh  10:15a-12:20p  Staff  LB-A-109  
Section 9912 is held from 02/22/16 to 05/20/16.

SPANISH (SPAN)  
SPAN-01 ELEMENTARY SPANISH  
(C-ID SPAN 100) (CSU breadth area C2) ( IGETC area 6)  
5 units: 5 hours lecture.  
Advisory: ENGL-84.  
This course will focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency.  
MERCED  
SPAN-01 at the Merced Campus requires online assignments.  
Students need to have a purchased access code as well as a computer with internet connection and recording/listening capabilities.  
9075 $ WC  DAILY  08:00a-09:50a  Colomer-Flores M  IAC-108  
Section 9075 is held from 01/19/16 to 03/18/16.  
9076 $ WC  DAILY  08:00a-09:50a  Colomer-Flores M  IAC-108  
Section 9076 is held from 02/21/16 to 05/27/16.

TUTORIAL (TUTR)  
TUTR-35 TUTORIAL SEMINAR  
1 unit: 3 hours lab.  
Advisory: ENGL-85  
This course is designed to provide tutors in the Merced College Tutorial program with an opportunity to explore their experiences in the program more fully.  
ONLINE/HYBRID  
2902 ONLINE  Flatt S  
Section 2902 is held from 02/08/16 to 04/22/16.  
CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses. Contact Susan Flatt, flatt.s@mccd.edu for information about the course content.  
COMMENT: Students must log on between February 8-12, 2016 for orientation.

WELDING TECHNOLOGY (WELD)  
WELD-06 FUNDAMENTALS OF OXY-FUEL WELDING AND SHIELDED METAL ARC WELDING (ALSO: MECH-06)  
3 units: 2 hour lecture, 3 hours lab.  
Advisories: READ-81, ENGL-84; MATH-80 or MATH-85.  
This course emphasizes development of minimum skill standards in welding.  
MERCED  
9009  MTWTh  08:00a-10:05a  Fishman D  MA-1  
& MTWTh  10:15a-01:25p  Fishman D  IT-6  
Section 9009 is held from 04/04/16 to 04/28/16.  
9010  MTWTh  08:30a-12:05p  Russell C  IT-3  
Section 9010 is held from 03/04/16 to 03/23/16.

WELD-07 FUNDAMENTALS OF T.I.G. AND M.I.G. WELDING  
3 units: 2 hours lecture, 3 hours lab.  
Advisories: READ-81, ENGL-84; MATH-80 or MATH-85.  
This course emphasizes the development of minimum skill standards in welding.  
MERCED  
9011  MTWTh  08:30a-04:50p  Russell C  IT-3  
Section 9011 is held from 03/07/16 to 03/23/16.  
Section 9011 includes a 30 minute lunch break.

WELD-40A INTRODUCTION WELDING DESIGN AND CONSTRUCTION  
3 units: 2 hours lecture, 3 hours lab.  
Prerequisite: WELD-07. One-way corequisite: MATH-85. Advisories: READ-81, ENGL-84.  
This course covers basic metal fabrication skills as well as the design and construction of special industrial and agricultural equipment.  
MERCED  
9012  MTWTh  08:30a-04:50p  Russell C  IT-3  
Section 9012 is held from 04/04/16 to 04/20/16.  
Section 9012 includes a 30 minute lunch break.

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.  
MERCED  
9013  MTWTh  08:30a-04:15p  Russell C  IT-3  
Section 9013 is held from 04/25/16 to 05/12/16.  
Section 9013 includes a minutes lunch break.  
9256  TTh  05:00p-06:50p  Fishman D  AG-11  
& TTh  07:00p-09:50p  Fishman D  IT-6  
Section 9256 is held from 01/19/16 to 03/17/16.

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  
9014  MTWTh  08:30a-04:25p  Russell C  IT-3  
Section 9014 is held from 05/16/16 to 05/25/16.  
Section 9014 includes a minutes lunch break.  
9607  TTh  05:10p-08:00p  Staff  IT-6  
Section 9607 is held from 03/22/16 to 05/26/16.

WELD-51 INTRODUCTORY PIPE WELDING  
2 units: 1 hour lecture, 3 hours lab.  
Prerequisite: MECH-06 or WELD-06; WELD-07. Advisories: MATH-85; READ-81, ENGL-84.  
This course is an introduction to pipe and tube fitting and welding. Industry standards established by the American Welding Society (AWS) and the American Petroleum Institute (API) are used as the basis for instruction. This course meets the needs of the food processing and liquid/gas material handling industries.  
MERCED  
9175  MW  05:30p-06:30p  Russell C  AG-11  
& MW  06:30p-09:20p  Russell C  IT-6  
Section 9175 is held from 01/20/16 to 03/23/16.

LC-Learning Community class.  See page 55 for details.  
§requires students to do online assignments.  Additional fees may apply.  For specific text/access code please see your instructor.  
Si-Supplemental Instruction class.  See page 76 for details.  
Online/Hybrid Classes.  See page 58 for details.  
WC-Class requires a Web Component.  Contact the instructor for details.
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.

### BIOL-01 General Biology for Non-Majors

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL-01A</td>
<td>MW</td>
<td>12:00p-1:15p</td>
<td>Estrella C</td>
<td>SCI-111</td>
</tr>
<tr>
<td>BIOL-04A Fundamentals of Biology: The Cell and Evolution</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Course Code</td>
<td>Days</td>
<td>Time</td>
<td>Instructor</td>
<td>Location</td>
</tr>
<tr>
<td>1104 $ WC</td>
<td>TTh</td>
<td>09:30a-10:45a</td>
<td>Albano V</td>
<td>SCI-110</td>
</tr>
<tr>
<td>1106 $ WC</td>
<td>TTh</td>
<td>09:30a-10:45a</td>
<td>Albano V</td>
<td>SCI-110</td>
</tr>
<tr>
<td>1227 $ WC</td>
<td>TTh</td>
<td>09:30a-10:45a</td>
<td>Albano V</td>
<td>SCI-110</td>
</tr>
</tbody>
</table>

### CHEM-02A Introductory Chemistry

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM-02A</td>
<td>MWF</td>
<td>09:00a-09:50a</td>
<td>Dawson D</td>
<td>SCI-110</td>
</tr>
<tr>
<td>CHEM-04B General Chemistry II</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Course Code</td>
<td>Days</td>
<td>Time</td>
<td>Instructor</td>
<td>Location</td>
</tr>
<tr>
<td>1150 $ WC</td>
<td>MWF</td>
<td>10:00a-10:50a</td>
<td>Tenn B</td>
<td>SCI-110</td>
</tr>
<tr>
<td>1152 $ WC</td>
<td>MWF</td>
<td>10:00a-10:50a</td>
<td>Tenn B</td>
<td>SCI-110</td>
</tr>
<tr>
<td>1988 $ WC</td>
<td>MWF</td>
<td>10:00a-10:50a</td>
<td>Tenn B</td>
<td>SCI-110</td>
</tr>
</tbody>
</table>

### MATH-04A Calculus I

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH-04A</td>
<td>Th</td>
<td>09:00a-10:50a</td>
<td>Leonard B</td>
<td>VOC-140</td>
</tr>
</tbody>
</table>

CONTACT: Brandon.Leonard@mccd.edu

Lecture: MANDATORY - Thursdays from 09:00-10:50a in VOC-140. Two hours of lecture online per week.

COMMENTS: Students who do not attend the MANDATORY orientation will be dropped in favor of waitlisted students.

### MATH-81 Beginning Algebra

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH-81</td>
<td>MTWTh</td>
<td>10:00a-11:50a</td>
<td>Albert M</td>
<td>SCI-202</td>
</tr>
</tbody>
</table>

Section 9136 is held from 01/19/16 to 03/17/16.
Section 9136 requires students to register for MATH-C-9135.

### MATH-C Intermediate Algebra

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH-C-04A</td>
<td>WC</td>
<td>10:00a-11:50a</td>
<td>Albert M</td>
<td>SCI-202</td>
</tr>
</tbody>
</table>

Section 9135 is held from 03/21/16 to 05/27/16.
Section 9135 requires students to register for MATH-81-9136.
MERCED COLLEGE STUDENT SERVICES & COUNSELING
MERCED CAMPUS AND LOS BANOS CAMPUS
Hours are subject to change

JANUARY 19, 2016 - MAY 27, 2016
Monday, Tuesday, Thursday, Friday 08:00a-04:30p
Wednesday ........................................... 08:00a-07:00p

SPRING 2016 EXCEPTIONS:
JANUARY 6-7, 2016
Wednesday, Thursday 08:00a-07:00p
JANUARY 11-14, 2016
Tuesday, Wednesday, Thursday 08:00a-07:00p
JANUARY 25 - APRIL 7, 2016
Daily (no Wednesday nights) 08:00a-04:30p

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

JANUARY 19, 2016 - MAY 27, 2016
Monday, Tuesday, Thursday, Friday 08:00a-04:00p
Wednesday ........................................... 08:00a-06:30p

SPRING 2016 EXCEPTIONS:
JANUARY 6-7, 2016
Wednesday, Thursday 08:00a-06:30p
JANUARY 11-14, 2016
Monday, Tuesday, Wednesday, Thursday 08:00a-06:30p
JANUARY 25 - APRIL 7, 2016
Daily (no Wednesday nights) 08:00a-04:00p

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

ACTG-04B  MANAGERIAL ACCOUNTING
(C-ID ACCT 120)  
4 units: 4 hours lecture.  
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. 
8002 $ WC  TTh  05:00p-06:50p  Snipes R  LB-B-134

ACTG-52  PAYROLL RECORDS AND ACCOUNTING
3 units: 3 hours lecture.  
This course acquaints the student with various phases of the Fair Labor Standards Act (FLSA), Social Security Act, and other laws relating to the payment of wages and salaries. 
8008 WC  Th  07:00p-09:50p  Donovan J  LB-A-105

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. 
4638 WC  TTh  12:30p-02:45p  Staff  LB-A-110

ASSOCIATION (ALLH)

SPRING 2016

NURSE ASSISTANT ORIENTATIONS

• Attend ONE orientation  
• Purchase a Merced College Nurse Assistant Program Handbook from the Merced College Bookstore (Bookstore phone number 384-6280)  
• Information will be provided to successfully complete the requirements & paperwork  
• Orientations are open to the public  
• Spring classes begin January 19, 2016.

MERCEDE and LOS BANOS CAMPUS
Orientation dates and times are located at: www.mccd.edu/alliedhealth  
(Click on the Nurse Assistant link on the left side of the web page.)

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.

4036  T  05:00p-07:50p  Lima B  LB-B-138  
&S  06:30a-02:25p  Lima B  LB-B-138

Section 4036 Lab includes a 1/2 hour lunch.  
Section 4036 Lab will meet from 01/21/16 to 02/07/16 in LB-B-138. Beginning 02/08/16 this section will meet at the New Bethany Skilled Nursing Facility; 1441 Berkeley Dr., Los Banos.  
Section 4036 Lab does not meet on 02/13/16, 03/26/16 and 04/02/16.

ALLH-76  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. 
8038  T  07:00p-09:50p  Fragaesso G  LB-B-107

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. 
4041 WC  F  09:00a-11:50a  Young Pfeiffer S  LB-B-136

ANTHROPOLOGY (ANTH)

ANTH-02  SOCIOCULTURAL ANTHROPOLOGY
(C-ID ANTH 120) (CSU breadth area D) (IGETC area 4)  
3 units: 3 hours lecture.  
Advisories: ENGL-85.  
This course is an introduction to the study of human culture and the concepts, theories, and methods used in the comparative study of socio-cultural systems. 
8064  T  07:00p-09:50p  Gaugler C  LB-B-137

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 of the historical context of humanity through the development of art, architecture, sculpture, painting and the applied arts from the Renaissance to the 20th Century. 
4088 WC  F  09:00a-11:50a  Donovan M  LB-B-107

ART-17A  INTRODUCTION TO CERAMICS
3 units: 2 hours lecture, 3 hours lab.  
Advisory: ENGL-85.  
This course is an introduction to ceramic materials, concepts, and processes including basic design elements and principles, creative development, hand-building, throwing, glaze techniques, firing and ceramic terminology. ART-17A requires a $10 material fee for glaze, which should be paid in Student Fees before the first class meeting. Upon payment students will receive a receipt to present to the instructor, which is required before using materials in class. 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 provide their own clay tools, available at the bookstore at an estimated cost of $10. 
8098  MW  05:30p-07:45p  Caredio S  PACHS  
Section 8098 is located at Pacheco High School; Room K-1; 200 Ward Rd., Los Banos.
ART-17B INTERMEDIATE CERAMICS
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: ART-17A. Advisory: ENGL-85.
This is an intermediate course in ceramic pottery and sculpture design and construction, non-technical glaze composition, and kiln firing. Students pursue projects of individual interest.
**ART-17B requires a $10 material fee for glaze, which should be paid in Student Fees before the first class meeting. Upon payment students will receive a receipt to present to the instructor, which is required before using materials in class. 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 provide their own clay tools, available at the bookstore at an estimated cost of $10.**

ART-24A DRAWING I
(C-ID ARTS 110)
3 units: 2 hours lecture, 3 hours lab.
Prerequisite/Advisory: None.
This course is an introduction to the principles, theories, and techniques of drawing and composition. Students will explore foundation-level concepts while surveying materials used in drawing as an art form, as well as the history of their development.

ART-24B INTERMEDIATE DRAWING
(C-ID ARTS 205)
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: ART-24A.
This course is an exploration of artistic concepts, styles, and creative expression related to intermediate-level drawing, focusing on complex subject matter and concepts using a variety of drawing mediums, techniques, and methodologies.

BIOLOGY (BIOL)

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

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.

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.

BUSINESS (BUS)

BUS-18A BUSINESS LAW
(C-ID BUS 125)
4 units: 4 hours lecture.
Advisories: BUS-10; ENGL-85.
This course is a study of legal principles that govern the conduct of business.

CHEMISTRY (CHEM)

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

CONTACT:
Latham E
Sigismond D

CONTACT: latham.r@mccd.edu; (209) 386-6728; Office LB-B-133, Los Banos Campus.
COMMENTS: All enrolled students must log on to the class using the Blackboard log-in page within the first 3 days of the class starting or may be dropped from the course. Students on the waitlist must email the instructor within the first 3 days of the class START date or they will be dropped from the waitlist. Instructor has office hours in Los Banos.
### MERCED COLLEGE

**Contact Information**
- **Phone:** 209.384.6000
- **Email:** robinson.d@mccd.edu

---

#### CHILD DEVELOPMENT (CLDV)

**CLDV-02 CHILD, FAMILY AND COMMUNITY**
- **(C-ID CDEV 110) (CSU breadth area D/E) (IGETC area 4)**
- **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-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.

#### COMMUNICATION STUDIES (COMM)

**COMM-01 FUNDAMENTALS OF SPEECH**
- **(C-ID COMM 140) (CSU breadth area A1) (IGETC area 1C-CSU only)**
- **3 units: 3 hours lecture.**
- Prerequisite: ENGL-85.
- This course is designed to instruct students in the fundamentals of composing, preparing and presenting speeches in front of audiences. The focus will be on researched speeches to inform and persuade.

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

**COMM-05 INTERPERSONAL COMMUNICATION**
- **(C-ID COMM 130) (CSU breadth area A1)**
- **3 units: 3 hours lecture.**
- Prerequisite: ENGL-85.
- The focus of this course is to examine successful verbal and nonverbal communication in interpersonal relationships.

#### COMPUTER SCIENCE (CPSC)

**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.

#### CRIMINAL JUSTICE (CRIM)

**CRIM-08 INTRODUCTION TO INVESTIGATION**
- **(C-ID AJ 140)**
- **3 units: 3 hours lecture.**
- Advisory: ENGL-85.
- This course covers the fundamentals of investigation.

#### DRAMA (DRAM)

**DRAM-01 INTRODUCTION TO THEATER**
- **(C-ID THTR 111) (CSU breadth area C1/C2) (IGETC area 3B)**
- **3 units: 3 hours lecture.**
- Advisory: ENGL-85.
- This course is an introduction to the art of theater that delves into the nature of theatrical presentation, elements of dramatic structure, and the contributions of the playwright, actor, director, designer, technician, and audience.

#### ECONOMICS (ECON)

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

#### COOPERATIVE EDUCATION (COOP)

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

---

**CONTACT:**

- ** ONLINE: robinson.d@mccd.edu **

**COMMENTS:** Microsoft Office 2013 Professional software is required to include ACCESS. Students must check college email account by the first day of the semester, if not a few days earlier for important instructions on getting started with this course.

**Section要求:**

- **(C-ID CDEV 110)** (CSU breadth area D/E) (IGETC area 4)
- **3 units: 3 hours lecture.**
- 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.

**Contact:**

- ** ONLINE: juan.garcia955@mccd.edu **

**COMMENTS:** Microsoft Office 2013 Professional software is required (to include ACCESS).

---

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

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

**Si-Supplemental Instruction class. See page 76 for details.**

**ONLINE/HYBRID:**

- **2392 ONLINE Garcia Martinez J**

**CONTACT:** juangarcia955@mccd.edu

**COMMENTS:** Microsoft Office 2013 Professional software is required (to include ACCESS).
ENGLISH (ENGL)

ENGL-01A COLLEGE COMPOSITION AND READING
(C-ID ENGL 100) (CSU breadth area A2) (IGETC area 1A) [CILC area G]
4 units: 4 hours lecture.
Prerequisite: ENGL-85. Advisory: LRNR-30.
This course focuses on critical reading and thinking, research strategies, and scholarly composition with proper documentation at the college transfer level. Students write expository, analytical, and argumentative essays informed by assigned readings, discussion, and/or research.

ONLINE/HYBRID
2396 ONLINE Long J
CONTACT: For course-specific questions contact the instructor at long.j@mccd.edu. For technology problems contact the help desk at www.mccd.edu/myhelp/ or (209) 381-6665.

LOS BANOS
4346 WC MW 12:00p-01:50p Chavez C LB-B-111
4352 MW 02:00p-03:50p Flanagan J LB-B-135
4348 TTh 10:00a-11:50a Kimoto S LB-B-137
4350 TTh 12:00p-01:50p Mingua-Lopstain LB-B-136
8346 WC TTh 05:30p-07:20p Chavez C LB-B-136

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.
4356 WC TTh 12:30p-01:45p Chavez C LB-A-105

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.
4358 WC MW 12:30p-01:45p Nelson K LB-B-135
4360 WC TTh 09:30a-10:45a Kludt K LB-B-136
4362 WC F 09:00a-11:50a Barnes L 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.
4366 WC MW 08:00a-10:15a Long J LB-B-112

ENGL-84 FOUNDATIONS IN WRITING III
5 units: 5 hours lecture.
Prerequisite: ENGL-83 or ESL-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.
4368 MW 08:00a-10:15a Friaz R LB-B-135
4370 TTh 12:30p-02:45p Kimoto S LB-B-135
8368 MW 05:30p-07:45p McNally P LB-B-135

ENGL-85 FOUNDATIONS IN ACADEMIC LITERACY
5 units: 4 hours lecture, 3 hours lab.
Prerequisite: READ-81 and ENGL-84
This course focuses on a process-based approach to writing essays, including an introduction to argumentation, and offers a review of grammar and English usage in conjunction with composition assignments.
4376 WC MW 08:00a-09:50a Nelson K LB-B-111
& MW 10:00a-11:15a Nelson K LB-A-109
Section 4376 requires the Aplia bundle with software access code. Fees apply, please refer to www.mercedcollegebookstore.com.
4378 WC MW 10:00a-11:50a Kimoto S LB-B-136
& MW 12:30p-01:45p Kimoto S LB-A-109
Section 4378 requires the Aplia bundle with software access code. Fees apply, please refer to www.mercedcollegebookstore.com.
4380 WC MW 12:00p-01:50p Franks S LB-B-136
& MW 02:00p-03:15p Franks S LB-A-109
Section 4380 requires the Aplia bundle with software access code. Fees apply, please refer to www.mercedcollegebookstore.com.
4382 WC MW 02:00p-03:50p Franks S LB-B-136
& MW 04:00p-05:15p Franks S LB-A-109
Section 4382 requires the Aplia bundle with software access code. Fees apply, please refer to www.mercedcollegebookstore.com.
4386 WC TTh 10:00a-11:50a Nelson K LB-B-135
Section 4386 requires the Aplia bundle with software access code. Fees apply, please refer to www.mercedcollegebookstore.com.
4384 WC TTh 12:00p-01:50p Kludt K LB-B-101
& TTh 02:00p-03:15p Kludt K LB-A-109
Section 4384 requires the Aplia bundle with software access code. Fees apply, please refer to www.mercedcollegebookstore.com.
8376 WC MW 05:30p-07:20p Flanagan J LB-B-111
& MW 07:30p-08:45p Flanagan J LB-A-109
Section 8376 requires the Aplia bundle with software access code. Fees apply, please refer to www.mercedcollegebookstore.com.

GEOGRAPHY (GEOG)

GEOG-01 PHYSICAL GEOGRAPHY
(CSU breadth area B1) (IGETC area 5A)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course is a spatial study of the Earth’s dynamic physical systems and processes. Topics include: Earth-sun geometry, weather, climate, water, landforms, soil, and the biosphere. Emphasis is on the interrelationships among environmental and human systems and processes and their resulting patterns and distributions.
8452 W 07:00p-09:50p Bloom K LB-B-106

GUIDANCE (GUID)

GUID-30 FOUNDATIONS AND STRATEGIES FOR COLLEGE SUCCESS
(CSU breadth area E)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This comprehensive course integrates the cultivation of skills, values, and attitudes indicative of confident, capable students/individuals with problem solving and critical/creative thinking.
Los Banos GUID-30 classes require 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.
4476 WC TTh 09:30a-10:45a Rodriguez L LB-B-106
9906 WC MW 10:00a-12:05p Aalgaard K LB-B-134
Section 9906 is held from 02/22/16 to 05/20/16.
KINE-31  AEROBIC TRAINING
1 unit: 3 hours lecture.
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.
4656  MW  12:30p-01:45p  Mendes D  LBPC
Section 4656 is located at Positive Changes; 1001 6th Street; Los Banos.

KINE-33  WEIGHT TRAINING
1 unit: 3 hours lab.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.
An open laboratory experience for those people who desire an individualized strength program using a combination of exercise machines and free weights.
8658  TTh  06:00p-07:15p  Toscano D  LBHS
Section 8658 is located at Los Banos High School; 1966 11th St; Room 502; Los Banos.

HISTORY (HIST)
HIST-04B  HISTORY OF CIVILIZATION: PART II
(C-ID HIST 180) (CSU breadth area C2/D1/F2) (IGETC area 3B)
3 units: 3 hours lecture.
Advisory: ENGL-01A.
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.
8498  MW  05:30p-06:45p  Cook J  LB-B-107

HIST-17A  UNITED STATES HISTORY AND UNITED STATES CONSTITUTION
(CSU breadth area C2/D/F1/F2) (IGETC area 3B/4)
3 units: 3 hours lecture.
Advisories: ENGL-01A.
This course is a continuation of HIST-17A from the end of the Reconstruction Period. The course covers the social, political, economic, and constitutional development of the nation.
4500  MW  03:30p-04:45p  Cook J  LB-B-107
4502  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/D/F1/F2) (IGETC area 3B/4)
3 units: 3 hours lecture.
Advisories: ENGL-01A.
This course is a continuation of HIST-17A from the end of the Reconstruction Period in 1877 to the present. It examines national, state, and local history from the late 19th century to the present.
4504  MW  02:00p-03:15p  McNally T  LB-B-107
4506  TTh  12:30p-01:45p  Gardner J  LB-B-107

KINESIOLOGY (KINE)
KINE-32  INTERMEDIATE AEROBICS
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.
4656  WC  12:30p-01:45p  Mendes D  LBPC
Section 4656 is located at Positive Changes; 1001 6th Street; Los Banos.

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

ONLINE/HYBRID
2391  HYBRID  Strait L
CONTACT: laura.strait@mccd.edu;
ORIENTATION: MANDATORY: January 20, 2016;
08:00a-09:50a; Los Banos Campus Room B-106. MANDATORY
IN-CLASS SESSIONS: Mid-term #1 - March 2, 2016;
08:00a-09:50a; LB-B-106. Mid-term #2 - April 20, 2016;
08:00a-09:50a; LB-B-106. Final Exam - May 25, 2016;
08:00a-09:50a; LB-B-106.
COMMENTS: Students who do not attend the MANDATORY
orientation will be dropped in favor of waitlisted students.
4576  MW  08:00a-09:50a  Schlinger C  LB-B-134
4578  WC  MW  12:00p-01:50p  Bryan J  LB-B-110
4580  WC  TTh  10:00a-11:50a  Bryan J  LB-B-134
4582  WC  TTh  02:00p-03:50p  Sutterfield M  LB-B-106
8580  WC  TTh  05:30p-07:20p  Sutterfield M  LB-B-110

MATH-02  PRECALCULUS
(CSU breadth area B4) (IGETC area 2)
4 units: 4 hours lecture.
Prerequisite: MATH-25. Advisory: ENGL-85.
This course is designed to prepare students for calculus. Topics of study include polynomials, complex numbers, algebra of functions, inverse functions, exponential, logarithmic, trigonometric functions and their graphs, systems of equations and inequalities, topics in analytic geometry, and polar coordinates.
4584  TTh  12:00p-01:50p  Schlinger C  LB-B-111

MATH-10  ELEMENTARY STATISTICS
(CSU breadth area B4) (IGETC area 2)
3 units: 3 hours lecture.
Prerequisite: MATH-C. Advisory: ENGL-85.
This course covers descriptive statistics, including organization and presentation of data; elementary probability including permutations, combinations, binomial and normal distributions; inferential statistics, including random sampling, hypothesis testing, regression, and correlation and chi-square distribution.
4588  WC  MW  09:30a-10:45a  Bryan J  LB-B-110
4590  WC  TTh  12:30p-01:45p  Strait L  LB-B-110
8588  WC  W  05:30p-08:20p  Sutterfield M  LB-B-110
MATH-25  TRIGONOMETRY  
(CSU breadth area B4)  
3 units: 3 hours lecture.  
Prerequisite: MATH-C. Advisory: ENGL-85.  
This course is a review of right triangle geometry, real numbers, functions and graphs, trigonometric functions and their graphs, identities, inverse trigonometry functions, solve trigonometric equations, solve right triangles, solve triangles using the Law of Sines, and Law of Cosines.  
4596  TTh  09:30a-10:45a  Schlinger C  LB-B-110

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.  
4604 WC  MW  12:00p-01:50p  Strait L  LB-B-137  
4606 WC  TTh  10:00a-11:50a  Sutterfield M  LB-B-106  
4612 WC  MW  12:00p-01:50p  Schlinger C  LB-B-106  
4614 WC  TTh  12:00p-01:50p  Bryan J  LB-B-137  
8610 $ WC  MW  05:30p-07:20p  Narvaez J  LB-B-134  
9922 $ WC  MTWTh  12:30p-01:45p  Sutterfield M  LB-B-134  
Section 9922 is held from 02/22/16 to 05/20/16.

MATH-81  BEGINNING ALGEBRA  
4 units: 4 hours lecture.  
Prerequisite: MATH-80. Advisory: ENGL-85.  
This course covers the four basic operations on real numbers and algebraic expressions. It also includes the order of operations, graphing and solving linear and absolute value equations and inequalities, systems of linear equations, exponents, polynomials, and a brief introduction to functions.  
4610 $ WC  MW  10:00a-11:50a  Sutterfield M  LB-B-106  
4612 WC  MW  12:00p-01:50p  Schlinger C  LB-B-106  
4614 WC  TTh  12:00p-01:50p  Bryan J  LB-B-137  
8610 $ WC  MW  05:30p-07:20p  Narvaez J  LB-B-134  
9922 $ WC  MTWTh  12:30p-01:45p  Sutterfield M  LB-B-134  

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.  
4600  MW  11:00a-12:15p  Albertson I  LB-B-112

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.  
4602  MW  12:30p-01:45p  Albertson I  LB-B-112

MUSIC  
MUSG-13  JAZZ Music History  
(CSU breadth area C1) (IGETC area 3A)  
3 units: 3 hours lecture.  
Advisory: ENGL-85.  
This course presents the history of jazz music from 1890 to present, including an introduction and analysis of major jazz artists and their contributions to this American art form.  
8626  M  07:00p-09:50p  Faria M  LB-A-103

MUSG-14  American Popular Music History  
(CSU breadth area C1) (IGETC area 3A)  
3 units: 3 hours lecture.  
Advisory: ENGL-85.  
This course presents an introduction to the history and literature of the popular music movement in the United States.  
8629  T  07:00p-09:50p  Gomes K  LB-A-103

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.  
4632  F  09:00a-11:50a  Caudle N  LB-B-110

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.  
This course offers instruction in argumentative and critical writing, critical thinking, research strategies, information literacy, and proper documentation.  
4646 WC  MW  12:30p-01:45p  Nelson K  LB-B-135  
4648 WC  TTh  09:30a-10:45a  Kludt K  LB-B-136  
4650  F  09:00a-11:50a  Barnes L  LB-B-111

PHYSICAL EDUCATION (PHED)  
PHED-10H  Walking for Cardiovascular Conditioning and Flexibility  
1 units 3 hours lab.  
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.  
This course is designed to improve cardiovascular efficiency, flexibility and strength through the use of walking and related activities.  
4664  TTh  08:00a-09:15a  Gomes A  LB-A-103  
Section 4664 orientation meeting will be held in LB-A-103; all other class meetings will be held off campus at Oliveira Park; corner of Ortigalita and Cardoza; Los Banos.

PHYSICAL SCIENCE (PHSC)  
PHSC-02  Survey of Chemistry and Physics  
(C-ID PHYS 140)  
3 units: 3 hours lecture.  
Prerequisite: MATH-81. Advisory: ENGL-85.  
An investigation of basic principles of physics and chemistry including matter, physical and chemical properties, energy, motion, light, atomic structure, bonding, solutions and chemical reactions.  
4674 WC  TTh  11:00a-12:15p  Sigismond D  LB-B-107

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

ONLINE/HYBRID  
2393  ONLINE  Gardner J  CONTACT: jennifer.gardner@mccd.edu  
COMMENTS: Students need to log-in within the first two days of class or they will be dropped. Log-in instructions can be found at www.mccd.edu/myhelp/default.aspx or call (209) 381-6565.

LOS BANOS  
4696 WC  MW  12:30p-01:45p  Gardner J  LB-B-107  
4698 WC  TTh  08:00a-09:15a  Gardner J  LB-B-107
PSYCHOLOGY (PSYC)

**PSYC-01A INTRODUCTION TO PSYCHOLOGY**
(C-ID PSY 110) (CSU breadth area D) (IGETC area 4)
3 units: 3 hours lecture.
Advisory: ENGL-85.
PSYC-01A is a survey course designed to provide an introduction to the facts and theories underlying human behavior.
4702 MW 08:00a-09:15a Coahran S LB-B-107

**PSYC-01B INTRODUCTION TO PSYCHOLOGICAL RESEARCH METHODS**
(C-ID PSY 200)
3 units: 3 hours lecture.
Prerequisite: PSYC-01A or PSYC-01AH; MATH-10 or PSYC-05.
Advisory: ENGL-01A.
This course reviews psychological methods of research. Attention will be focused on foundations of experimental design, procedures and methodology for collecting research data, and techniques used to analyze, report, and present findings in APA format.
4706 MW 02:00p-03:15p Coahran S LB-B-106

**PSYC-22 HUMAN SEXUALITY**
(C-ID PSY 130) (CSU breadth area D/E) (IGETC area 4)
3 units: 3 hours lecture.
Advisory: ENGL-85.
This course explores the psychology of human sexuality.
4710 TTh 08:00a-09:15a Coahran S LB-B-106

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.
4392 WC TTh 08:00a-09:15a Long J LB-B-136
& TTh 09:30a-10:45a Long J LB-A-110
8392 WC MW 05:30p-06:45p Cates K LB-B-136
& MW 07:00p-08:15p Cates K LB-A-110

**READ-81 FOUNDATIONS IN READING III**
4 units: 3 hours lecture, 3 hours lab.
Prerequisite: READ-80 or ESL-80. Advisory: Concurrent enrollment in ENGL-84.
This course is designed to improve a variety of reading comprehension skills and critical reading/thinking skills.
4402 WC MW 11:00a-12:15p Friaz R LB-B-135
& MW 12:30p-01:45p Friaz R LB-A-110
4404 WC MW 02:00p-03:15p Chavez C LB-B-112
& MW 03:30p-04:45p Chavez C LB-A-110
4406 WC TTh 09:30a-10:45a Franks S LB-B-112
& TTh 11:00a-12:15p Franks S LB-A-110
4408 WC TTh 02:00p-03:15p Mingua-Lopstain LB-B-137
& TTh 03:30p-04:45p Mingua-Lopstain LB-A-110
9912 WC TTh 08:00a-10:05a Staff LB-B-101
& TTh 10:15a-12:20p Staff LB-A-109

Section 9912 is held from 02/22/16 to 05/20/16.

SOCIOLOGY (SOC)

**SOC-01 INTRODUCTION TO SOCIOLOGY**
(C-ID SOCI 110) (CSU breadth area D) (IGETC area 4)
3 units: 3 hours lecture.
Advisories: ENGL-01A.
This course provides an introduction into what it means to be “sociologically mindful” and to think “sociologically” while understanding the difference from other ways of seeing the social world.
4732 MW 11:00a-12:15p Coahran S LB-B-107
4734 TTh 02:00p-03:15p Coahran S LB-B-107

SPANISH (SPAN)

**SPAN-01 ELEMENTARY SPANISH**
(C-ID SPAN 100) (CSU breadth area C2) (IGETC area 6)
5 units: 5 hours lecture.
Advisory: ENGL-84.
This course will focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency.
4746 WC TTh 11:00a-01:15p Cortes S LB-B-112
4748 WC 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 II**
(CSU breadth area C2) (IGETC area 3B/6)
5 units: 5 hours lecture.
Prerequisite: SPAN-01 or two years of high school Spanish.
SPAN-02 is the continuation of SPAN-01. This course will focus on the further development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency.
8750 TTh 05:30p-07:45p Wynne C LB-B-112

84 • LOS BANOS •

LC-Learning Community class. See page 55 for details.
$  Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.
Si-Supplemental Instruction class. See page 76 for details.
Online/Hybrid Classes. See page 58 for details.
WC-Class requires a Web Component. Contact the instructor for details.
SERVICES FOR STUDENTS
(MC) = Merced Campus  (LB) = Los Banos Campus

ACADEMIC COUNSELING
Although Academic Guidance Counseling is available on a drop-in basis, at certain points during the year, it is recommended that you make an appointment. Call (209) 381-6478 (MC) or (209) 826-3495/381-6411 (LB) to schedule an appointment now.

AUTOMATIC TELLER
Merced School Employees Federal Credit Union
ATM on campus
Get as little as $5. No surcharges. Located in the Student Union.
(209) 383-5550 or (800) 542-2345 | www.mercedschoolcu.org

BOOKSTORE
The Merced College Bookstore is located in the Student Union Building on the Merced Campus. At the Los Banos Campus the bookstore is located at the end of Building A. Both bookstores offer a textbook rental program inside the bookstore or online, and students can reserve new and used textbooks online for both stores as well. You will find in stock exact items your instructors have requested each semester such as new and used textbooks, paperbacks, study aids, art materials and nursing supplies. You will also find stationery items, collegiate apparel and other supplies. The bookstore will buy back textbooks each semester during finals week and at the beginning of each semester. Special orders and custom orders are welcomed any time. Regular bookstore hours are from 7:45a to 3:00p Monday through Friday, and from 5:45p to 7:15p Monday through Thursday. Extended business hours are offered during the beginning of each semester, please go to www.mercedcollegebookstore for details and extended business hours for both campuses.

CAMPUS DINING
Complete meals, soups, sandwiches, pizza and snacks at competitive prices can be purchased in the college’s attractive cafeteria located in the Student Union Building. The Campus Café also provides on-site affordable customized catering for small to large luncheons and BBQ. See the catering menu at www.mccd.edu and click on services, or call (209) 381-6549

CAREER/TRANSFER CENTER SERVICES
The Career/Transfer Center is the college’s career and college information and resource center. Students planning to transfer are encouraged to visit the center as early as possible. The Career/Transfer Center is open during the fall and spring semesters from 08:00a. to 04:30p. Monday through Friday. Summer hours will be posted on the web site. Call (209) 384-6243 for Career Services or (209) 384-6239 for Transfer Services.

COOPERATIVE EDUCATION
Cooperative Education allows students who work, volunteer, or are self-employed to earn units. Cooperative Education can offer students transfer-level credit, and students may repeat Co-op for four semesters, or 16 units. Students may enroll in cooperative education in our office in the Lesher Student Services Building, Merced Campus. Our regular office hours are: M-F 08:00a-04:00p (MC).

DEBT TO THE COLLEGE
Merced College will withhold grades, transcripts, degrees, certificates, registration privileges, or any other combination thereof, from any student or former student who has failed to pay a proper financial obligation due to the college.

When the outstanding financial obligation owed to the College is sent to our collection agencies, the collection cost incurred may be added to the original amount owed.

Registration may be reinstated after a payment plan has been set up with the College. To arrange a payment plan, contact the Student Fees Office (Merced) at (209) 384-6219 or (209) 384-6216 or (Los Banos) at (209) 826-3495 or (209) 381-6419.

DISABLED STUDENTS PROGRAM & SERVICES
The Disabled Students Program & Services (DSP&S) offers educational support services for students with a variety of disabilities, including those students with physical, psychological, communicative and learning disabilities. Support services and accommodations include, but are not limited to, priority registration, scheduling assistance, academic and vocational counseling, interpreters, test-taking accommodations, assistive technology and e-text, Kurzeil, or PDF.

DSP&S serves as a liaison with the campus and community agencies on behalf of students with disabilities. Students are encouraged to visit DSP&S in the Lesher Student Services Building, 2nd floor, office #234 on Merced Campus (209) 384-6156 or (209) 384-6311 (TDD) and in the
MERCED COLLEGE

E-MAIL FOR STUDENTS
Free student e-mail is available to all students who attend Merced College. The e-mail account may be accessed from within the Student Portal at https://mc4me.mccd.edu. Grades and communication about your registration group will be sent to your Merced College e-mail address. Your e-mail address (firstname.lastname@campus.mccd.edu) will allow you to send information to your college instructors and other college officials.

EXPENDED OPPORTUNITY PROGRAMS AND SERVICES/CARE PROGRAMS
The EOPS program provides academic and personal counseling, book service, book loans, and EOPS grants for eligible students. Other services available to eligible EOPS students include priority registration, tutoring, and computer access.

The CARE program is an additional service provided through the EOPS program to assist the single parent students that have a child under the age of 14 that receives TANF. The additional services to CARE eligible students include CARE orientation and workshops, CARE grants, meal cards, gas cards, and bus passes.

FINANCIAL AID
The Financial Aid Office offers assistance to full-time and part-time students by providing grants, fee waivers, scholarships and work-study jobs. Millions of dollars are awarded annually to Merced College students. We have a wide selection of written materials as well as computers so that you can access financial aid web sites. There is a FAFSA lab with staff available to help you understand the financial aid application. The goal of the Financial Aid Office is to reduce financial barriers to attending college. For more information contact us in person (3rd floor of the Lesher building), or via e-mail (financialaid@mccd.edu).

Financial aid refunds are processed through Higher One. If you apply for Financial Aid and register for classes, a Merced College Blue Card will be mailed to you. For any questions/concerns regarding your Financial Aid refund or Merced College Blue Card please contact Merced College Student Fees at (209) 384-6212. For more information, please go to www.mccd.edu/services/finaid/ or www.mercedbluecard.com.

GRADES
Grades are not available by phone. To access your grades for the semester go to the Merced College Portal home page https://mc4me.mccd.edu

- Enter your username and password
- Click on WebAdvisor Academic Profile
- click on Grades

Grades are typically available within two weeks of the end of the term.

HELP DESK
Phone: (209) 381-6565 or E-mail: myhelp@mccd.edu or www.mccd.edu/myhelp/

SPRING 2016 hours:
Monday-Thursday 10:00a-07:00p
Friday 08:00a-03:00p.

INTERNATIONAL STUDENTS SERVICES
International students may apply for admission to Merced College. Information can be obtained on the International Students page at www.mccd.edu. The International Students Services is located in the Communications Building. The telephone number is (209) 384-6229.

JOB OPPORTUNITY SERVICES
Job Opportunity Services offers employment referral assistance for part-time, temporary, and full-time jobs for students attending Merced College. Our regular semester office hours in the Lesher Student Services Center, Merced Campus are: M-Th 10:00p-02:00p and W 03:00p-06:00p, or by appointment. Phone number (209) 384-6068.

LIBRARY, MERCED
Merced Campus SPRING 2016 hours:
Monday, Tuesday, Wednesday, Thursday: 08:00a-08:30p
Friday: 08:00a-02:00p
Saturdays 09:00a-01:00p. (except holiday weekends.)

LIBRARY, LOS BANOS
Los Banos Campus - Building A; SPRING 2016 hours:
Monday, Tuesday, Wednesday, Thursday: 08:00a-08:00p
Friday: 08:00a-12:00p

PARKING
Merced Campus SPRING 2016
There are approximately 2,098 regular and 90 disabled parking spaces available for students to use. Parking lot locations are indicated on the campus map on page 107 Please note that Lot P8 (west side of campus) is designated for staff use only. There are also plenty of parking spaces in Lot P1 (Allied Health Parking Lot), and Lot P2 (Tri-College Center), which is near the new Allied Health Complex. Please note that the east side of University Avenue is for pedestrian use only.

Bikes are to be secured in designated bike racks and NOT to hand rails, trees or outside of a classroom. For more information, please review Board Policy 6750, Section 16. Furthermore, violations will be subject to impound.

Bike Rack Locations (BR):
- Administration Bldg-East
- Gym-Southwest Corner
- Pool-Southeast by FHA
- Tennis Courts-Middle
- Vocational Bldg-East
- Central Plant-West
- Plant Science-Southwest
- Child Development Center-Front
- Library-Front
- Allied Health Center-Southwest
- Science Bldg-North
- Services Bldg-West
- IAC-Southwest
- Fitness Lab-East
- Pool-Northwest
- Tri College-Northwest
- Science-South

Motorcycle Parking (M):
- S/E Corner of Parking Lot P9
- S/E Corner of Parking Lot P10
- N/E Corner of Parking Lot P5
- West side of Parking Lot P2

PARKING on campus is by permit only. This includes all streets and parking lots on campus. Permits must be properly displayed at all times. Semester permits cost $20 and may be purchased from Student Fees (located on the third floor in the Lesher Student Services Center). Day permits cost $1 and may be purchased at the yellow permit dispensers located in parking lots throughout campus. Day permits shall be placed “This side up” on the dashboard as directed on the permit and must be displayed in a manner that the permit number is clearly visible and unobstructed. Plastic permits shall be hung from the rearview mirror facing forward. Non-operational dispensers should be reported to the Campus Police Department.

DISABLED PARKING—Placards or license plates shall be displayed in conjunction with a valid parking permit. Disabled placards will exempt time limits in timed parking spaces but shall be displayed in conjunction with a valid parking permit. Disabled parking regulations are strictly enforced on campus.

PARKING VIOLATION FEES are processed by an outside processing
PERSONAL COUNSELING
Merced College offers confidential and brief counseling through Student Health Services. Services are provided at the Merced and Los Banos campuses for currently enrolled students during the fall and spring semesters. Our counselors are professionally trained and can assist you in exploring ways of coping with life’s difficulties. Community resources and referrals are also provided. To make an appointment call (209) 384-6045, (MC) or (209) 826-3495, ext. 6423 (LB).

STUDENT HEALTH SERVICES
All currently enrolled Merced College students have access to services provided through Student Health Services. A secondary student accident insurance policy is available to currently enrolled students injured while on campus, or while involved in Merced College sponsored activities. An Incident Report form must be completed at the time of the injury and prior to insurance paperwork processing.

Services provided include over-the-counter medication samples, health and wellness information, blood pressure checks, pregnancy testing, personal counseling, TB testing, and assistance with locating community resources.

We are located in the Student Union Building on the Merced campus, and in Student Services Building A on the Los Banos campus. Call (209) 384-6045 (MC) or (209) 826-3495, ext 6423, (LB) for more information or visit our web site at www.mccd.edu/studenthealth/.

VETERANS RESOURCE CENTER
Merced College welcomes veterans wishing to further their education and encourages them to seek assistance through the Merced College Veterans Resource Center located in the Student Union Building. Staff are available to provide the paperwork and information necessary to establish eligibility. Veterans are also supplied with information about other campus resources and local agencies services. Department of Veterans Affairs encourages all new and returning veterans to contact them directly at www.gibill.gov or (888) 442-4551 for questions about veteran’s benefits and payments.

Academic counselors specializing in Veterans services are available to provide educational and career planning. Veterans Counseling is provided in the Veterans Resource Center located in the Student Union Building Tuesday thru Thursday. General counseling services are provided on the second floor of the Lesher Student Services Center, next to Admissions. Class registration information can be found in the “Schedule of Classes” booklet printed each semester or on the Merced College web site http://www.mccd.edu/academics/resources/schedule.html.

Veterans with disabilities can receive assistance from the College’s Disabled Student Program & Services (DSP&S) program. Call (209) 384-6155 or visit the Disabled Student Program & Services web site at http://www.mccd.edu/dss/ for information about available services.

Personal Counseling is available through the Merced College Student Health Services Office. Call (209) 384-6045 or visit our Student Health web site at http://www.mccd.edu/studenthealth for information about personal counseling services.

Additional information may be obtained by calling the Veterans Resource Information Desk at 209-384-6118 or the Veterans Certifying Official at (209) 384-6113.
ENGLISH AS A SECOND LANGUAGE AND PRE-COLLEGE ENGLISH SEQUENCE 2015-2016

ENGL-01A (4 units)
College Composition and Reading

ENGL-85 (5 units)
Foundations in Academic Literacy

READ-81 (4 units)
Foundations in Reading III

READ-80 (4 units)
Foundations in Reading II

ENGL-84 (5 units)
Foundations in Writing III

ENGL-83 (5 units)
Foundations in Writing II

ESL-92A (5 units)
ESL Reading and Writing 1

ESL-92B (5 units)
ESL Reading and Writing 2

ESL-95 (3 units)
Intermediate ESL Grammar

ESL-96 (3 units)
High-Intermediate ESL Grammar I

ENGL-90 (4 units)
 Foundations in Reading and Writing I

ESL-98 (3 units)
ESL Pronunciation and Speaking

NON-CREDIT ESL

- 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

- Degree applicable courses
- Transferable
- Meets the English Competency requirements
BUSINESS AND COMMUNITY PROGRAMS

Community Services
The Community Services program at Merced College has been an integral part of the College’s commitment to provide education, enrichment, and adventure to the community. The Community Services Program offers:

1. Fee-based classes to district residents interested in studying specific interests and enrichment areas.
2. Special programs for children and young adults during the summer session, known as College for Kids classes, sports camps, and swimming as well as throughout the year in our Kids Center.
3. Trips and tours to museums, historic sites, sporting events, and cultural events or performances in other areas of California. Nominal fees are charged to offset the cost of the events and transportation. Escorted tours to locations throughout the world are also offered each year.
4. Traffic Safety School, licensed by the Department of Motor Vehicles, for adults and juveniles. With permission from the court of jurisdiction, taking this course will prevent your citation from appearing on your record. Traffic School Online, in English and in Spanish, is also available.

For more information about Community Services, call (209) 384-6224 or visit www.mercedcommunityservices.com.

Career Advancement Academy (CAA)
The Career Advancement Academy (CAA) also known as the Employer-Focused Training Center (ETC) is dedicated to meeting the needs of employees and job seekers interested in short-term vocational training. Courses available include the Technical Office Occupations (TOO) program and the Medical Assistant (MA) program. In addition, the Medical Assistant Program prepares students for the California Certified Medical Assistant (CCMA-AC) exam. Both of these programs are located at the Merced College Business Resource Center in downtown Merced. For more information about CAA, call (209) 386-6738 or visit www.mercedcollegecaa.org.

Center for International Trade Development (CITD)-Global Trade & Logistics (GT&L)
The CITDs enhance the competitive strength of California business in the international marketplace and support international trade development in their local and regional communities. The network has existing working relationships with local, industry, federal and international partners, and has contractual relationships with the U.S. Department of Commerce, International Trade Administration, the Western United States Agricultural Trade Association, US Agency for International Development, and the U.S. Department of Education, Business and International Education Programs. CITD serves over 2000 California businesses annually and offers the following value-added services:

- Assist community colleges in internationalizing their curricula and developing specialized programs and courses in international trade to help prepare California’s workforce to compete and contribute in the global economy.

The Global Trade and Logistics (GT&L) are hosted at Merced Community College District to serve the Central Mother Lode Region of Central California to support the following sector specific objectives:

- Expand the number of colleges offering global course content
- Expose more students to the global business and workplace environment
- Arm incumbent workers with an industry recognized credential to make them more globally competitive
- Promote exports which creates and supports high paying jobs, and helps with layoff aversion

To learn more, phone (209) 384-5892.

Retail, Hospitality, and Tourism/Learn & Earn (RHTLE)
Merced College hosts the Central and Mother Lode region’s Deputy Sector Navigator (DSN) for Retail, Hospitality, and Tourism industries from San Joaquin to Kern as well as Amador to Inyo Counties. The RHTLE DSN acts as a facilitator within all three of these economic sub-sectors, connecting industry employers with incumbent worker training and pipeline development with students within the public education system. The RHTLE DSN acts as a central point of contact for the sector within the region, offering a wide variety of workforce and educational resources in support of the statewide “Doing What Matters – for Jobs and the Economy” campaign (part of the California Community College Chancellor’s Office). For more information about RHTLE DSN, call (209) 386-6734 or visit www.doingwhatmatters.cccco.edu or www.centralvalley-motherlodertle.org.

Workplace Learning Resource Center
The Workplace Learning Resource Center (WpLRC) provides Contract Education training to local employers in the greater Merced area with customized training, leadership, and development programs. The trainings offered are soft skills, manager/supervisory, technical, and certification skills that employees can immediately apply to their job upon completion of the training. Since its inception in 1994, the WpLRC has increased Merced College’s capacity to deliver training services to regional businesses, industry partners, and individuals through research, in-service training, and the development and implementation of innovative training options. The WpLRC supports essential elements of the California Community College Mission and Goals, which is to advance California’s economic growth and global competitiveness through education, training, and services that contribute to continuous workforce improvement.

For more information about WpLRC, call (209) 386-6733 or visit www.mercedworkplacecenter.org.
ASSOCIATE DEGREE BREADTH REQUIREMENTS
2015-2016

Breadth requirements are designed to introduce students to the variety of means through which people comprehend the modern world. Those who receive associate degrees must possess in common certain basic principles, concepts and methodologies unique to and shared by the various fields of study. College-educated persons must be able to use this knowledge when evaluating and appreciating the physical environment, the culture, and the society in which they live. Most importantly, this education should lead to a better self understanding.

A student may use the same course to fulfill an AA/AS major requirement and associate degree breadth requirement.

To complete the associate breadth requirement, students must select courses that fulfill the unit requirements of the following areas:

Area A - Language and Rationality .................................................. (6 units total)
Courses in language and rationality are those which develop for the student the principles and applications of language toward logical thought, clear and precise expression and critical evaluation of communication in whatever symbol system the student uses. (Select one course from each area.)

(A1) English Composition..................................................(3 units)
ENGL-01A

(A2) Communication and Analytical Thinking .............................(3 units)
ACTG-04A
COMM-01, 01H, 02, 04, 05, 30
CPSC-07
ENGL-02, 13+, 13H+
MATH-C, 02, 02H, 04A, 04B, 04C, 06, 07, 08, 10, 15, 20A, 20B, 25, 26
PHIL-10, 12, 13+, 13H+
PSYC-05

Area B - Natural Sciences..................................................(3 units total)
Courses in the natural sciences are those which examine the physical universe, its life forms, and its natural phenomena.

ANSC-10
ANTH-01
ARCH-01
ASTR-01, 01L
BIOI-01, 02, 04A, 04B, 06, 09, 16, 18, 20, 32, 32L
CHEM-02A, 02B, 04A, 04B
ELCT-30
GEOG-01, 15
GEOL-01, 02, 03
PHSC-01, 01L, 02, 02L
PHYS-02A, 02B, 04A, 04B, 04C, 10
PLST-10
PSYC-15
SOIL-10

Area C – Humanities..................................................(3 units total)
Courses in the humanities are those which concentrate on the study of cultural activities and artistic expressions of human beings.

ART-01, 02, 06, 12A, 15, 24A
ARTD-40A, 40B, 41A, 41B, 41C
DRAM-01, 02, 02L, 04, 04L, 08, 12, 16, 23
ENGL-01B, 04A, 04B, 05, 06A, 06B, 07, 08, 10, 11, 14, 15, 18
FREN-01, 02, 03, 04
GERM-01, 02, 03, 04
HMNG-01, 02
HUM-01, 01H, 02, 02H, 15*, 21
JPNNS-01A, 01B, 02
MUSA-21B, 25A, 27A
MUSE-44, 45
MUSG-10, 11, 12, 13, 14
MUST-01, 02
PHIL-01, 01H, 02, 03, 04, 05, 15
PHOT-10A, 10B, 11A, 33, 35, 36
SPAN-01, 02, 03, 04, 10, 11

Area D - Social and Behavioral Sciences .................................(6 units total)
Courses in the social and behavioral sciences are those which focus on people as members of society. (Select one course from area D1 and one course from area D2.)

(D1) Social And Behavioral Sciences....................................(3 units)
Includes introductory or integrative survey courses in cultural anthropology, cultural geography, economics, psychology, sociology and related disciplines.

AGBS-11
AGRI-10
ANTH-02, 10*
CRIM-01
ECON-01, 02
GEOG-02, 12
PSYC-01A, 01AH, 15, 25
SOC-01, 02, 03

(D2) History and Political Sciences .......................................(3 units)
Includes introductory or integrative survey courses in history and political science.

POSC-01, 02

Area E - Lifelong Understanding and Self-Development (5 units total)
Courses in lifelong understanding and self-development are those which equip human beings for lifelong learning by providing them with the skills necessary to function as independent adults in contemporary society and foster an understanding of themselves as integrated physiological and psychological entities. (Select one course from each area.)

(E1) Integrated Organism..................................................(3 units)
AUTO-04
BUS-35
CLDV-01, 02, 09+, 38
CPSC-01
GUID-30, 48
HLTH-10, 15
KINE-01, 03
LAND-11
50S, 51C, 51F, 51G, 52C, 52D
NUTR-10
PSYC-09+, 22, 23, 36, 40
REGN-34

(E2) Activity .................................................................(2 units)
ATHL-01A, 01B, 01D, 01G, 01I, 01J, 01K, 01L, 02A, 02B, 02D,
02G, 02I, 02K, 03, 13
KINE-12A, 12B, 13, 14, 16, 19, 20, 23, 24A, 24B, 24C, 31, 32,
33, 34, 42
PHED-10A, 10F, 10H, 11C, 12H, 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.

Courses listed in multiple areas shall not be certified in more than one area.

06-11-15

+ENGL-13 = PHIL-13; ENGL-13H = PHIL-13H
+CLDV-09 = PSYC-09
COMPETENCY REQUIREMENTS

Students must achieve competency in the areas of reading, writing, mathematics, and computer and information literacy through the following:

Reading Competency
Students must receive a grade of “C” or better in ENGL-01A or the equivalent.

 Writing Competency
Students must receive a grade of “C” or better in ENGL-01A, or the equivalent.

Math Competency
Students must receive a grade of “C” or better in MATH-C or a grade of “C” or better in any course which has the prerequisite of Math C, or the equivalent.

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 2015-2016

Following are the areas of Computer and Information Literacy that various Merced College courses fulfil.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Effective Dates:</td>
<td>05-28-11 to 05-25-12</td>
<td>05-26-12 to 05-24-13</td>
<td>05-25-13 to 05-23-14</td>
<td>05-24-14 to 05-22-15</td>
<td>05-23-15 to 05-27-16</td>
</tr>
<tr>
<td>LVN Program</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>REGN Program</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>RADV Program</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>AGBS-18</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>CPSC-01</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>CPSC-24</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>CPSC-30</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>CPSC-31A</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>INDT-38</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>LRNR-30</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>AOM-58</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
<td>F</td>
</tr>
<tr>
<td>ART-41A, B, C</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
</tr>
<tr>
<td>ARTD-40A, 40B</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>ARTD-41A, 40B</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>BIOL-31</td>
<td>C</td>
<td>F</td>
<td>C</td>
<td>F</td>
<td>C</td>
</tr>
<tr>
<td>BIOL-32</td>
<td>C</td>
<td>F</td>
<td>C</td>
<td>F</td>
<td>C</td>
</tr>
<tr>
<td>BIOL-34</td>
<td>C</td>
<td>F</td>
<td>C</td>
<td>F</td>
<td>C</td>
</tr>
<tr>
<td>BIOL-35</td>
<td>C</td>
<td>F</td>
<td>C</td>
<td>F</td>
<td>C</td>
</tr>
<tr>
<td>BIOL-36</td>
<td>C</td>
<td>F</td>
<td>C</td>
<td>F</td>
<td>C</td>
</tr>
<tr>
<td>BIOL-37</td>
<td>C</td>
<td>F</td>
<td>C</td>
<td>F</td>
<td>C</td>
</tr>
<tr>
<td>BIOL-38</td>
<td>C</td>
<td>F</td>
<td>C</td>
<td>F</td>
<td>C</td>
</tr>
<tr>
<td>BIOL-39</td>
<td>C</td>
<td>F</td>
<td>C</td>
<td>F</td>
<td>C</td>
</tr>
<tr>
<td>BIOL-40</td>
<td>C</td>
<td>F</td>
<td>C</td>
<td>F</td>
<td>C</td>
</tr>
<tr>
<td>COMM-30</td>
<td>D</td>
<td>D</td>
<td>D</td>
<td>D</td>
<td>D</td>
</tr>
<tr>
<td>CRPS-05A</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>CPSC-05A</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>CPSC-1A</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>CPSC-2A</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>CPSC-3A</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>CPSC-4A</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>CPSC-5A</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>CRPS-42A</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>DART-40A</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>DART-40B</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>DART-41A</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>DART-41B</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>ELCT-40A, 40B</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>ELCT-51A</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>ENGL-01A</td>
<td>G</td>
<td>G</td>
<td>G</td>
<td>G</td>
<td>G</td>
</tr>
<tr>
<td>ENGL-13, 13H</td>
<td>G</td>
<td>G</td>
<td>G</td>
<td>G</td>
<td>G</td>
</tr>
<tr>
<td>ENGR-30</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
</tr>
<tr>
<td>INDT-20</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>PHIL-10</td>
<td>G</td>
<td>G</td>
<td>G</td>
<td>G</td>
<td>G</td>
</tr>
<tr>
<td>PHIL-13, 13H</td>
<td>G</td>
<td>G</td>
<td>G</td>
<td>G</td>
<td>G</td>
</tr>
<tr>
<td>PHOT-10A</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>PHOT-11A</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>PHOT-23</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>SONE-41</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
</tbody>
</table>
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.

- Students earning scores of 3, 4, or 5 in the physical and biological science AP examinations earn credit toward IGETC Area 5 and meet the IGETC laboratory activity requirement.
- AP exams in Biology, Chemistry or Physics B allow CCC campuses to apply 4 semester or 5 quarter units to IGETC certification. For Environmental Science, Physics C: Mechanics and Physics C: Electricity/Magnetism, 3 semester or 4 quarter units are applied for IGETC certification. Therefore, students who complete these exams will be required to complete at least 4 semester or 5 quarter units to satisfy the minimum required units for Area 5.
- There is no equivalent AP exam for Area 1B- Critical Thinking/Composition requirement and Area 1C – Oral Communication (CSU requirement only).
- Actual AP transfer credit awarded for admission, major or baccalaureate degree requirements is determined by the individual CSU and UC campus. Students should check with the transfer campus of their choice for its policies on awarding unit credit for AP exams.

ADVANCED PLACEMENT (AP) GRID 2015-2016

<table>
<thead>
<tr>
<th>AP Subject</th>
<th>Semester Credits Toward CSU-GE Breadth Certification</th>
<th>American Institutions and/or CSU-GE Breadth Area¹</th>
<th>Removal Date for GE Breadth²</th>
<th>IGETC Applicability (3 sem/4qrt)</th>
<th>MC Associate Degree Breadth Areas &amp; unit credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP Art History</td>
<td>3</td>
<td>C1 or C2</td>
<td>3A/3B</td>
<td>C (3)</td>
<td>B1 (6)</td>
</tr>
<tr>
<td>AP Biology</td>
<td>4</td>
<td>B2 + B3</td>
<td>5B + lab</td>
<td>B2 (3)</td>
<td>B1 (6)</td>
</tr>
<tr>
<td>AP Calculus AB</td>
<td>3</td>
<td>B4</td>
<td>2A</td>
<td>A2 (3)</td>
<td></td>
</tr>
<tr>
<td>AP Calculus BC</td>
<td>3</td>
<td>B4</td>
<td>2A</td>
<td>A2 (3)</td>
<td></td>
</tr>
<tr>
<td>AP Calculus BC / AB Subscore</td>
<td>3</td>
<td>B4</td>
<td>2A</td>
<td>A2 (3)</td>
<td></td>
</tr>
<tr>
<td>AP Chemistry</td>
<td>6</td>
<td>B1 + B3</td>
<td>F09</td>
<td>n/a</td>
<td></td>
</tr>
<tr>
<td>AP Chemistry</td>
<td>4</td>
<td>B1 + B3</td>
<td>5A+Lab</td>
<td>B1 (6)</td>
<td></td>
</tr>
<tr>
<td>AP Chinese Language and Culture</td>
<td>3</td>
<td>C2</td>
<td>6A+3B</td>
<td>C (3)</td>
<td></td>
</tr>
<tr>
<td>AP Comparative Government &amp; Politics</td>
<td>3</td>
<td>D8</td>
<td>4H</td>
<td>D2 (3)</td>
<td></td>
</tr>
<tr>
<td>AP Computer Science A</td>
<td>0</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td></td>
</tr>
<tr>
<td>AP Computer Science AB</td>
<td>0</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td></td>
</tr>
<tr>
<td>AP English Language and Composition</td>
<td>3</td>
<td>A2</td>
<td>1A</td>
<td>A1 (3)</td>
<td></td>
</tr>
<tr>
<td>AP English Literature and Composition</td>
<td>6</td>
<td>A2 + C2</td>
<td>1A/3B</td>
<td>A1 + C (6)</td>
<td></td>
</tr>
<tr>
<td>Course</td>
<td>Units</td>
<td>Restriction</td>
<td>Score</td>
<td>Notes</td>
<td></td>
</tr>
<tr>
<td>---------------------------------------------</td>
<td>-------</td>
<td>-------------</td>
<td>-------</td>
<td>-------</td>
<td></td>
</tr>
<tr>
<td>AP Environmental Science</td>
<td>4</td>
<td>B2 + B3</td>
<td>F09‡</td>
<td>n/a</td>
<td></td>
</tr>
<tr>
<td>AP Environmental Science</td>
<td>4</td>
<td>B1 + B3</td>
<td>5A + lab</td>
<td>B2 (4)</td>
<td></td>
</tr>
<tr>
<td>AP European History</td>
<td>3</td>
<td>C2 or D6</td>
<td>3B/4F§</td>
<td>D2 (3)</td>
<td></td>
</tr>
<tr>
<td>AP French Language</td>
<td>6</td>
<td>C2</td>
<td>F09‡</td>
<td>n/a</td>
<td></td>
</tr>
<tr>
<td>AP French Language</td>
<td>3</td>
<td>C2</td>
<td>F11</td>
<td>6A+3B</td>
<td>C (3)</td>
</tr>
<tr>
<td>AP French Language and Culture</td>
<td>3</td>
<td>C2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP French Literature</td>
<td>3</td>
<td>C2</td>
<td>F09‡</td>
<td>6A+3B</td>
<td>C (3)</td>
</tr>
<tr>
<td>AP German Language</td>
<td>6</td>
<td>C2</td>
<td>F09‡</td>
<td>n/a</td>
<td>C (6)</td>
</tr>
<tr>
<td>AP German Language</td>
<td>3</td>
<td>C2</td>
<td>F11</td>
<td>6A+3B</td>
<td>C (3)</td>
</tr>
<tr>
<td>AP German Language and Culture</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>4E</td>
<td>D1 (3)</td>
</tr>
<tr>
<td>AP Italian Language and Culture</td>
<td>3</td>
<td>C2</td>
<td>F10^5</td>
<td>6A+3B</td>
<td>C (3)</td>
</tr>
<tr>
<td>AP Japanese Language and Culture</td>
<td>3</td>
<td>C2</td>
<td></td>
<td>6A+3B</td>
<td>C (3)</td>
</tr>
<tr>
<td>AP Latin Literature</td>
<td>3</td>
<td>C2</td>
<td>F09‡</td>
<td>n/a</td>
<td>C (3)</td>
</tr>
<tr>
<td>AP Latin: Vergil</td>
<td>3</td>
<td>C2</td>
<td>F12</td>
<td>6A+3B</td>
<td>C (3)</td>
</tr>
<tr>
<td>AP Macroeconomics</td>
<td>3</td>
<td>D2</td>
<td></td>
<td>4B</td>
<td>D1 (3)</td>
</tr>
<tr>
<td>AP Microeconomics</td>
<td>3</td>
<td>D2</td>
<td></td>
<td>4B</td>
<td>D1 (3)</td>
</tr>
<tr>
<td>AP Music Theory</td>
<td>3</td>
<td>C1</td>
<td>F09‡</td>
<td>n/a</td>
<td>C (3)</td>
</tr>
<tr>
<td>AP Physics 1 §</td>
<td>4</td>
<td>B1 + B3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP Physics 2 §</td>
<td>4</td>
<td>B1 + B3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP Physics B §</td>
<td>6</td>
<td>B1 + B3</td>
<td>F09‡</td>
<td>n/a</td>
<td>B1 (6)</td>
</tr>
<tr>
<td>AP Physics B §</td>
<td>4</td>
<td>B1 + B3</td>
<td>F16</td>
<td>F13</td>
<td>5A + lab</td>
</tr>
<tr>
<td>AP Physics C (electricity/magnetism)§</td>
<td>4</td>
<td>B1 + B3</td>
<td></td>
<td>5A + lab</td>
<td>B1 (4)</td>
</tr>
<tr>
<td>AP Physics C (mechanics)§</td>
<td>4</td>
<td>B1 + B3</td>
<td></td>
<td>5A + lab</td>
<td>B1 (4)</td>
</tr>
<tr>
<td>AP Psychology</td>
<td>3</td>
<td>D9</td>
<td></td>
<td>4I</td>
<td>D1 (3)</td>
</tr>
<tr>
<td>AP Seminar</td>
<td>0</td>
<td>n/a</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP Spanish Language</td>
<td>6</td>
<td>C2</td>
<td>F09‡</td>
<td>n/a</td>
<td></td>
</tr>
<tr>
<td>AP Spanish Language and Culture</td>
<td>3</td>
<td>C2</td>
<td></td>
<td>6A+3B</td>
<td></td>
</tr>
<tr>
<td>AP Spanish Literature</td>
<td>6</td>
<td>C2</td>
<td>F09‡</td>
<td>n/a</td>
<td></td>
</tr>
<tr>
<td>AP Spanish Literature and Culture</td>
<td>3</td>
<td>C2</td>
<td>6A+3B</td>
<td>C (3)</td>
<td></td>
</tr>
<tr>
<td>AP Spanish Literature and Culture</td>
<td>3</td>
<td>C2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP Statistics</td>
<td>3</td>
<td>B4</td>
<td></td>
<td>2A</td>
<td>A2 (3)</td>
</tr>
<tr>
<td>AP Studio Art - 2D Design</td>
<td>0</td>
<td>n/a</td>
<td></td>
<td>n/a</td>
<td></td>
</tr>
<tr>
<td>AP Studio Art - 3D Design</td>
<td>0</td>
<td>n/a</td>
<td></td>
<td>n/a</td>
<td></td>
</tr>
<tr>
<td>AP Studio Art - Drawing</td>
<td>0</td>
<td>n/a</td>
<td></td>
<td>n/a</td>
<td></td>
</tr>
<tr>
<td>AP U.S. Government &amp; Politics</td>
<td>3</td>
<td>D8 + US-2</td>
<td></td>
<td>4H</td>
<td>D2 (3)</td>
</tr>
<tr>
<td>AP U.S. History</td>
<td>3</td>
<td>(C2 or D6) + US-1</td>
<td>3B/4F§</td>
<td>D2 (3)</td>
<td></td>
</tr>
<tr>
<td>AP World History</td>
<td>3</td>
<td>C2 or D6</td>
<td></td>
<td>3B/4F§</td>
<td>D2 (3)</td>
</tr>
</tbody>
</table>

3 Students seeking certification in GE Breadth prior to transfer must have passed the test before this date.

4 If a student passes more than one AP exam in calculus or computer science, only one examination may be applied to the baccalaureate.

5 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.

6 If a student passes more than one AP exam in physics, only six units of credit may be applied to the baccalaureate, and only four units of credit may be applied to a certification in GE Breadth.

ENGLISH: Language/Composition and Literature/Composition: Maximum Credit 8 quarter/5.3 semester units for both English Lang Comp and Lit/Comp.

MATH: Calculus AB/AB Subscore and Calculus BC: 8 quarter/5.3 semester units maximum for all exams; 4 quarter/2.7 semester units max between AB and AB subscore.

PHYSICS: Physics B, Physics C Mechanics and Physics C electricity/magnetism: 8 quarter/5.3 semester units maximum for all three physics exams.

CSU information from Coded memo: AA-2014-XX (April, 2014)
IGETC information from www.universityofcalifornia.edu (August 2011)
TRANSFER REQUIREMENTS 2015-2016

General Information
Merced College provides the first two years of a four-year college or university program. The requirements for transfer vary considerably among the four-year institutions in California. As a result, entering students are encouraged to meet with a counselor at the College as soon as possible to plan his/her course of study.

The four-year institutions in California fall generally into three categories:

1. The California State University System (CSU): CSU Bakersfield, CSU Channel Islands, CSU Chico, CSU Dominguez Hills, CSU Fresno, CSU Fullerton, CSU East Bay, Humboldt State University, CSU Long Beach, CSU Los Angeles, CSU Maritime Academy, CSU Monterey Bay, CSU Northridge, California State Polytechnic University, Pomona, CSU Sacramento, CSU San Bernardino, CSU San Marcos, San Diego State University, San Francisco State University, San Jose State University, California Polytechnic State University, San Luis Obispo, Sonoma State University, and CSU Stanislaus. Each CSU campus accepts certification of breadth requirements completed at Merced College.

2. The University of California (UC): UC Berkeley, UC Davis, UC Irvine, UC Los Angeles, UC Merced, UC Riverside, UC San Diego, UC San Francisco (medical school), UC Santa Barbara, and UC Santa Cruz. UC campuses support a “transfer core curriculum”; however, each UC campus may list particular breadth and major requirements. Refer to www.assist.org for articulation agreements.

3. The Independent or Private Colleges and Universities: Some examples of the over 100 in California include Brandman University, Stanford University, University of the Pacific, Fresno Pacific, and the University of Southern California. Each private college or university has its own unique requirements.

California State University (CSU)

Basic Information
Merced College courses numbered 1 - 49 have been designated baccalaureate level courses transferable to the CSU system. These courses will be accepted by any campus of the California State University system for credit toward its baccalaureate degrees.

In preparing for transfer to a CSU campus, you should follow two concurrent pathways to complete required course work:

1. The CSU General Education Breadth courses listed on the following page; and
2. Articulated lower division major preparation courses as designated by the particular CSU campus to which you plan to transfer. A Merced College counselor can assist you with course selection.

CSU Transfer Admission Requirements
The majority of transfer students enter as upper-division transfers. Students can qualify for admissions to the CSU system as an upper-division transfer if they have a minimum of 60 semester or 90 quarter units. Your overall grade point average must be at least 2.0 (2.40 for California nonresidents.) The GPA is calculated using all transfer units attempted.

Some transfers will enter as lower-division transfers. If, at the time you will enter the CSU, you have completed 59 or fewer semester or 89 or fewer quarter units you are a lower-division transfer. Some CSU campuses do not accept lower-division transfers, so be sure to check with the campus if you are considering transfer as a lower-division student.

CSU Transfer Breadth Curriculum
Merced College will certify completion of the General Education Breadth requirements in part, or in their entirety, if you are transferring to one of the 23 campuses of the California State University System.

Merced College will give full certification upon the satisfactory completion of 39 designated units. In addition, a minimum of nine upper division units must be taken as designated by the state university conferring the B.A./B.S. Degree. If the CSU campus requires more than 48 General Education/Breadth units, you will take the additional units after transfer.

To complete the CSU transfer breadth requirements, students must select courses that fulfill the unit requirements of specific areas. (Courses listed in these areas may change, depending upon CSU Chancellor’s Office approval.) The CSU transfer breadth requirements appear on the following page.

SB 1440
The Student Transfer Agreement Reform Act (SB 1440 – Padilla), signed into legislation on September 29, 2010, enables the California Community Colleges and California State University to collaborate on the creation of Associate in Arts Degree (AA) and Associate in Science (AS) Degree transfer programs. This new law requires community colleges to grant an associate degree for transfer to a student once a student has met specified general education and major requirements for the degree. Upon completion of the associate degree, the student is eligible for transfer with junior standing into the California State University (CSU) system.

Students are given guaranteed admission into the California State University (CSU) system, and further are given priority consideration when applying to a particular program that is similar to the student’s community college major. The law prohibits the CSU from requiring a transferring student to repeat courses similar to those taken at the community college that counted toward their associate degree for transfer. It is expected that community college students will be able to declare an interest in pursuing specific transfer AA/AS degrees. Currently, Merced College has four approved AA/AS-T Degrees: Administration of Justice, Communication Studies, Mathematics, and Psychology.

University of California System (UC)

Of the ten University of California campuses, nine welcome community college transfer students (UCSF is only a graduate level university). UC campuses support a “transfer core curriculum”; however, each of the ten campuses and the individual majors has unique requirements. Students planning to transfer to a UC campus should see a Merced College counselor as soon as possible in order to plan an appropriate program of study and work closely with the UC representative in the Career/Transfer Center.

Private Colleges and Universities
There are approximately 112 independent or private schools in the State of California not supported by state tax revenues. They vary greatly in programs offered, size, and number of transfer students. Each school acts autonomously, evaluating course work on an individual basis. To obtain specific transfer information, contact the admissions office at the school to which you wish to transfer. A Merced College counselor can help you plan your transfer program.
CLEP 2015-2016

COLLEGE LEVEL EXAMINATION PROGRAM

CSU System-wide Credit for External Examinations as of April 1, 2014

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>Subject</th>
<th>Course Description</th>
<th>Passing Score</th>
<th>Minimum Units</th>
<th>Minimum CSU Semester Credits Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Government</td>
<td>POSC-01 (D2)</td>
<td>50</td>
<td>3</td>
<td>D8 - 3 units</td>
</tr>
<tr>
<td>Analyzing and Interpreting</td>
<td></td>
<td>50</td>
<td>C2 - 3 units</td>
<td></td>
</tr>
<tr>
<td>Literature</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Calculus</td>
<td>MATH-04A (A2)</td>
<td>50</td>
<td>4</td>
<td>B4 - 3 units</td>
</tr>
<tr>
<td>College Algebra</td>
<td>MATH-26 (A2)</td>
<td>50</td>
<td>3</td>
<td>B4 - 3 units</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>
</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>
</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>
</tr>
<tr>
<td>History, United States II</td>
<td>HIST-17B (D2)</td>
<td>50</td>
<td>3</td>
<td>D6+US-1 - 3 units</td>
</tr>
<tr>
<td>Humanities</td>
<td>HUM-01 or HUM-02 (C)</td>
<td>50</td>
<td>3</td>
<td>C2 - 3 units</td>
</tr>
<tr>
<td>Introduction to Psychology</td>
<td>PSYC-01A (D1)</td>
<td>50</td>
<td>3</td>
<td>D9 - 3 units</td>
</tr>
<tr>
<td>Pre-Calculus</td>
<td>MATH-02 (A2)</td>
<td>50</td>
<td>4</td>
<td>B4 - 3 units</td>
</tr>
<tr>
<td>Principles of Management</td>
<td>MGMT-31 (No GE area)</td>
<td>50</td>
<td>3</td>
<td>N/A - 0 units</td>
</tr>
<tr>
<td>Principles of Microeconomics</td>
<td>ECON-01 (D1)</td>
<td>50</td>
<td>3</td>
<td>D2 - 3 units</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>
</tr>
<tr>
<td>Western Civilization I</td>
<td>HIST-04A (D2)</td>
<td>50</td>
<td>3</td>
<td>C2 or D6 - 3 units</td>
</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).

06-04-14
### AREA A: English Language Communication and Critical Thinking
Select one course from each category:

- **A1 Oral Communication**
  - COMM-01, 01H, 04, 05

- **A2 Written Communication [AP accepted]**
  - ENGL-01A

- **A3 Critical Thinking**
  - ENGL/PHIL-13, 13H, PHIL-10, 12

### AREA B: Scientific Inquiry and Quantitative Reasoning
A minimum of 9 units is required with one course each from areas B1, B2, and B4. At least one of the courses must be a lab course from B3 (Lab courses are underlined under B1 and B2):

- **B1 Physical Science [AP, IB & CLEP accepted]**
  - ARCH-01
  - ASTR-01, 01L
  - CHEM-02A, 02B, 04A, 04B
  - GEOG-01, 01L
  - GEOL-01, 02, 03
  - PHYS-02A, 02B, 04A, 04B, 04C, 10
  - SOIL-10

- **B2 Life Science [AP, IB & CLEP accepted]**
  - ANTH-01
  - BIOL-01, 02, 04A, 04B, 06, 09, 16, 18, 20, 32
  - PLSC-10
  - PSYC-15

- **B3 Laboratory Activity**
  - ANTH 01
  - ASTR 01L
  - BIOL 01, 02, 04A, 04B, 16, 18, 20, 32
  - CHEM 02A, 02B, 04A, 04B
  - GEOG 01L
  - GEOL 01, 02, 03
  - PHYS 02A, 02B, 04A, 04B, 04C
  - PLSC 10
  - SOIL 10

- **B4 Mathematics/Quantitative Reasoning [AP, IB & CLEP accepted]**
  - CPSC-07+
  - MATH-02, 02H, 04A, 04B, 04C, 06, 07+, 08, 10, 15, 20A, 20B, 25, 26
  - PSYC-05

### AREA C: Arts and Humanities
A minimum of 9 semester units are required with at least one course from each area:

- **C1 Arts (Art, Dance, Music, Theater) [AP & IB accepted]**
  - ART-01, 02, 06
  - ARTD-40A, 40B
  - DRAM-01, 08
  - ENGL-14, 15
  - MUSG-10, 11, 13, 14

- **C2 Humanities (Literature, Philosophy, and Foreign Language) [AP, IB & CLEP accepted]**
  - DRAM-01
  - ENGL-01B, 04A, 04B, 05, 06A, 06B, 07, 08, 10, 11, 18
  - FREN-01, 02, 03, 04
  - GER1-01, 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 [AP, IB & CLEP accepted]
A minimum of 9 semester units are required with courses in at least two disciplines:

- AGBS-11
- AGRI-10
- ANTH-02, 10
- CLDV-01, 02
- COMM-30
- CRIM-01
- ECON-01, 02
- GEOG-02
- HIST-04A, 04B, 05, 17A, 17AH, 17B, 17BH, 22, 23, 29
- HUM-15
- POSC-01, 02
- PSYC-01A, 01AH, 15, 22, 23, 25, 36
- SOC-01

### AREA E: Lifelong Understanding and Self-Development
A minimum of 3 units are required from the following:

- **E Integrated Organism [CLEP accepted]**
  - ATHL-02A, 02B, 02D, 02G, 02I, 02K
  - CLDV-01, 02, 09+
  - GUID-30
  - HLTH-10
  - NUTR-10
  - PSYC-09+, 22, 23
  - REGN-34

Minimum Total CSU-GE Certification: 39 Units
IGETC 2015-2016

Intersegmental General Education Transfer Curriculum

Completion of the IGETC permits a student to transfer from Merced College to a campus in either the California State University or the University of California system without the need after transfer to take additional, lower division, general education courses to satisfy the campus GE requirements. IGETC is not recommended for majors that require extensive lower division preparation. Consult with your counselor. Students may also fulfill the general education requirements by completing the specific lower division breadth and general education requirements of the school or college of the campus to which the student intends to transfer. Students intending to transfer to the California State University System may also complete the requirement by fulfilling the CSU's general education requirement.

Completion of the IGETC will not satisfy the American Institutions requirement. Courses used to satisfy the American Institutions requirement may not be counted to satisfy either a Humanities or a Social and Behavioral Science requirement.

AREA 1: English Communication
- UC: Select one course from 1A & 1B.
- CSU: Select one course from 1A, 1B and 1C.

Group A: English Composition [AP accepted]
- ENGL-01A

Group B: Critical Thinking
- ENGL/PHIL-13*, 13H+

Group C: Oral Communication (CSU REQUIREMENT ONLY)
- COMM-01+, 01H+, 04

AREA 2: Mathematical Concepts and Quantitative Reasoning [AP accepted]
- One course: 3 semester units
- CPSC-07 (same as MATH-07)
- MATH-02+, 02H+, 04A+, 04B+, 04C+, 06, 07, 08, 10, 15, 26+
- PSYC 05

AREA 3: Arts & Humanities
- A minimum of three courses (nine semester units) are required with at least one course from 3A and 3B

3A. Arts [AP & IB accepted]
- ART-01, 02
- ARTD-40A, 40B
- DRAM-08
- ENGL-14*
- HUM-21
- MUSG-10, 11, 13, 14
- PHOT-33

3B. Humanities [AP & IB accepted]
- DRAM-01
- ENGL-01B*, 04A, 04B, 05, 06A, 06B, 07, 08, 10, 11, 18
- FREN-03*, 04*
- GERM-02*, 03*, 04*
- HUM-01+, 01H+, 02+, 02H+, 15*
- 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
- AGBS-11
- ANTH-02, 10
- CLDV-01, 02
- COMM-30
- ECON-01, 02
- GEOG-02
- HIST-05, 09A, 17A++, 17AH++, 17B++, 17BH++, 22+, 23+
- HUM-15*
- POSC-01, 02
- PSYC-01A+, 01AH+, 15, 22, 23, 25, 36
- SOC-01

AREA 5: Physical & Biological Sciences
- A minimum of two course (7-9 semester units) is required with at least one course from 5A and 5B. At least one course must be a lab course listed in "5C Laboratory".

5A. Physical Science [AP & IB accepted]
- ARCH-01
- ASTR-01
- CHEM-02A+, 02B+, 04A, 04B
- GEOG-01
- GEOI-01, 02, 03
- 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, 32
- PLSC-10
- PSYC-15

5C. Laboratory [AP & IB accepted]
- ANTH-01
- ASTR-01L
- BIOL-01+, 02, 04A, 04B, 16, 18, 20, 32L
- CHEM-02A, 02B, 04A, 04B
- GEOG-01L
- GEOI-01, 02, 03
- PHSC-01L
- PHYS-02A, 02B, 04A, 04B, 04C
- PLSC-10
- SOIL-10

AREA 6: Language Other Than English [AP & IB accepted]  [UC ONLY]
- Requires proficiency equivalent to two years of high school study in the same language. Courses from another college, AP/IB, or courses above the proficiency level may also be used to meet this requirement.
- FREN-01, 02, 03*, 04*
- GERM-01, 02*, 03*, 04*
- HMNG-01, 02
- 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

07-08-15
IMPORTANT INFORMATION ABOUT UC’S TRANSFERABLE COURSE AGREEMENTS

Variable Topics Courses:
These courses are also called “Independent Studies”, “Special Studies”, “Special Topics”, “Field Work”, etc. Credit for variable topics courses is given only after a review of the scope and content of the course by the enrolling UC campus. This usually occurs after transfer and may require recommendations from faculty. Information about internships may also be presented for review, but credit for internships rarely transfers to UC. UC does not grant credit for variable topics courses in Journalism, Photography, Health, Business Administration, Architecture, Administration of Justice (Criminology) or Library Departments because of credit restrictions in these areas.

Honors Course Credit Limitation:
Duplicate credit will not be awarded for both the honors and regular versions of a course. Credit will only be awarded to the first course completed with a grade of C or better.

Course Repeatability:
An “ea” after the unit value of a course on this agreement is meant to indicate that the course may be repeated for credit under CCC campus policies. Since campus policies on repeatability vary, the “ea” indicator does not guarantee that UC will grant credit for every course that appears multiple times on a student’s transcript.

LEGEND:
* Any or all of these PE Activity courses combined: maximum credit, 4 units
+ATHL: Any or all of these courses combined: maximum credit, 8 units
*BIOI-01: No credit for BIOI-01 if taken after BIOI-04A (per catalog)
  ○ CHEM-02A No credit for CHEM-2A if taken after CHEM-4A
  + CHEM-02B No credit for CHEM-2B if taken after CHEM-12A
**FREN-01 Corresponds to two years of high school study
**GERM-01 Corresponds to two years of high school study
*HLTH-10 and HLTH-15 combined: maximum credit, one course
*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
*KINE: Any or all of these PE Activity courses combined: maximum credit, 4 units
*LAND-10A and 10B combined: maximum credit, one course
*LBST-10 and LBST-20 combined: maximum credit, one course
+MATH -02, MATH-2H and -26 combined: maximum credit, one course
**MATH-20A and MATH -20B combined: maximum credit, one course
*PHOT-10 AND PHOT-11A combined: maximum credit, one course
*PHED: Any or all of these PE activity courses combined: maximum credit, 4 semester units
*PHSC-01: No credit for PHSC-01 if taken after a college level courses in Astronomy, Geology, or Physics
**PHYS-02A, PHYS-02B and PHYS-04A, PHYS-04B, PHYS-04C combined: maximum credit, one series; deduct credit for duplication of topics
**PHYS-10: No credit if taken after PHYS-02A or PHYS-04A
*SPAN-01 and SPAN -10 combined: maximum credit, one course – corresponds to two years of high school study
○SPAN-02 and SPAN-11 combined: maximum credit, one course
### University of California Transfer Course Agreement

This agreement lists courses transferable for unit credit at all UC campuses. It is based on information from the 2013-14 UCOP (University of California Office of the President) transfer course agreement, and is valid for the current academic year listed at the top of this agreement. Courses marked with "UC-" 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 what courses 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)

**SEE NEXT PAGE FOR IMPORTANT INFORMATION ABOUT UC’S TRANSFERABLE COURSE AGREEMENTS.**

| ACTG-04A | DJAR-10 | ENGL-12 | *KINE-32 ea | *PHED-11A ea |
| ACTG-04B | DJAR-10 | ENGL-13/PHIL-13 (UC-E) | *KINE-33 ea | *PHED-11B ea |
| AGRI-10 | BUS-10 | ENGL-13/HIL-13H (UC-E) | *LAND-10A | *PHED-11C ea |
| AGBS-11 (UC-B) | BUS-18A | ENGL-14 (UC-E) | *LAND-10B | *PHED-11D ea |
| AGBS-18 | CHEM-02A w/lab (UC-S) | ENGL-14 (UC-H) | LAND-12 | *PHED-11E ea |
| ASLG-01 | CHEM-02B w/lab (UC-S) | ENGL-15 | LAND-16 | *PHED-12H ea |
| ASLG-02 (UC-H) | CHEM-04A w/lab (UC-S) | ENGL-18 (UC-H) | *LNRN-30 | *PHED-15 ea |
| ASLG-03 (UC-H) | CHEM-04B w/lab (UC-S) | **FREN-01 | *LBST--10 | PHED-20 |
| ANSC-10 | CHEM-12A w/lab (UC-S) | FREN-02 | LBST-20 | *PHED-31 |
| ANSC-10 | CHEM-12B w/lab (UC-S) | FREN-03 (UC-H) | LBST 30 | +PHED-32 |
| ANSC-15 | CLDV-01 (UC-B) | FREN-04 (UC-H) | taken after SUM2015 | +PHED-36D |
| ANSC-17 | CLDV-02 (UC-B) | GEOG-01 (UC-S) | +MATH-02 (UC-M) | PHSC-01 (UC-S) |
| ANSC-18 | CLDV-09PSYC-09 | GEOG-01L | +MATH-02H (UC-M) | |
| ANSC-19 | COMM-01 | GEOG-02 (UC-B) | *MATH-04A (UC-M) | |
| ANTH-01 w/lab (UC-S) | COMM-01H | GEOG-02 (UC-B) | *MATH-04B (UC-M) | |
| ANTH-02 (UC-B) | COMM-02/ENGL-02 | GEOG-02 (UC-S) | *MATH-04C (UC-M) | |
| ART-10B | COMM-04 | **GEOG-01M | MATH-06 (UC-M) | |
| ARCH-01 (UC-S) | COMM-30 (UC-B) | GERM-02 (UC-H) | MATH-07/PSYC-07 | |
| ART-01 (UC-H) | #CPSC-01 | GERM-03 (UC-H) | MATH-08 (UC-M) | |
| ART-02 (UC-H) | after taken SUM2015 | GERM-04 (UC-H) | MATH-10 (UC-M) | |
| ART-06 (UC-H) | CPSC-05A | GUM-03 (UC-H) | MATH-15 (UC-M) | |
| ART-12A | CPSC-06 | **HILTH-10 | **MATH-20A | |
| ART-12B | CPSC-07/MATH-07 | **HILTH-15 | **MATH-20B | |
| ART-15 | CPSC-30 | HIST-04A (UC-H) | +MATH-26 (UC-M) | |
| ART-17A | CPSC-39 | HIST-04B (UC-H) | MUS-20 | |
| ART-17B | CPSC-42 | HIST-05 (UC-B/H) | MUS-21A | |
| ART-17C | CRIM-02 | HIST-17A (UC-B/H) | MUS-21B | |
| ART-20A | CRIM-04 | HIST-17AH (UC-B/H) | MUSA-25A | |
| ART-20B | CRIM-05 | HIST-17B (UC-B/H) | MUSA-25B | |
| ART-23A | DART-10 | HIST-17BH (UC-B/H) | MUSA-27A | |
| ART-23B | DART 40A | HIST-22 (UC-B) | MUSA-27B | |
| ART-24A | DART 40B | HIST-23 (UC-B) | MUSE-41 | |
| ART-24B | DART-41A | HIST-17BH (UC-B/H) | MUSE-42 | |
| ART-24C | DART-41B | HIST-17BH (UC-B/H) | MUSE-43 | |
| ART-28A | DART-42A | HIST-22 (UC-B) | MUSE-44 ea | |
| ART-29A | DRFT-25 | HIST-23 (UC-B) | MUSE-45 ea | |
| ART-29B | DRAM-01 (UC-H) | HBST-30 | SOIL-10 (UC-S) | |
| ASTR-01 (UC-S) | DRAM-02 ea | HMBG-02 | **SPAN-01 | |
| ASTR-01A | DRAM-02L | HRNS-40A | **SPAN-02 (UC-H) | |
| *ATHL-01A | DRAM-04 ea | HRNS-40B | **SPAN-03 (UC-H) | |
| *ATHL-01B | DRAM-08 | HRNS-40C | **SPAN-04 (UC-H) | |
| *ATHL-01D ea | DRAM-12 | HRNS-40D | **SPAN-10 (UC-H) | |
| *ATHL-01G | DRAM-13 | HUM-01M (UC-H) | **SPAN-10 (UC-H) | |
| *ATHL-01H | DRAM-14 | HUM-01H (UC-H) | MUST-02 | |
| *ATHL-01I | DRAM-15 | HUM-02 (UC-H) | MUST-03 | |
| *ATHL-01K | DRAM-16 | HUM-02H (UC-H) | MUST-04 | |
| *ATHL-01L | DRAM-23 | HUM-15 (UC-B/H) | MUST-09 | |
| *ATHL-2A | ECMN-01 (UC-B) | HUM-21 (UC-H) | NUTR-10 | |
| *ATHL-2B | ECMN-02 (UC-B) | JEPS-01A | PHIL-01 (UC-H) | |
| *ATHL-2D | ENGR-14/CPSC-14 | **JEPS-01B | PHIL-01H (UC-H) | |
| *ATHL-2G | ENGR-15 | KINE-01 | PHIL-03 (UC-H) | |
| *ATHL-2H | ENGR-18 | KINE-2 | PHIL-04 (UC-H) | |
| *ATHL-3K | ENGR-30 | KINE-3 | PHIL-05 (UC-H) | |
| *ATHL-3K | ENGR-45 | KINE-4C | PHIL-10 (UC-H) | |
| *ATHL-3 ea | ENGR-45 | PHIL-12 (UC-H) | |
| *ATHL-13 | ENGR-01A (UC-E) | PHIL-13/ENGL-13 (UC-E) | |
| **ATHL-36A ea | ENGR-01B (UC-EH) | PHIL-13/ENGL-13H | |
| **ATHL-36B | ENGR-02/COMM-02 | PHIL-13 (UC-E) | |
| **ATHL-01A | ENGR-04A (UC-H) | KINE-14 ea | PHIL-15 (UC-H) | |
| *BIOL-01 w/lab (UC-S) | ENGR-04B (UC-H) | KINE-16 ea | PHOT-10A | |
| BIOL-02 (UC-S) | ENGR-04C (UC-H) | KINE-19 | PHOT-11D | |
| BIOL-04A w/lab (UC-S) | ENGR-04D (UC-H) | KINE-20 ea | PHOT-11A | |
| BIOL-04B w/lab (UC-S) | ENGR-06A (UC-H) | KINE-20A | PHOT-33 | |
| BIOL-06 (UC-S) | ENGR-06B (UC-H) | KINE 23 ea | PHED-10A ea | |
| BIOL-09 (UC-S) | ENGR-07 (UC-H) | KINE-24A | PHED-16A ea | |
| BIOL-16 w/lab (UC-S) | ENGR-08 | KINE-24B | PHED-10D ea | |
| BIOL-18 w/lab (UC-S) | KINE-10 (UC-H) | KINE-24C | PHED-16F ea | |
| BIOL-20 w/lab (UC-S) | ENGR-11 (UC-H) | KINE-31 ea | PHED-10H ea | |

*Updated 03-11-15*
If you have attended Merced College recently, your records should be on file and available to counselors. If you are new to Merced College, bring a copy of any prior (unofficial) transcripts whether from your high school or from other college(s) you attended. Bring these transcripts to your counseling appointment.

**Prerequisite:** This represents a set of skills or a body of knowledge that one must possess prior to enrolling in a course. Without these skills a student will unlikely receive a satisfactory grade in the course or succeed in the program. Students will not be permitted to enroll in these courses and programs without the prerequisite.

**Corequisite - One-way:** This represents a course whose content is dependent on a main course; however, the contents of the main course can stand alone. These courses do not necessarily need to be taken during the same semester.

**Corequisite - Two-way:** These are paired courses that are part of the same sequence and must be taken during the same semester.

**Limitation on Enrollment:** This is an audition or try-out requirement associated with public performance or intercollegiate competition, honors courses, or blocks of courses intended for a cohort or group of students (such as a nursing program).

**Advisory:** This is a course, skill, or status which is strongly recommended but not required. Students with the advised skill will probably have a better understanding of the course material.

**CHALLENGING A PREREQUISITE:**
Students who believe they have met the requirements (or if one of the conditions below exists) may challenge a prerequisite. A challenge petition can be obtained from the Counseling Office. The form will explain what must be done. Students may challenge the criteria for a course if they:

1. Believe they have the knowledge or ability to succeed in the course but have not completed the pre- or corequisite;
2. Believe that, although not having met the health or safety pre- or corequisite, feel they don’t pose a threat to themselves or others;
3. Believe they will be subject to undue delay in reaching the goal of their educational plan because the pre- or corequisite course has not been made reasonably available, or the course has been limited to a special group of students and there are no other courses which would fulfill the requirement. (Students must attach a copy of their “Student Educational Plan” to be eligible to file a challenge based on this condition.);
4. Believe that the pre- or corequisite was established in violation of Title 5 regulations or in violation of district-approved policies;
5. Believe it is unlawfully discriminatory or is being applied in an unlawfully discriminatory manner.

Supporting documentation MUST be attached to all challenges submitted. Challenges may be filed at anytime during the registration period. Upon completion of the challenge procedure, the challenge will be reviewed and the student will be advised of the determination within five working days. For more detailed information on the challenge process, call the Counseling Office at (209) 384-6314.

**THE ASSESSMENT PROCESS:**
Students new to Merced College or who have not completed transfer-level English and math courses should participate in the assessment process. Assessment instruments are used as an advisory tool to assist in identifying skill levels in English and math, and also in the selection of an educational program. Scores are advisory only. Counselors can discuss the scores and other relevant personal and educational information to help determine course selection. Course placement will be based on the placement range and other multiple measures, such as recent academic history.

Students pursuing an associate degree will have English and math requirements and should begin to fulfill these requirements as early in their college career as possible.

Goals of the assessment process are:
- To assist in determining which student and instructional services are needed to support admission and ongoing enrollment in the College;
- To assist in determining a student’s level of proficiency in the areas of reading, writing, and mathematics so that placement into course work is appropriate to one’s goals;
- And to assist in determining one’s career goals so that realistic and purposeful educational planning will be provided, and if one is undecided, the opportunity to participate in course work whose focus is career decision-making.

Except in rare circumstances when approved by a counselor, students are not allowed to retake assessment tests until the subsequent semester of enrollment. Once a student has begun a math or English course, assessment tests cannot be retaken.

Alternate assessment processes are provided to students with limited English proficiency or disabling conditions which may require accommodation. Contact the Assessment Technician at (209) 384-6089 for information.
COURSES RELATED IN CONTENT

The Board of Governors has changed the regulations for course repetition. The changes were made first and foremost to limit the number of times a student can enroll in the same or similar courses in physical education, visual and performing arts. In addition, changes were made to clarify the limited circumstances under which a student could enroll more than once in the same course. The regulations set upper limits on the number of times and circumstances in which a district may permit a student to enroll in the same credit course.

Active Participatory Courses in Physical Education, Visual and Performing Arts

Title 5 sections 55000, 55040, and 55041, now identify and limit the number of times a student can enroll in active participatory courses in physical education, visual and performing arts that are related in content. A course related in content includes any course with similar primary education activities in which skill levels or variations are separated into distinct courses with different student learning outcomes for each level or variation. Students are limited to four semester or six quarter enrollments in all levels and/or variation. ALL GRADES COUNT, INCLUDING F, W, FW, or NP.

The following is the list of courses that are approved by the committee as Courses Related in Content:

* Course is currently approved to be repeated. Please read course description for the limited number of repeats allowed.

+ Course is not active.

### 3-D Foundations
- ART-10A+ ART-10B+ ART-10C+ ART-10D+
- ART-11A+ ART-11B+ ART-11C+ ART-11D+

### Drawing
- ART-17A+ ART-17B+ ART-17C+ ART-17D+

### Foundations
- ART-25A+ ART-25B+ ART-25C+ ART-25D+
- ART-26A+ ART-26B+ ART-26C+ ART-26D+

### Graphic Design
- ARTD-41A+ ARTD-41B+ ARTD-41C+ ARTD-41D+

### Photoshop
- ARTD-40A+ ARTD-40B+ ARTD-40C+ ARTD-40D+

### Acting
- DRAM-02A+ DRAM-02B+ DRAM-02C+ DRAM-02D+
- DRAM-02E+ DRAM-02F+ DRAM-02G+ DRAM-02H+

### Theatre Production
- DRAM-02A+ DRAM-02B+ DRAM-02C+ DRAM-02D+
- DRAM-02E+ DRAM-02F+ DRAM-02G+ DRAM-02H+

### Theatre Design & Technology
- DRAM-02A+ DRAM-02B+ DRAM-02C+ DRAM-02D+
- DRAM-02E+ DRAM-02F+ DRAM-02G+ DRAM-02H+

### Large Music Ensemble

### Music Technique
- MUS-29A+ MUS-29B+ MUS-29C+ MUS-29D+
- MUS-29E+ MUS-29F+ MUS-29G+ MUS-29H+

### Applied Music
- MUS-35A+ MUS-35B+ MUS-35C+ MUS-35D+
- MUS-35E+ MUS-35F+ MUS-35G+ MUS-35H+

### 2-D Foundations
- ART-81A+ ART-81B+ ART-81C+ ART-81D+
- ART-26A+ ART-26B+ ART-26C+ ART-26D+

### Design
- ARTD-41A+ ARTD-41B+ ARTD-41C+ ARTD-41D+

### Painting & 2-D Foundations
- ART-05A+ ART-05B+ ART-05C+ ART-05D+
- ART-10A+ ART-10B+ ART-10C+ ART-10D+

### Graphic Design
- ARTD-41A+ ARTD-41B+ ARTD-41C+ ARTD-41D+

### 3-D Foundations
- ART-29A+ ART-29B+ ART-29C+ ART-29D+
<table>
<thead>
<tr>
<th>Small Music Ensemble</th>
<th>Team Sports</th>
<th>Aquatics</th>
<th>Life Fitness</th>
<th>Individual or Dual Sports</th>
<th>Professional Photography</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS-29A+</td>
<td>KINE-12A</td>
<td>KINE-20</td>
<td>KINE-31</td>
<td>KINE-42</td>
<td>PHOTO-32+</td>
</tr>
<tr>
<td>MUS-29B+</td>
<td>KINE-12B</td>
<td>KINE-22A+</td>
<td>KINE-32</td>
<td>PE-11A+</td>
<td>PHOTO-34+</td>
</tr>
<tr>
<td>MUS-29C+</td>
<td>KINE-13</td>
<td>KINE-22B+</td>
<td>KINE-33</td>
<td>PE-11B+</td>
<td>PHOTO-34A+</td>
</tr>
<tr>
<td>MUS-29D+</td>
<td>KINE-14</td>
<td>KINE-22C+</td>
<td>KINE-34</td>
<td>PE-11B2+</td>
<td>PHOTO-34B+</td>
</tr>
<tr>
<td>MUS-38</td>
<td>KINE-16</td>
<td>KINE-23</td>
<td>PE-10A+</td>
<td>PE-11B3+</td>
<td>PHOTO-35</td>
</tr>
<tr>
<td>MUS-42A+</td>
<td>KINE-19</td>
<td>KINE-24A+</td>
<td>PE-10A2+</td>
<td>PE-11B4+</td>
<td>PHOTO-36</td>
</tr>
<tr>
<td>MUS-42B+</td>
<td>KINE-21A+</td>
<td>KINE-24B</td>
<td>PE-10B+</td>
<td>PE-11B8+</td>
<td>PHOTO-48+</td>
</tr>
<tr>
<td>MUS-42C+</td>
<td>PE-12A+</td>
<td>KINE-24C</td>
<td>PE-10BR+</td>
<td>PE-11C1+</td>
<td>PHOTO-32+</td>
</tr>
<tr>
<td>MUS-42D</td>
<td>PE-12A2+</td>
<td>PE-13A+</td>
<td>PE-10C+</td>
<td>PE-11C2+</td>
<td>PHOTO-33A+</td>
</tr>
<tr>
<td>MUS-45+</td>
<td>PE-12A3+</td>
<td>PE-13A3+</td>
<td>PE-10CR+</td>
<td>PE-11C3+</td>
<td>PHOTO-33B+</td>
</tr>
<tr>
<td>MUS-45A+</td>
<td>PE-12A4+</td>
<td>PE-13A4+</td>
<td>PE-10D+</td>
<td>PE-11C4+</td>
<td>PHOTO-33C+</td>
</tr>
<tr>
<td>MUS-45B+</td>
<td>PE-12AR+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PE-11C5+</td>
<td>PHOTO-34A+</td>
</tr>
<tr>
<td>MUS-45C+</td>
<td>PE-12B+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PE-11D1+</td>
<td>PHOTO-34B+</td>
</tr>
<tr>
<td>MUS-45D+</td>
<td>PE-12B2+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PE-11D2+</td>
<td>PHOTO-48+</td>
</tr>
<tr>
<td>MUSE-42*</td>
<td>PE-12B+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PE-11D3+</td>
<td></td>
</tr>
<tr>
<td>MUSE-43*</td>
<td>PE-12B2+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PE-11D3R+</td>
<td></td>
</tr>
<tr>
<td>MUSE-45*</td>
<td>PE-12C+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PE-11D4+</td>
<td></td>
</tr>
<tr>
<td>MUSIC-29A+</td>
<td>PE-12C2+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PE-11D5+</td>
<td></td>
</tr>
<tr>
<td>MUSIC-29B+</td>
<td>PE-12CR+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PE-11E+</td>
<td></td>
</tr>
<tr>
<td>MUSIC-29C+</td>
<td>PE-12D+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PE-11E2+</td>
<td></td>
</tr>
<tr>
<td>MUSIC-29D+</td>
<td>PE-12D2+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PE-11E3+</td>
<td></td>
</tr>
<tr>
<td>MUSIC-37A+</td>
<td>PE-12E+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PE-11E4+</td>
<td></td>
</tr>
<tr>
<td>MUSIC-37B+</td>
<td>PE-12E2+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PHED-11A+</td>
<td></td>
</tr>
<tr>
<td>MUSIC-37C+</td>
<td>PE-12E3+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PHED-11B+</td>
<td></td>
</tr>
<tr>
<td>MUSIC-37D+</td>
<td>PE-12E4+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PHED-11C+</td>
<td></td>
</tr>
<tr>
<td>MUSIC-42A+</td>
<td>PE-12E5+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PHED-11C1+</td>
<td></td>
</tr>
<tr>
<td>MUSIC-42B+</td>
<td>PE-12E7+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PHED-11C2+</td>
<td></td>
</tr>
<tr>
<td>MUSIC-42C+</td>
<td>PE-12F+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PHED-11C3+</td>
<td></td>
</tr>
<tr>
<td>MUSIC-42D+</td>
<td>PE-12G+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PHED-11C4+</td>
<td></td>
</tr>
<tr>
<td>MUSIC-45A+</td>
<td>PE-12H+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PHED-11C5+</td>
<td></td>
</tr>
<tr>
<td>MUSIC-45B+</td>
<td>PE-13B2+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PHED-11D+</td>
<td></td>
</tr>
<tr>
<td>MUSIC-45C+</td>
<td>PE-13B3+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PHED-11D1+</td>
<td></td>
</tr>
<tr>
<td>MUSIC-45D+</td>
<td>PE-13B4+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PHED-11D1R+</td>
<td></td>
</tr>
<tr>
<td>PHED-12A+</td>
<td>PHED-12A+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PHED-11D2+</td>
<td></td>
</tr>
<tr>
<td>PHED-12AR+</td>
<td>PHED-12A+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PHED-11D2R+</td>
<td></td>
</tr>
<tr>
<td>PHED-12BR+</td>
<td>PHED-12A+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PHED-11D3+</td>
<td></td>
</tr>
<tr>
<td>PHED-12CR+</td>
<td>PHED-12A+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PHED-11D3R+</td>
<td></td>
</tr>
<tr>
<td>PHED-12D+</td>
<td>PHED-12A+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PHED-11D4+</td>
<td></td>
</tr>
<tr>
<td>PHED-12DR+</td>
<td>PHED-12A+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PHED-11D4R+</td>
<td></td>
</tr>
<tr>
<td>PHED-12E+</td>
<td>PHED-12A+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PHED-11D5+</td>
<td></td>
</tr>
<tr>
<td>PHED-12ER+</td>
<td>PHED-12A+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PHED-11D5R+</td>
<td></td>
</tr>
<tr>
<td>PHED-12F+</td>
<td>PHED-12A+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PHED-11DR+</td>
<td></td>
</tr>
<tr>
<td>PHED-12FR+</td>
<td>PHED-12A+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PHED-11E+</td>
<td></td>
</tr>
<tr>
<td>PHED-12G+</td>
<td>PHED-12A+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PHED-12H</td>
<td></td>
</tr>
<tr>
<td>PHED-12H</td>
<td>PHED-12A+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td>PHED-13F+</td>
<td></td>
</tr>
<tr>
<td>PHED-13F+</td>
<td>PHED-12A+</td>
<td>PE-13B+</td>
<td>PE-10D+</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
The Student Success and Support Program (SSSP) refers to the services Merced College provides you from your point of entry through the completion of your program of study. The State of California mandated SSSP services are the orientation, assessment, counseling and other educational planning, and follow up and referral. The intent of these services is to increase your opportunity for success in your academic pursuits. You are required to become a matriculated student unless you meet the exemption criteria.

**MERCED COLLEGE RESPONSIBILITIES**

Within the Student Success and Support Program Merced College provides an orientation to college programs, services, and procedures; an assessment of basic educational skills and career goals; pre-enrollment counseling/advising and course selection; a suitable curriculum or program of courses; quality instruction; and continuous follow up on student progress with referral to support services when needed.

**STUDENT RESPONSIBILITIES**

As part of the Student Success and Support Program, students agree to express a broad educational intent at the time of admission; declare a specific educational objective within a reasonable period of enrollment; complete the placement test or other assessments; confer with counselors for registration approval and discussion of educational and vocational choices; attend classes (including orientation) and complete assigned course work; seek out support services as needed; and complete courses and maintain progress toward an educational goal.

You are a **matriculated student** if you have completed the orientation, assessment process, and have met with a counselor to complete an abbreviated or comprehensive student education plan.

You are an **exempted student** if you have an AA/AS or higher degree (and can provide documentation); are enrolling at the college for a reason other than career development or advancement, transfer, attainment of a degree or certificate of achievement, or completion of a basic skills or English as a Second Language course sequence; are enrolling at the college solely to take a course that is legally mandated for employment or necessary in response to a significant change in industry or licensure standards; has enrolled at the college as a special admit student (K-12).

As an exempted student, you are not required to participate in any SSSP service. However, you may participate in any or all of these services if you choose to do so.

To become a **matriculated student**, you must complete the following SSSP services. To begin the matriculation process visit our website at www.mccd.edu and click on New & Returning Students. The steps are listed as follows:

- Apply - complete our online application
- Orient - complete our online orientation
- Assess - complete the assessment requirements
- Plan - sign up for a new student planning session.

Note: Please identify any special needs accommodations required when you make any of the above appointments.

- Complete the English and Math assessments. **Your student ID card is required.** Retaking assessment tests is not allowed until your subsequent semester of enrollment, except in rare circumstances when approved by a counselor. Once you have begun a math or English course, you cannot retake the assessment tests. The Assessment Center is located on the first floor of the Lesher Student Services Center.
- Bring your assessment information and high school and/or other college transcripts to your new student planning session.
- Register for classes, beginning October 15, 2014, on the Merced College website or at the registration counter in the Lesher Student Services Center.
- Pay fees, according to the fee payment schedule in place at the time you register, at the Student Fees counter in the Lesher Student Services Center.
General Information

**Educational Opportunities**
Founded in 1962, Merced College offers students an opportunity to obtain an associate degree or to transfer academic credits to the California State University or the University of California. The College offers vocational certificates in various programs and serves all students who live within the District.

**Admission to Merced College**
Each candidate should have a high school diploma or equivalent, or should be a minimum of 18 years old, and should be able to take advantage of the instruction offered.

**Registration at Merced College**
The Office of Admissions and Records has the responsibility to admit and assist with the registration of all eligible students. Prospective students should follow these general guidelines for admission and registration:

- Participate in the orientation/advising process.
- Complete the application for admission at www.cccapply.org
- Register online for classes and pay fees.

Detailed information regarding this process is available online. [http://www.mccd.edu/students_new_returning.html](http://www.mccd.edu/students_new_returning.html)

**Student Services**
Counseling services are available to assist students in the selection of appropriate courses and to provide other course-related assistance and referrals. Financial aid is available to all eligible students. Many grants and/or scholarship can help pay for educational expenses. For more information regarding these and other student services go to [www.mccd.edu/services/index.html](http://www.mccd.edu/services/index.html).

**Information in español**

**Oportunidades Educativas**
Fundada en 1962, El Colegio Comunitario de Merced ofrece a los estudiantes la oportunidad de obtener un grado de asociado o la transferencia de créditos académicos a la Universidad Estatal de California o la Universidad de California. El Colegio ofrece certificados vocacionales en diversos programas y sirve a todos los estudiantes que viven dentro del Distrito.

**Inscripción en el Colegio Comunitario de Merced**
La Oficina de Admisiones y Archivos es responsable por la admisión y asistencia en la inscripción de todos estudiantes que califican para admisión. Futuros estudiantes deben de seguir las directivas generales sobre admisión y inscripción:

- Participe en los procesos de admisión y consejos.
- Cumpla la aplicación de de admisión a [www.cccapply.org](http://www.cccapply.org)
- Regístrate en el internet por clases y el pago de matrícula

Información detallada tocante estos procesos está disponible en el internet: [http://www.mccd.edu/students_new_returning.html](http://www.mccd.edu/students_new_returning.html)

**Servicios Estudiantiles**
El Colegio ofrece servicios de consejos para ayudar estudiantes elegir clases apropiadas y a proveer asistencias relacionadas a clases. También se ofrece asistencia financiera a estudiantes que califican. Hay muchas becas que ayudan con los gastos educativos. Si necesita más información tocante todos estos servicios, contacte el Colegio Comunitario de Merced a: [www.mccd.edu/services/index.html](http://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 other copyrighted intellectual property. Illegal forms of downloading and file sharing as well as the unauthorized distribution of copyrighted materials are violations of the law and may subject offenders to academic sanctions from the College as well as criminal and civil penalties, including a lawsuit brought by the Recording Industry Association of America (RIAA). In addition to being illegal, file sharing drains the District’s network bandwidth, which slows computer connections for students and employees who are using the network for legitimate academic purposes and ultimately creates an unnecessary financial burden to the College. The District has developed policies with consequences to ensure that students properly use the information network and respect music and other forms of intellectual property as well as conduct responsible use of the Internet. These policies are available from the President’s Office or from the Learning Resources Center.

Drug And Alcohol Free Campus Information

Merced College is an alcohol and drug free educational institution. In addition to being a violation of state and federal laws, Merced College Board Policies and Administrative Procedures #3550, Drug-free Environment and Drug Prevention Program, and #5500, Standards of Conduct, make the distribution, possession, use, or being under the influence of alcohol or illegal controlled substances, or offering, arranging or negotiating the sale of any drug paraphernalia [as defined in California Health and Safety Code Section 11014.5], forbidden on campus, at off-campus centers, or at campus sponsored events or activities [except as noted in Board Policy and Administrative Procedure #3560].

The following information is provided to you to make you aware of the disciplinary and/or criminal actions that can result from violations as stipulated in Board Policies and Administrative Procedures #3550 and #5500. It is also to familiarize you with support resources available.

If you or a fellow student has a drug or alcohol related problem, you are encouraged to meet with the Student Health Nurse (384-6045) or a Personal Counselor (384-6045) so that we may assist you in locating the appropriate resources.

As an educational institution, we recognize the importance of providing all members of the college community with information on the effects of alcohol and drug use. Students may obtain such information through the Student Health Center. Students are asked to review the “Standards of Student Conduct” section in the College catalog for details regarding legal and disciplinary sanctions for violations of these policies.

If there are any questions regarding these regulations, please see the Vice-President of Student Services, located in the Administration Building.

Health Risks

Substance abuse on college campuses is not new, but it is taking on more extreme and dangerous forms. Higher rates of binge drinking and prescription drug abuse, in addition to the abuse of other substances, is resulting in more negative consequences for students, including arrests and risky sexual behavior.

Alcohol and drugs can make you sick, damage your body and brain, or kill you. Health risks from excessive use of alcohol and/or controlled substances may include poor vision, loss of coordination, memory loss, loss of sensation, mental and physical disturbances (DT’s), brain damage, liver failure, digestive problems, heart disease, and malnutrition. When alcohol is used with other drugs, there is a greater risk of serious illness or death.

Using drugs or alcohol can make it difficult for you to learn and remember things. When using drugs, you often lose your coordination and can’t think clearly. Alcohol or drug use may cause or increase feelings of anxiety, depression, and unhappiness, and may even trigger psychosis (loss of reality). More than half of all teenage suicides are drug related. Drug and/or alcohol abuse have significant consequences for the health and well-being of those who use, as well as those around them.

Disciplinary Actions

Disciplinary action for violation of the Merced College Drug and Alcohol Policies:

In addition to the penalties stated in the Merced College Board Policies and Administrative Procedures #3550 and #5500, the Merced College Police Department will be notified of the offenses and may initiate criminal action with the Merced County District Attorney’s Office.
Gainful Employment Disclosure Metrics

Federal Department of Education’s regulation on Gainful Employment requires each college to provide students with Gainful Employment (GE) disclosure metrics that can be helpful when deciding where to obtain career technical education training. GE information for Merced College can be found by selecting the Gainful Employment Disclosure icon on the Merced College home page or by logging on to the following web site: Merced College Gainful Employment.

Non-discrimination

The Merced Community College District prohibits discrimination on the basis of race, color, sex, religion, national origin, ethnic group identification, ancestry, age, physical or mental disability, medical condition, military service, sexual orientation, marital status, pregnancy, or any other basis prohibited by law.

The District operates in compliance with all applicable laws, regulations, and requirements related to its status as a public educational entity and the receipt of Federal and/or State funds, including but not limited to Title VI of the Civil Rights Act of 1964 and its amendments, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990, the Age Discrimination Act of 1975, the Age Discrimination in Employment Act, and the California Fair Employment and Housing Act. In so doing, the District is committed to providing equal opportunities for all individuals in employment and in all programs and activities which it conducts. Therefore, no enrolled student or District employee or applicants for enrollment or employment with the District; or others who might receive the benefits of college activities, programs, and services shall be excluded from participation in, denied benefits of, or be subject to discrimination in any process, position, program, service, or activity, on any basis prohibited by law.

Individuals who believe they have been subjected to discrimination or harassment may initiate a complaint pursuant to the District’s Board Policy 3430 (Complaints of Unlawful Discrimination), which describes the District’s rules and procedures relating to unlawful discrimination, including instructions on how to initiate a complaint, how an individual’s complaint is processed, and a description of how an individual is notified of the outcome of his or her complaint, including enforcement of corrective action, if necessary.

Individuals who seek information and/or who wish to initiate a complaint for alleged acts of discrimination or harassment are directed to contact the Director of Human Resources at (209) 384-6102. A copy of Board Policy 3430, as well as assistance with initiating a complaint for alleged acts of discrimination or harassment, may also be obtained by contacting the vice president of Administrative Services. The District maintains the confidentiality of all complaints of unlawful discrimination except where disclosure is required by law.

A copy of Board Policy 3430, complaint forms and other materials are available online at www.mccd.edu.

Sexual Harassment

Introduction

Education Code 66281.5(b) requires the adoption of a policy statement setting forth the District’s commitment to provide an educational and work environment free from unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct or communications constituting sexual harassment.

Purpose

It is the intent of the Board of Trustees to deem as unacceptable any form of sexual harassment. Such conduct undermines the integrity of the classroom and/or the employment relationship or work/academic environment. Conduct constituting sexual harassment will not be tolerated in the District. It is understood that this policy is not intended to infringe upon Academic Freedom except to the extent provided by law.

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 regarding benefits and services, honors, programs, or activities available at or through the educational institution.

This definition encompasses two kinds of sexual harassment:

1. “Quid pro quo” sexual harassment occurs when a person in a position of authority makes educational or employment benefits conditional upon an individual’s willingness to engage in or tolerate unwanted sexual conduct.
2. “Hostile environment” sexual harassment occurs when unwelcome conduct based on sex is sufficiently severe or pervasive so as to alter the conditions of an individual’s learning or work environment, unreasonably interferes with an individual’s academic work performance, or creates an intimidating, hostile, or abusive learning or work environment. The victim must subjectively perceive the environment as hostile, and the harassment must be such that a reasonable person of the same gender would perceive the environment as hostile.

Sexual harassment can consist of virtually any form or combination of verbal, physical, visual or environmental conduct. It need not be explicit, or even specifically directed at the victim. Sexually harassing conduct can occur between people of the same or different genders. The standard for determining whether conduct constitutes sexual harassment is whether a reasonable person of the same gender as the victim would perceive the conduct as harassment based on sex. The determination of whether an environment is hostile is based on the totality of the circumstances, including such factors as the frequency of the conduct, the severity of the conduct, whether the conduct is humiliating or physically threatening, and whether the conduct unreasonably interferes with an individual's learning or work.

Environmental

Environmental sexual harassment is an academic or work environment that is permeated with sexually-oriented talk, innuendo, insults, or abuse not relevant to the subject matter of the class. A hostile environment
can arise from an unwarranted focus on sexual topics or sexually suggestive statements in the classroom. An environment may be hostile if unwelcome sexual behavior is directed specifically at an individual or if the individual merely witnesses unlawful harassment in his or her immediate surroundings.

Implementation
This policy assigns ultimate responsibility for implementing the sexual harassment policy to the District Equal Employment Opportunity Officer. He/she shall also be responsible for insuring that other policies and procedures developed related to sexual harassment support this policy.

Retaliation
It is unlawful to retaliate against an employee or student who makes a complaint of sexual harassment, who communicates with or contacts District compliance officer(s) or regulatory agencies, or who is a potential witness or participates in any manner in a sexual harassment investigation, hearing, or proceeding.

Campus Sexual Violence Elimination (SaVE) Act
The Campus Sexual Violence Elimination (SaVE) Act was signed into law in 2013, as part of the Violence Against Women Act (VAWA) Reauthorization. This law mandates increased transparency on campus about incidents of sexual violence, guarantees victims enhanced rights, sets standards for disciplinary proceedings, and requires campus-wide prevention education programs. The Campus SaVE Act amends the Clery Act, which addresses campus sexual assault policies within the Higher Education Act of 1965. For comprehensive information regarding sexual assault prevention and reporting, as well as campus and community resources, please refer to the Campus Police web page http://www.mccd.edu/about_us/merced_college/operations/police/sa_help.html, or search “Sexual Assault Help” on the MC website. You may also contact Campus Police at (209) 384-6054, or Student Health Services at (209) 384-6045.

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, 54616
Family - Educational - Rights and Privacy Act (FERPA)
HHS - Office for Human Research Protections

In compliance with the Student-Right-to-Know and Campus Security Act of 1990 (Public Law 101-542), it is the policy of our college district to make available its completion and transfer rates to all current and prospective students. Beginning in Fall 2010, a cohort of all certificate-, degree-, and transfer-seeking first-time, full-time students were tracked over a three-year period. Their completion and transfer rates are listed above. These rates do not represent the success rates of the entire student population at the College nor do they account for student outcomes occurring after this three-year tracking period.

Based upon the cohort defined above, a Completer is a student who attained a certificate or degree or became ‘transfer prepared’ during a three-year period, from Fall 2010 to Spring 2013. Students who have completed 60 transferable units with a GPA of 2.0 or better are considered ‘transfer-prepared’. Students who transferred to another post-secondary institution, prior to attaining a degree, certificate, or becoming ‘transfer-prepared’ during a five-semester period, from Spring 2011 to Spring 2013, are transfer students.

Section 504 of the Rehabilitation Act of 1973
Section 504 is also known as the “Access Law.” It provides program and physical access for students with disabilities. The law states that: “No otherwise qualified individual in the United States...shall, solely by reason of disability, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance.” When providing aid, benefit or service, public entities must provide opportunities for individuals with disabilities to participate that are as effective as the opportunities provided to others.

MCCD 504 Coordinator Phone: (209) 384-6192
Address: Merced College; 3600 M Street; Merced, CA 95348

The procedures for filing a complaint may be obtained from persons listed above.
SECCIÓN 504 DEL ACTO DE REHABILITACIÓN DE 1973

Sección 504 es parte de la Ley Federal de Rehabilitación de 1973. Otras leyes incluyen el Título VI de la Ley de Derechos Civiles de 1964, Título IX de las Enmiendas de Educación de 1972, y la ley Americanos con Discapacidades. Los Estados Unidos proporcionan acceso a programas y ayuda financiera para personas que tienen discapacidades y califican sin embargo a recibir y participar en el colegio en modos diferentes por acomodaciones educacionales. Además, la ley estipula: No se permite la exclusión de cualquier persona quien tiene discapacidades de actividades del colegio solamente por razón de tener discapacidades. La ley prohíbe denegación de beneficios, discriminación y exclusión de participación en cualquier programa o actividad que recibe asistencia financiera del gobierno federal. Además, cuando agencias públicas proporcionan ayuda, beneficios, o servicios, las mismas agencias tienen la responsabilidad legal a proporcionar oportunidades a individuales con discapacidades en temas de participación en actividades que a lo menos son de la misma calidad a las ofrecidas a personas quienes no tienen discapacidades. Para más información, pónganse en contacto:

Coordinador de MCCD, Sección 504
Teléfono: (209) 384-6192

Pasos para someter una reclamación: obtenga una forma de Dr. Lovelace o su secretaria.

TSHOOJ CAI 504 NTAWM TXOJ CAI
REHABILITATION XYOO 1973

Tshooj cai 504 yog hais txog “Cai Muaj Feemcuam.” Nws qhib kev rau cov tub ntbaas kawm ntaaw kws muaj disabilities kom muaj feemcuam koom taw. Txoj ca iais tias: “Tsis pub tshem caij im leej neeg twg hauv teb chaws Amelia…vim kev disability, tawm ntaaw kwv muaj feemcuam, caij kev pab, lossis caij btxv btxha lub luag deejnum uas taw txais tseemfwv kev pab nyiaj bxiag.”

Thaum muab kev pab, kev bxhawb lossis kev qhia, tseemfwv cov koomhaum yuav taw muab kev vajhaum sib luag rau cov neeg muaj disabilities kom muaj feemcuam sib npaug zos li lwmm tus.

Tus Thawj Txuas Lus ntawm Tshooj Cai MCCD 504 yogXovtooj: (209) 384-6192
Chaw Nyob: Merced College; 3600 M Street; Merced, CA 95348

Nej tuaj muab tau cov bxheejbxheem 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, 50 Beale Street, Suite 7200 San Francisco, CA 94105-1813 Telephone: (415) 486-5555 Facsimile: (415) 486-5570 Email: OCR.SanFrancisco@ed.gov

El coordinador del Título IX del Colegio es el supervisor de Recursos Humanos y se puede llegar al (209) 384-6102. Las consultas relativas a la aplicación del Título IX, que prohíbe la discriminación sexual, puede ser referido al coordinador del Título IX, o en la Oficina de Derechos Civiles, U.S. Departamento de Educación, 50 Beale Street, Suite 7200 San Francisco, CA 94105-1813 Telephone: (415) 486-5555 Facsimile: (415) 486-5570
7. All final exams take place in their regularly scheduled class rooms.
8. For any conflicts, you may use Thursday, May 26, 2016 from 01:00p–08:50p, or Friday, May 27, 2016 from 05:00p–08:50p. However, the Vice President of Instruction must be notified to reserve available classrooms.
9. Saturday classes will have their final exam during normal class meetings on Saturday, May 21, 2016.

### Spring 2016 Finals Schedule

<table>
<thead>
<tr>
<th>Column A</th>
<th>Column B</th>
<th>Column C</th>
<th>Column D</th>
<th>Column E</th>
<th>Column F</th>
</tr>
</thead>
<tbody>
<tr>
<td>07:00a–08:50a</td>
<td>DAILY 07:00a–08:50a</td>
<td>MITWTh 07:00a–08:50a</td>
<td>Th only 07:00a–08:50a</td>
<td>MTWF 07:00a–08:50a</td>
<td>MTWF 07:00a–08:50a</td>
</tr>
<tr>
<td>08:00a–09:50a</td>
<td>DAILY 08:55a–09:50a</td>
<td>Th only 08:55a–09:50a</td>
<td>Th only 09:00a–10:50a</td>
<td>F only 09:05a–10:50a</td>
<td>MTWF 08:55a–09:50a</td>
</tr>
<tr>
<td>10:00a–11:50a</td>
<td>DAILY 10:55a–11:50a</td>
<td>MTWF 10:55a–11:50a</td>
<td>Th only 10:55a–12:50p</td>
<td>F only 10:55a–12:50p</td>
<td>MFTh 10:55a–12:50p</td>
</tr>
<tr>
<td>05:00p–06:50p</td>
<td>DAILY 08:55p–09:50p</td>
<td>MTWTh 08:55p–09:50p</td>
<td>Th only 08:55p–10:50a</td>
<td>F only 08:55p–10:50a</td>
<td>MTWF 08:55p–10:50a</td>
</tr>
</tbody>
</table>

**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 26, 2016 from 01:00p–08:50p, or Friday, May 27, 2016 from 05:00p–08:50p. However, the Vice President of Instruction must be notified to reserve available classrooms.
5. Saturday classes will have their final exam during normal class meetings on Saturday, May 21, 2016.
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.

<table>
<thead>
<tr>
<th>Class Meets</th>
<th>Starting Time Interval</th>
<th>Final Exam Date</th>
<th>Final Exam Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>DAILY</td>
<td>07:00a–07:50a</td>
<td>May 23, 2016 (M)</td>
<td>07:00a–08:50a</td>
</tr>
<tr>
<td>DAILY</td>
<td>07:55a–08:50a</td>
<td>May 25, 2016 (W)</td>
<td>08:00a–09:50a</td>
</tr>
<tr>
<td>DAILY</td>
<td>08:55a–09:50a</td>
<td>May 23, 2016 (M)</td>
<td>09:00a–10:50a</td>
</tr>
<tr>
<td>DAILY</td>
<td>09:55a–10:50a</td>
<td>May 25, 2016 (W)</td>
<td>10:00a–11:50a</td>
</tr>
<tr>
<td>DAILY</td>
<td>10:55a–11:50a</td>
<td>May 23, 2016 (M)</td>
<td>11:00a–12:50p</td>
</tr>
<tr>
<td>DAILY</td>
<td>11:55a–12:50p</td>
<td>May 25, 2016 (W)</td>
<td>12:00p–1:50p</td>
</tr>
<tr>
<td>DAILY</td>
<td>12:55p–01:50p</td>
<td>May 23, 2016 (M)</td>
<td>01:00p–02:50p</td>
</tr>
<tr>
<td>DAILY</td>
<td>01:50p–02:50p</td>
<td>May 25, 2016 (W)</td>
<td>02:00p–03:50p</td>
</tr>
<tr>
<td>DAILY</td>
<td>02:55p–03:50p</td>
<td>May 25, 2016 (W)</td>
<td>04:00p–05:50p</td>
</tr>
<tr>
<td>DAILY</td>
<td>03:55p–04:50p</td>
<td>May 23, 2016 (M)</td>
<td>03:00p–04:50p</td>
</tr>
<tr>
<td>MWF</td>
<td>07:00a–07:50a</td>
<td>May 23, 2016 (M)</td>
<td>07:00a–08:50a</td>
</tr>
<tr>
<td>MWF</td>
<td>07:55a–08:50a</td>
<td>May 25, 2016 (W)</td>
<td>08:00a–09:50a</td>
</tr>
<tr>
<td>MWF</td>
<td>08:55a–09:50a</td>
<td>May 23, 2016 (M)</td>
<td>09:00a–10:50a</td>
</tr>
<tr>
<td>MWF</td>
<td>09:55a–10:50a</td>
<td>May 25, 2016 (W)</td>
<td>10:00a–11:50a</td>
</tr>
<tr>
<td>MWF</td>
<td>10:55a–11:50a</td>
<td>May 23, 2016 (M)</td>
<td>11:00a–12:50p</td>
</tr>
<tr>
<td>MWF</td>
<td>11:55a–12:50p</td>
<td>May 25, 2016 (W)</td>
<td>12:00p–1:50p</td>
</tr>
<tr>
<td>MWF</td>
<td>12:55p–01:50p</td>
<td>May 23, 2016 (M)</td>
<td>01:00p–02:50p</td>
</tr>
<tr>
<td>MWF</td>
<td>01:50p–02:50p</td>
<td>May 25, 2016 (W)</td>
<td>02:00p–03:50p</td>
</tr>
<tr>
<td>MWF</td>
<td>02:55p–03:50p</td>
<td>May 25, 2016 (W)</td>
<td>04:00p–05:50p</td>
</tr>
<tr>
<td>MWF</td>
<td>03:55p–04:50p</td>
<td>May 23, 2016 (M)</td>
<td>03:00p–04:50p</td>
</tr>
<tr>
<td>MWF</td>
<td>04:55p–05:50p</td>
<td>May 23, 2016 (M)</td>
<td>05:00p–06:50p</td>
</tr>
<tr>
<td>MWF</td>
<td>05:55p or later</td>
<td>May 25, 2016 (W)</td>
<td>06:00p–07:50p</td>
</tr>
<tr>
<td>MWF</td>
<td>07:00a–07:50a</td>
<td>May 23, 2016 (M)</td>
<td>07:00a–08:50a</td>
</tr>
<tr>
<td>MWF</td>
<td>07:55a–08:50a</td>
<td>May 25, 2016 (W)</td>
<td>08:00a–09:50a</td>
</tr>
<tr>
<td>MWF</td>
<td>08:55a–09:50a</td>
<td>May 23, 2016 (M)</td>
<td>09:00a–10:50a</td>
</tr>
<tr>
<td>MWF</td>
<td>09:55a–10:50a</td>
<td>May 25, 2016 (W)</td>
<td>10:00a–11:50a</td>
</tr>
<tr>
<td>MWF</td>
<td>10:55a–11:50a</td>
<td>May 23, 2016 (M)</td>
<td>11:00a–12:50p</td>
</tr>
<tr>
<td>MWF</td>
<td>11:55a–12:50p</td>
<td>May 25, 2016 (W)</td>
<td>12:00p–1:50p</td>
</tr>
<tr>
<td>MWF</td>
<td>12:55p–01:50p</td>
<td>May 23, 2016 (M)</td>
<td>01:00p–02:50p</td>
</tr>
<tr>
<td>MWF</td>
<td>01:50p–02:50p</td>
<td>May 25, 2016 (W)</td>
<td>02:00p–03:50p</td>
</tr>
<tr>
<td>MWF</td>
<td>02:55p–03:50p</td>
<td>May 25, 2016 (W)</td>
<td>04:00p–05:50p</td>
</tr>
<tr>
<td>MWF</td>
<td>03:55p–04:50p</td>
<td>May 23, 2016 (M)</td>
<td>03:00p–04:50p</td>
</tr>
<tr>
<td>MWF</td>
<td>04:55p–05:50p</td>
<td>May 23, 2016 (M)</td>
<td>05:00p–06:50p</td>
</tr>
<tr>
<td>MWF</td>
<td>05:55p or later</td>
<td>May 25, 2016 (W)</td>
<td>06:00p–07:50p</td>
</tr>
<tr>
<td>MTW</td>
<td>08:00a–09:00a</td>
<td>May 23, 2016 (M)</td>
<td>09:00a–10:50a</td>
</tr>
<tr>
<td>MTW</td>
<td>09:00a–10:00a</td>
<td>May 23, 2016 (M)</td>
<td>9:00a–10:50a</td>
</tr>
<tr>
<td>MTW</td>
<td>07:00a–08:00a</td>
<td>May 26, 2016 (Th)</td>
<td>07:00a–08:50a</td>
</tr>
<tr>
<td>MTW</td>
<td>08:55a–10:40a</td>
<td>May 24, 2016 (T)</td>
<td>09:00a–10:50a</td>
</tr>
<tr>
<td>MTW</td>
<td>09:45a–12:05p</td>
<td>May 26, 2016 (Th)</td>
<td>09:00a–10:50a</td>
</tr>
<tr>
<td>MTW</td>
<td>10:12p–12:50p</td>
<td>May 26, 2016 (Th)</td>
<td>11:00a–12:50p</td>
</tr>
<tr>
<td>MTW</td>
<td>11:52p–02:30p</td>
<td>May 24, 2016 (T)</td>
<td>01:00p–02:50p</td>
</tr>
<tr>
<td>MTW</td>
<td>02:55p–04:50p</td>
<td>May 26, 2016 (Th)</td>
<td>03:00p–04:50p</td>
</tr>
<tr>
<td>MTW</td>
<td>03:45p–06:50p</td>
<td>May 26, 2016 (Th)</td>
<td>05:00p–06:50p</td>
</tr>
<tr>
<td>TTh</td>
<td>06:55p or later</td>
<td>May 24, 2016 (T)</td>
<td>07:00p–08:50p</td>
</tr>
<tr>
<td>Th only</td>
<td>07:00a–08:00a</td>
<td>May 26, 2016 (Th)</td>
<td>07:00p–08:50p</td>
</tr>
<tr>
<td>Th only</td>
<td>08:55a–10:50a</td>
<td>May 26, 2016 (Th)</td>
<td>09:00a–10:50a</td>
</tr>
<tr>
<td>Th only</td>
<td>10:55a–12:50p</td>
<td>May 26, 2016 (Th)</td>
<td>11:00a–12:50p</td>
</tr>
<tr>
<td>Th only</td>
<td>12:55p–02:50p</td>
<td>May 26, 2016 (Th)</td>
<td>01:00p–02:50p</td>
</tr>
<tr>
<td>Th only</td>
<td>02:55p–04:50p</td>
<td>May 26, 2016 (Th)</td>
<td>03:00p–04:50p</td>
</tr>
<tr>
<td>Th only</td>
<td>03:45p–06:50p</td>
<td>May 26, 2016 (Th)</td>
<td>05:00p–06:50p</td>
</tr>
<tr>
<td>Th only</td>
<td>06:55p or later</td>
<td>May 26, 2016 (Th)</td>
<td>07:00p–08:50p</td>
</tr>
<tr>
<td>CONFLICTS</td>
<td>May 26, 2016 (Th)</td>
<td>01:00p–02:50p</td>
<td></td>
</tr>
<tr>
<td>CONFLICTS</td>
<td>May 26, 2016 (Th)</td>
<td>03:00p–04:50p</td>
<td></td>
</tr>
<tr>
<td>CONFLICTS</td>
<td>May 26, 2016 (Th)</td>
<td>05:00p–06:50p</td>
<td></td>
</tr>
<tr>
<td>CONFLICTS</td>
<td>May 27, 2016 (F)</td>
<td>06:00p–07:50p</td>
<td></td>
</tr>
<tr>
<td>CONFLICTS</td>
<td>May 27, 2016 (F)</td>
<td>08:00p–09:50p</td>
<td></td>
</tr>
<tr>
<td>TIME</td>
<td>MONDAY</td>
<td>TUESDAY</td>
<td>WEDNESDAY</td>
</tr>
<tr>
<td>------</td>
<td>--------</td>
<td>---------</td>
<td>-----------</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SECTION</th>
<th>COURSE NO.</th>
<th>COURSE NAME</th>
<th>INSTRUCTOR</th>
<th>ROOM</th>
<th>UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>