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## REGISTRATION INFORMATION

### REGISTRATION GUIDE

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

<table>
<thead>
<tr>
<th>The Steps</th>
<th>Recommended way to complete step</th>
<th>Other ways to complete step</th>
<th>Who needs to complete this step</th>
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</thead>
<tbody>
<tr>
<td>1) New and Returning Students</td>
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<tr>
<td>A) Application</td>
<td>At <a href="http://www.mccd.edu">www.mccd.edu</a> click on Welcome Students Get Started Here. Next, click on Apply Today. Click on Apply Online and choose your student type.</td>
<td>You can go to the Welcome Center in the Lesher Building, Room 102 (lower level) for assistance with the application. Los Banos Students: Welcome Center, Building A</td>
<td>New &amp; Returning students</td>
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</table>
| B) Placement Questionnaire                     | 1. Find your high school transcript (Recommended for more accurate placement).  
2. Log into the Merced College Portal using your username and password, go to WebAdvisor for students, then Academic Profile, then Placement Questionnaire (PQ).  
3. Open the Placement Questionnaire (PQ)  
4. Answer the questions to the Placement Questionnaire  
5. Check your responses for accuracy (Responses to the Placement Questionnaire will be randomly verified using official transcripts.)  
6. Submit your responses at the end of the Placement Questionnaire by checking the confirmation box and selecting on the "Submit" button. | You can go to the Welcome Center in the Lesher Building, Room 102 (lower level) for assistance with the Placement Questionnaire. Please bring your high school transcript (either official or unofficial) to answer the questions. View the contact page for Welcome Center office hours. For more information visit our Placement Questionnaire Frequently Asked Questions section, (http://www.mccd.edu/getstarted/placement-faq.html). Los Banos Students: Welcome Center, Building A | New & Returning students                        |
| C) Orientation                                 | Complete online orientation at www.mccd.edu. To access the orientation click on Welcome Students Get Started Here and then click on Apply Today. Complete step 2. | You may also complete orientation on campus during the Open Lab session. | New & Returning students                        |
| D) Set up MC4me Student portal account          | At www.mccd.edu, click on Welcome Students Get Started Here and then click on Apply Today. Complete step 2. There will be link with instructions to set up you MC4me Student Portal. | You may set up your student portal account when you come to campus for an Open Lab Session. | New & Returning students                        |
| E) Obtain ID card                               | 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). |                                                                                             | New & Returning students who do not have a yellow Merced College ID card |
| F) New Student Planning Session                 | At www.mccd.edu click on Welcome New Students Get Started Here and then click on Apply Today. Next, select step 4. | Call Merced College at (209) 384-6000-select option 8. Call Los Banos at (209) 826-3495 or (209) 381-6411. | New & Returning students                        |
| 2) Register for Classes                        | 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 www.mccd.edu. Click on New and Returning Students and scroll to step 4 for the links. | You can go to the Welcome Center in the Lesher Building, Room 102 (lower level) for assistance. Los Banos Campus: Building A Student Services window. | All students                                      |
| 3) Pay Fees                                     | Online through your MC4me student portal account at www.mccd.edu/makeapayment | In person at the Lesher Student Services Center, Student Fees Office, 3rd floor or the Los Banos Campus, Student Fees window, Building A | All registered students                         |
CONTINUING STUDENTS
The date you may begin Spring 2020 registration depends upon the registration group you are assigned (the registration group dates may be found below). Students will be notified of their registration group through Merced College student e-mail. If you did not receive an e-mail notification or disagree with the registration group assigned to you, please come to the Admissions & Records office.

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

NEW AND FORMER STUDENTS
New and former students must complete the Steps to Registration prior to any enrollment at Merced College. These steps include application, orientation, placement questionnaire, and a counselor appointment to begin educational planning. To see information about the steps to Registration, go to http://www.mccd.edu/getstarted/apply.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 steps to Registration 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.

PLACEMENT PROCESS
To help ensure students take the right English and math courses, Merced College uses a Placement Questionnaire (PQ) for course placement in English and Math. Most students will immediately receive placement results based on their answers to the Placement Questionnaire. The questions you will answer pertain to high school GPA, English and math courses taken in high school, and grades in those courses.

We use your high school GPA, the English and math courses you took in high school and the grades earned in those courses to determine your placement. Our math and English faculty have developed specific math and English parameters to ensure that you are placed into courses where you will be successful.

We recommend you refer to your high school transcript to answer the questions accurately. You can only submit the Placement Questionnaire once.

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.
ENGLISH COURSE PLACEMENT

EFFECTIVE FALL 2019

After completing the placement questionnaire at Merced College, you should have received either placement in an English course or instructions to meet with a counselor to get your placement in an English course. Please use this chart to better understand your placement and course options.

COURSE GUIDE

ENGL 01A

Online, Hybrid, or Face to Face
Self-Reported HS GPA of 2.6 or higher

This is a 4 unit, freshman reading and composition course. Students place into this course through the GPA reporting process and multiple measures assessment, or by passing ENGL 95S, ENGL 85 AC, or ESL 85E.

ENGL 01A + ENGL 95S

Hybrid or Face to Face
Self-Reported HS GPA below 2.6

This is a linked pair of courses for students who need extra support to be successful in English 01A, college level reading and composition. Students will be enrolled in a section of ENGL 01A (4 units) that is hard linked to a section of ENGL 95S (2 units) with the same instructor and cohort of students. Students place into this class by reporting a high school GPA below 2.6 in the placement questionnaire.

ESL 84E or ESL 85E

Face to Face

ESL 84E → ESL 85E → ENGL 01A

ESL 84E and ESL 85E are 5 unit, nontransferable courses designed for students whose primary language is not English. These courses help students develop the necessary academic reading and writing skills to succeed in English 01A and other transfer-level courses. These courses focus primarily on writing paragraphs and essays, and reading academic texts. All non-native English speakers should speak with a counselor to discuss placement options or self-place using the ESL self-assessment. A noncredit ESL pathway is also available.

ENGL 85 AC

Face to Face

ENGL 85 AC → ENGL 01A

This is a 5 unit, nontransferable course for students who feel underprepared for English 01A or English 01A with English 95S. Students must self-place into this class and sign a placement waiver.

Last updated 25 March 2019
MATHEMATICS SEQUENCE 2019-2020

Degree applicable courses
Transferable
Meets the Math Competency requirements

Basic skills courses support courses
Non-Transferable, Non Degree applicable

Non Degree applicable basic skills courses
Non Transferable
Does not meet the Math Competency requirements

Degree applicable courses
Non Transferable
Meets the Math Competency requirements

STEM PATHWAY

MATH-06
MATH-4C
MATH-4B
MATH-07
MATH-4A
MATH-02
MATH 95P

STATISTICS PATHWAY

MATH-10
MATH-10
MATH-95S

NON STEM PATHWAY

MATH-15
MATH-20A
MATH-20B
MATH-26

MATH-88

MATH-62

MATH-61
MATH-C

MATH-60

MATH-02
MATH-48
All students are required to complete 5 easy steps to be eligible for a priority registration group assignment. To see information about the steps to registration go to http://www.mccd.edu/getstarted/apply.html. Students who have not completed the required registration steps may register for classes, but will have to wait for the open enrollment period which is the last registration window to open (Group 5).

### REGISTRATION GROUP DATES

| GROUP 1 | Registration begins | Wednesday October 9, 2019 | Students who are qualifying Foster Youth or former Foster Youth\(^1\), or Homeless Youth\(^2\) at Merced College  
OR  
Students who are qualifying Veterans, or students who are receiving services from EOPS, DSPS, CalWORKs or Tribal TANF and who:  
- have completed orientation, assessment, and developed a student education plan (abbreviated education plan if less than 15 units completed and comprehensive education plan if 15 units or more completed) at Merced College  
- have completed less than 100 degree applicable units at Merced College  
- do not have 2 or more continuous semesters of probation at Merced College immediately prior to semester enrolling |
| GROUP 2A | Registration begins | Monday October 14, 2019 | Athletes, International Students, students with a 3.5 GPA or better and all continuing students who have completed or are in-progress of completing 30 – 75 units at Merced College prior to semester enrolling and who:  
- have completed orientation, assessment, and developed a student comprehensive education plan at Merced College  
- have completed less than 100 degree applicable units at Merced College  
- do not have 2 or more continuous semesters of probation at Merced College immediately prior to semester enrolling |
| GROUP 2B | Registration begins | Wednesday October 16, 2019 | New students, including graduating high school seniors, who:  
- have completed orientation, assessment and developed a student education plan (abbreviated education plan if less than 15 units completed and comprehensive education plan if 15 units or more completed) at Merced College |
| GROUP 2C | Registration begins | Monday October 21, 2019 | Returning students and all other continuing students at Merced College prior to semester enrolling and who:  
- have completed orientation, assessment, and developed a student education plan (abbreviated education plan if less than 15 units completed and comprehensive education plan if 15 units or more completed) at Merced College  
- have completed less than 100 degree applicable units at Merced College  
- do not have 2 or more continuous semesters of probation at Merced College immediately prior to semester enrolling |
| Open Registration | Registration begins | Wednesday October 23, 2019 | All other students (i.e. Special Admit K-12 students, students who have completed 100 or more degree applicable units, academic enrichment, students not completing orientation, assessment and/or education plans, etc.) |

\(^1\) For purposes of this section, “foster youth” means a person who is currently in foster care, and “former foster youth” means a person who is an emancipated foster youth and who is up to 24 years of age. ii. Homeless youth means a student who has been verified at any time during the 24 months immediately preceding the receipt of his or her application for admission by a postsecondary educational institution.

The Disabled Students Program & Services (DSPS) provide reasonable accommodations that meet the individual needs of students with a verified disability, which limits one or more major life activities, resulting in an educational limitation (CCR, Title 5, Division 6, Chapter 7, Subchapter 1, Section 56002). In addition, DSPS assists the college in providing equal access to educational opportunities for students with disabilities and meet the requirements of federal and State non-discrimination laws, including Sections 504 and 508 of the federal Rehabilitation Act, the Americans with Disability Act (ADA), The Americans with Disabilities Amendment Act (ADAA), and State Government Code Sections 11135-11139.2. Support services and accommodations include, but are not limited to, priority registration, scheduling assistance, academic and vocational counseling, learning disability assessment, sign language interpreters, test-taking accommodations, assistive technology, and alternate media. Students are encouraged to visit our DSPS office located in the Lesher Student Services Building, 2nd floor, office #234 at the Merced Campus, Student Services Building A at the Los Banos Campus or visit the website. Merced Office: (209) 384-6155, TDD: (209) 384-6311 Los Banos Office: (209) 381-6423
Enrollment fees are due at the time of registration. Payments can be made online through the Merced College student portal at www.mccd.edu/makeapayment or in person at the campus Student Fees office. The Student Fees office is located on the 3rd floor of the Lesher Student Services Center in Merced and at the Fees Counter at Los Banos Campus Building A. Before registering, students who owe money must pay in full or have a payment plan in place. If you owe money or need a payment plan, please contact the Student Fees office in person or by telephone at (209) 384-6219 or (209) 384-6212.

**Fees are subject to change.**

<table>
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<tr>
<th>Fee</th>
<th>Cost</th>
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<tr>
<td>Enrollment Fee</td>
<td>$46 per unit</td>
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<tr>
<td>Health Fee*</td>
<td>$21.00</td>
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<tr>
<td>Parking Fee</td>
<td>auto $20.00; or $1.00 per day</td>
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<tr>
<td>Student Rep Fee**</td>
<td>$1.00</td>
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<td>Student Body Fee***</td>
<td>$5.00</td>
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Non-Resident Tuition $261 per unit, plus enrollment fee

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

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

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

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

**MC4FREE**

**Full Time + First Time = Free**

Merced College offers first time students who enroll in at least 12 units free tuition for two years.

**Who is eligible?**
- California residents or students who are eligible for AB540 or AB2000.
- Complete the FAFSA or CADAA application.
- Enroll in 12 or more units.

**Next Steps**
- Apply for Merced College.
- Complete the FAFSA or CADAA application.
- Enroll in at least 12 units at Merced College.
- Complete 12 units each semester to continue having your tuition paid for 2 years.
- Complete the MC4FREE Commitment Contract.

If you want to check your eligibility, stop by the Financial Aid Office and speak with a Financial Aid Advisor.
SPRING 2020 BUSINESS HOURS

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

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

Regular Hours:
Monday - Friday 08:00am-04:30pm

Late Nights: 8:00 am - 7:00 pm
January 8, 13-16, 22
April 22, 29
May 6, 13, 20, 27

MERCE COLLEGE STUDENT FEES

MERCED CAMPUS
Hours are subject to change

Regular Hours:
Monday - Friday 08:00am-04:00pm

Late Nights: 8:00 am - 6:30 pm
January 8, 13-16, 22
April 22, 29
May 6, 13, 20, 27

LOS BANOS CAMPUS
Hours are subject to change

Regular Hours:
Monday - Thursday 10:00am-12:30pm

ACADEMIC SUPPORT SERVICES

Merced Campus, Student Success and Tutorial Center (SSTC)
Student Success and Tutorial Center Building, Room 1 (former Communication Building)
One-Stop-Shop
Monday-Thursday 8 am to 6 pm
Friday 8 am - 2 pm

The center offers peer walk-in tutoring, pre-scheduled tutoring appointments, online tutoring, faculty support, one-on-one instruction, and math skills acquisition. The Center is also equipped with computers, printers, Wi-Fi and charging outlets.

Study Central
Merced Campus, Student Union Building, Room 141
Monday-Friday 9 am - 2 pm

The center provides peer walk-in tutoring and faculty support across disciplines. The Center is also equipped with computers, printers, and Wi-Fi. Study Central also offers free, drop-in workshops on topics that support student success.

*All academic support services are free to MC students
**Institution:** MERCED COLLEGE  
**Contact:** 209.384.6000

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### SPRING 2020 CALENDAR and IMPORTANT DATES

#### JANUARY 2020

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**NEW YEARS DAY, JAN 1**  
**SPRING FLEX DAYS, JAN 9-10**  
**SPRING 2020 SEMESTER BEGINS, JAN 13**  
**MLK DAY, JAN 20**

#### APRIL 2020

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**GOOD FRIDAY, APRIL 10**  
**NO SATURDAY CLASSES, APRIL 11**  
**SPRING BREAK WEEK APRIL 13-17**

#### FEBRUARY 2020

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**CENSUS DAY, FEB 3**  
**LINCOLN’S DAY, FEB 14**  
**NO SATURDAY CLASSES, FEB 15**  
**WASHINGTON’S DAY, FEB 17**

#### MARCH 2020

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**MID-SESSION BEGINS, MARCH 16**

#### MAY 2020

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**FINALS, MAY 18-22**  
**END OF SEMESTER, MAY 22**  
**GRADUATION, MAY 22**  
**MEMORIAL DAY, MAY 25**  
**SUMMER 2020 SESSION (4 WEEK) MAY 26-JUNE 18**  
**CENSUS DAY 4-WEEK, MAY 28**

#### JUNE 2020

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</tbody>
</table>

**SUMMER 2020 SESSION (6-WEEK) JUNE 22-JULY 30**  
**SUMMER 2020 SESSION (7-WEEK) JUNE 22-AUG. 6**  
**CENSUS DAY (6-WEEK SESSION), JUNE 29**  
**CENSUS DAY (7-WEEK SESSION) JUNE 29**

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**SPRING 2020**

- **SPRING 2020 Semester registration begins** .................................................. October 9, 2019
- **SPRING 2020 SEMESTER INSTRUCTION BEGINS** ......................................... January 13, 2020
- **Adds require instructor’s signature (for 18 week classes)** .............................. January 13, 2020
- **Refund deadline for 18 week classes** ............................................................. January 26, 2020

**For all other classes, you must drop the day before 10% of the class meetings**
- **Graduation and Certificate of Completion applications accepted** .................. January 27 - March 20, 2020
- **Last chance to drop with no entry on transcripts for 18 week classes in person** January 31, 2020
- **OR online................................................................................................................. February 2, 2020**

**For all other classes, you must drop the day before 20% of the class meetings**
- **Instructional Dean’s signature required on adds if effective date is after 3rd week** February 3, 2020
- **Pass/No Pass Option deadline.................................................................................. February 14, 2020**
- **SPRING 2020 Mid-Session begins........................................................................ March 16, 2020**

**Adds require instructor’s signature beginning first day of the term**
- **Scholarship Application Deadline............................................................................ March 27,2020**
- **Last chance to drop with a “W” for 18 week classes in person** .......................... April 24, 2020
- **OR online................................................................................................................ April 26, 2020**

**Final Exams............................................................................................................ May 18-22, 2020**
- **End of SPRING 2020 Semester............................................................................. May 22, 2020**
- **Memorial Day - campus closed............................................................................. May 25, 2020**

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Calendar dates are subject to revision.
1. **INSTRUCTIONS:**
2. 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.
3. All exams must be proctored by a certified instructor.
4. All final exams take place in their regularly scheduled classrooms.
5. For any conflicts, you may use Thursday, May 21, 2020 from 01:00p–08:50p, or Friday, May 22, 2020 from 05:00p–08:50p. However, the Vice President of Instruction must be notified to reserve available classrooms.
6. Saturday classes will have their final exam during normal class meetings on Saturday, May 16, 2020.
7. Lab finals will be given the previous week during the regular lab period.

### Spring 2020 Finals Schedule

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Monday May 18, 2020</strong>&lt;br&gt;07:00a–08:50a</td>
<td>MWF 07:00a–07:50a &lt;br&gt;MW 07:00a–07:50a &lt;br&gt;M only 07:00a–08:50a</td>
<td>MTWTh 07:00a–07:50a &lt;br&gt;T only 07:00a–08:50a</td>
<td>TTh</td>
<td>MTW</td>
<td>F only</td>
</tr>
<tr>
<td><strong>08:00a–09:50a</strong></td>
<td>MWF 08:55a–09:50a &lt;br&gt;MW 08:55a–09:50a &lt;br&gt;M only 08:55a–10:50a</td>
<td>TTh 09:00a–10:50a &lt;br&gt;T only 09:00a–10:50a</td>
<td>Th only</td>
<td>Mt</td>
<td>F only</td>
</tr>
<tr>
<td><strong>09:00a–10:50a</strong></td>
<td>MW 09:55a–10:50a &lt;br&gt;MWThF 09:55a–10:50a</td>
<td>TTh 10:55a–12:50p &lt;br&gt;T only 10:55a–12:50p</td>
<td>Th only</td>
<td>Mt</td>
<td>F only</td>
</tr>
<tr>
<td><strong>10:00a–11:50a</strong></td>
<td>MWF 10:55a–11:50a</td>
<td>TTh 12:55p–02:50p &lt;br&gt;T only 12:55p–02:50p</td>
<td>Th only</td>
<td>MtW</td>
<td>F only</td>
</tr>
<tr>
<td><strong>11:00a–12:50p</strong></td>
<td>MTWTh 10:55a–11:50a &lt;br&gt;MThF 10:55a–11:50a</td>
<td>Mt</td>
<td>12:55p–02:50p &lt;br&gt;M only 12:55p–02:50p</td>
<td>Th only</td>
<td>Mt</td>
</tr>
<tr>
<td><strong>12:00p–01:50p</strong></td>
<td>MW 12:55p–01:50p &lt;br&gt;MWThF 12:55p–01:50p</td>
<td>Mt</td>
<td>12:55p–02:50p &lt;br&gt;M only 12:55p–02:50p</td>
<td>Th only</td>
<td>Mt</td>
</tr>
<tr>
<td><strong>01:00p–02:50p</strong></td>
<td>MTWTh 12:55p–01:50p</td>
<td>Mt</td>
<td>12:55p–02:50p &lt;br&gt;M only 12:55p–02:50p</td>
<td>Th only</td>
<td>Mt</td>
</tr>
<tr>
<td><strong>02:00p–03:50p</strong></td>
<td>MW 13:55p–02:50p &lt;br&gt;MThF 13:55p–02:50p</td>
<td>Mt</td>
<td>13:55p–02:50p &lt;br&gt;M only 13:55p–02:50p</td>
<td>Th only</td>
<td>Mt</td>
</tr>
<tr>
<td><strong>03:00p–04:50p</strong></td>
<td>MTWTh 13:55p–02:50p</td>
<td>Mt</td>
<td>13:55p–02:50p &lt;br&gt;M only 13:55p–02:50p</td>
<td>Th only</td>
<td>Mt</td>
</tr>
<tr>
<td><strong>04:00p–05:50p</strong></td>
<td>MW 14:55p–03:50p &lt;br&gt;MWThF 14:55p–03:50p</td>
<td>Mt</td>
<td>14:55p–03:50p &lt;br&gt;M only 14:55p–03:50p</td>
<td>Th only</td>
<td>Mt</td>
</tr>
<tr>
<td><strong>05:00p–06:50p</strong></td>
<td>MWTh 14:55p–03:50p &lt;br&gt;MWThF 14:55p–03:50p</td>
<td>Mt</td>
<td>14:55p–03:50p &lt;br&gt;M only 14:55p–03:50p</td>
<td>Th only</td>
<td>Mt</td>
</tr>
<tr>
<td><strong>06:00p–07:50p</strong></td>
<td>MTWTh 15:55p–04:50p &lt;br&gt;MWThF 15:55p–04:50p</td>
<td>Mt</td>
<td>15:55p–04:50p &lt;br&gt;M only 15:55p–04:50p</td>
<td>Th only</td>
<td>Mt</td>
</tr>
<tr>
<td><strong>07:00p–08:50p</strong></td>
<td>MTWTh 16:55p–05:50p &lt;br&gt;MWThF 16:55p–05:50p</td>
<td>Mt</td>
<td>16:55p–05:50p &lt;br&gt;M only 16:55p–05:50p</td>
<td>Th only</td>
<td>Mt</td>
</tr>
</tbody>
</table>
This page shows the finals schedule in a spreadsheet format.

Instructions:
1. If the starting time (column B) of your class falls within the stated time interval, refer to column D for the time to give your exam.
SPRING 2020
HOW TO READ THIS SCHEDULE

Subject Heading
Course Number And Title ACTG-31 COMPUTERIZED ACCOUNTING
Student Units and Class Hours 2 units: 1 hour lecture, 3 hours lab.
Prerequisites/Corequisites Prerequisite: ACTG-04A or ACTG-51. Advisories: CPSC-30; ENGL-85.
Course Description This course provides instruction in computer-assisted accounting. Topics include general ledger setup, accounts receivable setup, accounts payable setup, transactions and reports, financial statement analysis, depreciation, and payroll.
Campus Location MERCED
Special Instructions
1986 MWF 09:00a-09:50a Wesson O IAC-124
Section 1986 will require field trips.

BUILDING ABBREVIATIONS

<table>
<thead>
<tr>
<th>Merced Campus</th>
<th>Off Campus Sites</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG-Agriculture</td>
<td>BRC-Business Resource Center</td>
</tr>
<tr>
<td>AHC-Allied Health Complex</td>
<td>CCWF-Central California Women’s Facility</td>
</tr>
<tr>
<td>ART-Art Building</td>
<td>DELH-Delhi</td>
</tr>
<tr>
<td>COM-Communications</td>
<td>DPHS-Dos Palos High School</td>
</tr>
<tr>
<td>GYM-Gymnasium</td>
<td>LBHS-Los Banos High School</td>
</tr>
<tr>
<td>IAC-Interdisciplinary Academic</td>
<td>MARI-Marioposa</td>
</tr>
<tr>
<td>IT-Industrial Technology</td>
<td>PACHS-Pacheco High School</td>
</tr>
<tr>
<td>LESH-Lesher Building</td>
<td>VSP-Valley State Prison</td>
</tr>
<tr>
<td>MUS-Music</td>
<td>OFML-KINGS - Kingsview Merced</td>
</tr>
<tr>
<td>MA-Mech Ag</td>
<td>OFML-ACHMB - Atwater Chamber of Commerce</td>
</tr>
<tr>
<td>PS-Plant Science</td>
<td>OFML-CHOW - Chowchilla</td>
</tr>
<tr>
<td>SCI-Science</td>
<td>OFML-DLUSD - Delhi Unified School District</td>
</tr>
<tr>
<td>STAGE-Theatre</td>
<td>OFML-SMEAD - Sierra Meadows</td>
</tr>
<tr>
<td>SU-Student Union</td>
<td>OFML-HILM - Hilmar</td>
</tr>
<tr>
<td>TCC-Tri-College Center</td>
<td>OFML-WCC - Winton Community Center</td>
</tr>
<tr>
<td>THTR-Theatre</td>
<td>OFML-WIN - Winton</td>
</tr>
<tr>
<td>VOC-Vocational</td>
<td>OFML-CC - Catholic Charities Merced</td>
</tr>
<tr>
<td>Los Banos Campus</td>
<td>OFML-PM - Park Merced</td>
</tr>
<tr>
<td>LB-A-Los Banos, Bldg A</td>
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<tr>
<td>LB-B-Los Banos, Bldg B</td>
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</tbody>
</table>

Session Minutes
Number of 10 minute breaks
50-105 0
110-165 1
170-225 2
230-285 3
290-345 4
350-360 5

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

SEASON NUMBER SMART CODING
1xxx = Merced day class
2xxx = Online/Hybrid class
4xxx = Los Banos day class
5xxx = Noncredit 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 2020 Classes

Accounting (ACTG)

ACTG-04A  Financial Accounting
4.0 units: 4.0 hours lec.
This course provides the student with the knowledge of corporate financial statement reporting and the ability to analyze the reports of a corporation. Basic topics include analysis of transactions and preparation of financial statements related to developing an understanding of the financial condition of a corporation. This accounting course is recommended for students who have knowledge of or equivalent experience in the basics of bookkeeping.

Merced Campus
1037 TTh 10:00a-11:50a Stapleton, I VOC-143
Comments: Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.
1804 MW 12:00p-01:50p Stapleton, I VOC-37
Comments: Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.
6015 M 05:30p-09:20p Stapleton, I AHC-128
Comments: Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

ACTG-04B  Managerial Accounting
4.0 units: 4.0 hours lec.
Prerequisite: Take ACTG-04A or ACTG-51 Minimum grade C,P;
This course provides students with instruction in managerial accounting. Topics include job-order and process costing, cost-volume-profit relationships, the contribution approach to costing, budgeting, standard costing, capital budgeting and investment decisions, and relevant costs for decision making.

Merced Campus
1822 MW 02:00p-03:50p Vilhauer, C VOC-141
Comments: Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.
1870 TTh 10:00a-11:50a Vilhauer, C VOC-141
Comments: Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.
6301 T 05:30p-09:20p Vilhauer, C VOC-8
Comments: Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

Los Banos Campus
4000 TTh 10:00a-11:50a Snipes, R LB-B-110
Comments: Section 4000 requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.

ACTG-51  Applied Accounting
4.0 units: 4.0 hours lec.
This course is an entry-level Accounting course emphasizing a preparer approach using manual accounting methods and comparing them to current computerized accounting. Basic course work during the first half of the semester relates to the sole proprietorship type organization. During the second half of the course the emphasis changes to cover the basics of partnership and corporate accounting. Students will become acquainted with both the theory and terminology associated with the accounting cycle. Other topics in accounting will also be covered including Payroll, Cash, Inventory, Bad Debts and Depreciation. Advisory: MATH-80

Merced Campus
1033 TTh 12:00p-01:50p Stapleton, I AHC-124
Comments: Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

ACTG-52: Payroll Records and Accounting
3.0 units 4.0 hours lec.
One-way Corequisite: ACTG 04A or ACTG 51.
Advisories: ENGL 85AC; MATH 80; MATH 95S
This course covers payroll tax laws, computation of payroll taxes, completion of payroll tax forms, and the recording of payroll transactions in the journal. Emphasis is placed on computing gross wages, calculating withholding amounts (such as Social Security, Medicare, income taxes (federal & state), and unemployment taxes); determining net pay; preparing appropriate tax forms with reporting requirements; and journalizing/posting payroll transactions. Upon completion, students should be able to analyze data, make appropriate calculations, complete payroll tax forms, and prepare accounting entries.

Los Banos
4004 TTh 12:00p-01:15p Snipes, R LB-B-110

ACTG-53  Fundamentals of Income Tax Accounting
3.0 units: 3.0 hours lec.
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.

Merced Campus
6002 M 05:30p-08:20p Vilhauer, C VOC-141
Comments: Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

Administrative Office Mgmt (AOM)

AOM-30  Introduction to Computer Applications
3.0 units: 36.0 hours lec., 54.0 hours lab.
This course is intended for students seeking an introduction to application software used in the workplace with emphasis on business situations. Computer applications including word processing, spreadsheets, databases, and presentation managers will be covered.

Online
2301 Greenwood, M Online Comments: CONTACT: michelle.greenwood@mccd.edu for course-specific questions.
2371 Garcia Martinez, J Online Comments: CONTACT: juan.garcia955@mccd.edu for course-specific questions.

Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
AOM-43 (Essentials of Business Communication)  
3.0 units: 3.0 hours lec.  
This course covers the business writing patterns of routine, persuasive, and negative messages. Students learn the basic training in listening, speaking, and non-verbal communication in order to develop the skills needed in everyday business communication. Given a scenario, students create e-mail, memos, letters, proposals, reports, and an ePortfolio. Students also learn about doing business with other cultures and giving oral business presentations.

Merced Campus  
9081 MTWTh 09:00a-11:25a Pirtle, T VOC-115  
Comments: Section 9081 is held 03/30/20 to 05/07/20. Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

9083 MTWTh 09:00a-11:25a Pirtle, T VOC-115  
Comments: Section 9083 is held 03/30/20 to 05/07/20. This is a Learning Community with AOM-30-9082, AOM-43-9083, AOM-50B-9084, AOM-50C-9086, AOM-52C-9087, AOM-56-9088, AOM-58A-9157, and VIRT-51-9089. Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

AOM-50B (Document Formatting)  
3.0 units: 36.0 hours lec,  
54.0 hours lab. Students will develop keyboarding techniques and gain fundamental knowledge of word processing software in order to properly format memorandums, letters, envelopes, tables, and reports.

Merced Campus  
6009 TTh 05:30p-06:30p Downing, S VOC-115  
TTh 06:30p-07:45p Downing, S VOC-115  
Comments: Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

9084 MTWTh 12:00p-01:00p Garcia Martinez, J VOC-115  
MTWTh 01:10p-02:35p Garcia Martinez, J VOC-115  
Comments: Section 9084 is held 03/16/20 to 05/13/20. This is a Learning Community with AOM-30-9082, AOM-43-9083, AOM-50B-9084, AOM-50C-9086, AOM-52C-9087, AOM-56-9088, AOM-58A-9157, and VIRT-51-9089. Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

AOM-50C (Learn to Type)  
1.0 units: 1.0 hours lec.  
This course provides an introduction to the keyboard for non-typists.

Merced Campus  
9085 TTh 08:00a-08:50a Blackmore, C VOC-114  
Comments: Section 9085 is held 01/13/20 to 03/13/20. Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

9086 MTWTh 08:00a-08:50a Garcia Martinez, J VOC-115  
Comments: Section 9086 is held 01/13/20 to 02/06/20. This is a Learning Community with AOM-30-9082, AOM-43-9083, AOM-50B-9084, AOM-50C-9086, AOM-52C-9087, AOM-56-9088, AOM-58A-9157, and VIRT-51-9089. Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

AOM-52C (Keyboarding Speed & Accuracy)  
1.0 units: 1.0 hours lec.  
This course is designed to increase keyboarding speed and accuracy through individualized evaluation. The course helps bridge the speed gap between each level of keyboarding instruction. It is designed for the student who wishes to gain keyboarding speed and accuracy. Advisory: AOM-50C.

Merced Campus  
9087 MTWTh 08:00a-08:50a Garcia Martinez, J VOC-115  
Comments: Section 9087 is held 02/10/20 to 03/09/20. This is a Learning Community with AOM-30-9082, AOM-43-9083, AOM-50B-9084, AOM-50C-9086, AOM-52C-9087, AOM-56-9088, AOM-58A-9157, and VIRT-51-9089. Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

9139 TTh 08:00a-08:50a Blackmore, C VOC-114  
Comments: Section 9139 is held 03/16/20 to 05/22/20. Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

AOM-53 (Advanced Computer Applications)  
3.0 units: 2.0 hours lec,  
3.0 hours lab. Prerequisite: Take AOM-30 or CPSC-30; Minimum grade C,P;  
The student will learn the advanced features of word processor, spreadsheet, database, and presentation applications. Typically, the most current version of Microsoft Office is taught. Students are advised to check with the discipline faculty for software version information. A prerequisite challenge is encouraged from students who can provide evidence of competency of current introductory software skills in Microsoft Word, Excel, Access, and PowerPoint.

Online  
2310 Blackmore, C Online  
Comments: CONTACT: For course-specific questions contact the professor of the class cynthia.blackmore@mccd.edu.

ORIENTATION: MANDATORY - Tuesday, January 14, 2020; 03:30p-04:20p; LRC-156 (Learning Resource Center; 1st floor)  
COMMENTS: Remaining hours to be held online.

AOM-56 (Office Procedures)  
3.0 units: 3.0 hours lec.  
Advisories: ENGL-81. Students will learn the skills, strategies, and techniques needed to perform the common office procedures within any form of business.

Merced Campus
### AGBS-17 (Agricultural Sales & Communication)
3.0 units: 3.0 hours lec.
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. Additional topics for exploration include self-management, communication, interpersonal skills necessary to developing managerial abilities, leadership qualities, and facilitation of teamwork within the agribusiness sector.

**Merced Campus**
1082 MWF 09:00a-09:50a Donaher, K AG-11 Comments: Web Component which will require you to have internet access.

### AGBS-18 (Agricultural Computer Applications)
3.0 units: 2.0 hours lec.
3.0 hours lab. 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. Also included will be accessing information through the Internet and World Wide Web, telecommunications, an introduction to web page design, and other software appropriate to agribusiness.

**Merced Campus**
1004 TTh 10:30a-12:45p Donaher, K VOC-114 Comments: Web Component which will require you to have internet access.
1579 TTh 01:00p-03:15p Donaher, K VOC-114 Comments: Web Component which will require you to have internet access.

### AGBS-30C (Agriculture Leadership - Team Leadership)
2.0 units: 2.0 hours lec.
Principles and practices in planning, developing, conducting, and evaluating leadership programs for agricultural groups. The course focuses on helping students better understand themselves and others; improving group communication; becoming effective leaders and members of groups; improving leadership and personal development skills; assessing leadership situations, determining and administering appropriate leadership strategies, and evaluating results.

**Merced Campus**
1024 M 03:15p-05:05p Donaher, K AG-11 Comments: Web Component which will require you to have internet access.

### Agriculture (AGRI)

#### AGRI-10 Agriculture, Environment, & Society
3.0 units: 3.0 hours lec.
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. Emphasis will be placed on the analysis of agriculture’s use of technology and the corresponding impact on the environment, economy, and society on a global scale.

**Merced Campus**
1919 MWF 11:00a-11:50a Maddux, M AG-10 Comments: Web Component which will require you to have internet access.

#### Allied Health (ALLH)

#### ALLH-24 Work Experience in Allied Health
1.0 units
This course enables students to earn college credit for learning and/or improving skills or knowledge on-the-job. Occupational Work Experience is discipline specific and must connect to the student’s major or occupational goal(s). Seventy-five (75) hours of documented paid work experience equals 1 unit of credit. Sixty (60) hours of documented volunteer experience equals 1 unit of credit. A student may enroll in up to 16 total units of work experience at Merced College. Students must have an established work site prior to enrolling in the course.

**Merced Campus**
Merced Campus

State Department of Health Services requirements for eligibility to take
sures, cardiopulmonary resuscitation and rehabilitation techniques. Meets
care of the older adult client, assistance with the activities of daily living,
nursing facilities and extended care facilities. The course emphasizes
basic nursing skills required of nursing assistants employed in skilled
7.5 hours lab.

ALLH-63  Nurse Assistant

6.0 units: 3.5 hours lec, 3.0 hours lab.
The course provides clinical instruction and practice of
basic nursing skills required of nursing assistants employed in skilled
nursing facilities and extended care facilities. The course emphasizes
care of the older adult client, assistance with the activities of daily living,
bathing, dressing, exercise movement, eating, eliminating safety mea-
sures, cardiopulmonary resuscitation and rehabilitation techniques. Meets
State Department of Health Services requirements for eligibility to take
the Nursing Assistant Certification examination.

Merced Campus

1418 W 03:00p-06:20p Dickens, A AHC-128
S 07:30a-05:00p Dickens, A OFML-HOSP

Comments: Section 1418 is restricted to CA Career Trust
pathway Grant Students. Nursing Assistant lab hours are held at
Merced Nursing & Rehab. 510 W. 26th St, Merced or Sierra Care Center, 2424 M St., Merced or Anberry Nursing & Rehab, 1685 Shaffer Rd., Atwater and includes a 30 minute lunch break.

1419 W 03:00p-06:20p Dickens, A AHC-128
S 07:30a-05:00p Marshall, C OFML-HOSP

Comments: Section 1419 is restricted to CA Career Trust
pathway Grant Students. Nursing Assistant lab hours are held at
Merced Nursing & Rehab. 510 W. 26th St, Merced or Sierra Care Center, 2424 M St., Merced or Anberry Nursing & Rehab, 1685 Shaffer Rd., Atwater and includes a 30 minute lunch break.

Los Banos Campus

8036 T 05:00p-08:15p Lima, B LB-B-138
S 06:30a-04:20p Lima, B LB-B-138

Comments: ALLH 63 requires a mandatory orientation. Go to http://www.mccd.edu/academics/alliedhealth/nurse-assistant/index.html for more information. Section 8036 lab hours are held at Merced Nursing & Rehab, 510 W. 26th St, Merced or La Sierra Care Center, 2424 M St, Merced or Anberry Nursing & Rehab, 1685 Shaffer Rd., Atwater and includes a 30 minute lunch break.

American Sign Language (ASLG)

ASLG-01  Beginning American Sign Language

3.0 units: 3.0 hours lec.
This course is an introduction to understanding and signing American
Sign Language and appreciating the basic elements of the deaf culture.
Emphasis is on obtaining a practical command of the language, includ-
ing major grammatical components, basic ASL sentence structures, non-
manual gestures, and Belong to the visual-gestual language, and becoming conversational skills.

Merced Campus

1802 TTh 03:30p-04:45p Chambers, K IAC-108
1970 MW 03:30p-04:45p Chambers, K IAC-108

ASLG-02  Intermediate American Sign Language

3.0 units: 3.0 hours lec.
Prerequisite: Take ASLG-01. Minimum grade C.P. This course provides
intermediate practice understanding and signing American Sign Lan-
guage and appreciating the basic elements of the deaf culture. Emphasis is on obtaining a practical command of the language including major grammatical components, basic ASL sentence structures, non-manual
gestures, expression of spatial relationships in a visual-gestural language, and intermediate conversational skills.

Merced Campus
6021  W  05:30p-08:20p Chambers, K  IAC-109

Animal Science (ANSC)

ANSC-10 Elements of Animal Science
3.0 units: 3.0 hours lec.
Advisory: ENGL-85AC. 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. The student will analyze the economic trends and career opportunities in animal agriculture. Field trips will be required.

Merced Campus
1038  MWF  09:00a-09:50a Maddux, M  AG-10
Comments: Web Component which will require you to have internet access.

ANSC-13 Animal Diseases & Parasite Control
3.0 units: 3.0 hours lec.
Advisory: ENGL-85A or ENGL-85C or ENGL-85E.
This course of animal health and sanitation will provide instruction to the student on common livestock diseases and fundamentals of immunity. It will also include coverage of the livestock worker's role in promoting animal health and the foundation of disease control programs.

Merced Campus
1656  MWF  10:00a-10:50a Maddux, M  AG-10
Comments: Web Component which will require you to have internet access.

ANSC-24 Work Experience in Animal Science
1.0 unit
This course enables students to earn college credit for learning or improving skills or knowledge on-the-job. Occupational Work Experience is discipline-specific and must connect to the student's major or occupational goal(s). Seventy-five (75) hours of documented paid work experience equals 1 units of credit. Sixty (60) hours of documented volunteer experience equals 1 unit of credit. A student may enroll in up to 16 total units of work experience at Merced College. Students must have an established work site prior to enrolling in the course.

Merced Campus
3204  - Maddux, M
Comments: This course has a MANDATORY ORIENTATION. Please see the Work Experience Webpage for orientation dates: http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html. This 1 unit course is designed for students who will work 60 volunteer or 75 paid hours during the semester. General Work Experience is for students whose work experience and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

ANSC-30 Fitting, Showing & Merchandising Livestock
1.5 units: 1.0 hours lec, 1.5 hours lab. 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 Campus
1314  Th  02:00p-04:15p Maddux, M  AG-11
Comments: Web Component which will require you to have internet access.

Anthropology (ANTH)

ANTH-01 Intro to Biological Anthropology
4.0 units: 3.0 hours lec, 3.0 hours lab. This survey course deals with the study of human biological heritage and physical variability. Genetics, the fossil evidence and theories of human evolution, forensic anthropology, primatology and current bioethical issues will be discussed. The laboratory portion of the course will include exercises in: genetics, human variation, skeletal analysis, forensic anthropology, evolution and the fossil record, and primate anatomy and behavior. The philosophy of science and the scientific method serve as the foundation for this course.

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

ANTH-02 Sociocultural Anthropology
3.0 units: 3.0 hours lec.
Advisories: ENGL-A. 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. Subjects include subsistence patterns, social and political organization, language and communication, family and kinship, religion, the arts, social inequality, ethnicity, gender, and culture change. The course applies anthropological perspectives to contemporary issues.

Merced Campus
1056  TTh  09:30a-10:45a Gaugler, C  IAC-110
6005  W  07:00p-09:50p Renn, E  IAC-110
9009  S  09:00a-12:20p Gaugler, C  IAC-110
Comments: Section 9009 is held on Saturdays from 1/18-5/16 except for 2/15, 4/11 and 4/18, which are non-instructional days.

Archaeology (ARCH)

ARCH-01 Introduction to Archaeology
3.0 units: 3.0 hours lec.
This class examines the historical, theoretical and methodological development of Archaeology and the role that scientific inquiry plays in understanding the past. Research design, survey and excavation methodology, stratigraphic analysis, dating techniques, lithic source assessment as well as artifact analysis and interpretation will be addressed. Cultural resource management and archaeological ethics will be discussed. Artifacts from around the world are used in class to illustrate archaeological concepts.

Merced Campus
6025  M  06:45p-09:50p Arguelles, M  IAC-110

Art (ART)

ART-01 Art History: Ancient Through Gothic
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-65 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A. Minimum grade C, P. This course is a survey that examines the historical contexts of humanity through the development of art, architecture, painting, sculpture, and the minor arts, from pre-history through the Gothic period.

Merced Campus
1026  TTh  03:30p-04:45p Benhissen, L  ART-1
1036  MW  02:00p-03:15p Warner-Davies, M  ART-1
ART-02  Art History: Renaissance Through 20th Century
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A. Minimum grade C, P. 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 Campus
1042  MWF  11:00a-11:50a  Serpa, B  ART-1
1101  TTh  02:00p-03:15p  Cooper, T  ART-1
6026  T  07:00p-09:50p  Serpa, B  ART-1

Los Banos Campus
4086  F  03:00a-10:50a  Cooper, T  LB-B-107
Comments: Section 4086 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

ART-06  Survey of Modern Art
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A. Minimum grade C, P. This course is a survey of the prominent artists and art movements from the 19th and 20th centuries to today. Major works in painting, sculpture, architecture and the applied arts are covered. The historical context of science, invention, world events, politics, philosophy, religion, and music are examined as influences reflected in each generation's contribution to the history of the visual arts.

Merced Campus
1907  TTh  11:00a-12:15p  Benhissen, L  ART-1

ART-12A  Sculpture: 3-D Foundations
3.0 units: 2.0 hours lec,
3.0 hours lab. 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. Important sculptors and their significant works from various historical periods and various cultures are examined. A small materials fee covers the cost of the works created.

Merced Campus
6550  W  05:10p-07:00p  Warner-Davies, M  ART-4
W  07:10p-10:00p  Warner-Davies, M  ART-4
Comments: ART-12A requires a $40 material fee.

ART-12B  Intermediate Sculpture
3.0 units: 2.0 hours lec,
3.0 hours lab. Prerequisite: Take ART-12A; Minimum grade C, P. Students will explore sculpture materials, methods, techniques, and create three-dimensional design projects related to intermediate-level course work. Students will research Important sculptors and their significant works from various historical periods and cultures. A materials fee will cover the cost of the art works created.

Merced Campus
6551  W  05:10p-07:00p  Warner-Davies, M  ART-4
W  07:10p-10:00p  Warner-Davies, M  ART-4
Comments: ART-12B requires a $40 material fee.

ART-15  Design: 2-D Foundations
3.0 units: 2.0 hours lec,
3.0 hours lab. This studio survey class is a required foundation course for the study of the Visual Arts. Lectures and studio projects explore and analyze concepts related to the elements and principles of current and historical design theories. Philosophical, social and cultural implications are examined. Subject matter is directly linked to topics in 2-D, fine art, graphic design, commercial art, and photography, with broader applications to professional fields of 3-D, applied arts, environmental design, architecture, interior design and fashion. Required for Art Majors.

Merced Campus
1039  MW  10:30a-11:20a  Benhissen, L  ART-6
MW  11:30a-12:45p  Benhissen, L  ART-6
6291  T  05:10p-07:00p  Kirksey, R  ART-6
T  07:10p-10:00p  Kirksey, R  ART-6

ART-17A  Introduction to Ceramics
3.0 units: 2.0 hours lec,
3.0 hours lab. 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. The course covers aesthetics and creative development of clay objects examining historical, contemporary and personal modes of expression across multiple cultures.

Merced Campus
1063  TTh  01:00p-01:50p  French, S  ART-5
TTh  02:00p-03:15p  French, S  ART-5
Comments: ART-17A requires a materials fee of $10. Additionally, students will need to purchase an estimated min.(2) bags of clay at a cost of $10/bag. Students provide their own clay tools, available at the bookstore at an estimated cost of $10.
6032  T  05:10p-07:00p  French, S  ART-5
T  07:10p-10:00p  French, S  ART-5
Comments: ART-17A requires a materials fee of $10. Additionally, students will need to purchase an estimated min.(2) bags of clay at a cost of $10/bag. Students provide their own clay tools, available at the bookstore at an estimated cost of $10.

ART-17B  Intermediate Ceramics
3.0 units: 2.0 hours lec,
3.0 hours lab. Prerequisite: Take ART-17A. Minimum grade C, P. This is an intermediate course in ceramic pottery and sculpture design and construction, non-technical glaze composition, and kiln firing. Stress is placed upon the attainment of skill on the potter's wheel and organization of construction problems. Students pursue projects of individual interest.

Merced Campus
1325  TTh  01:00p-01:50p  French, S  ART-5
TTh  02:00p-03:15p  French, S  ART-5
Comments: ART-17B requires a materials fee of $10. Additionally, students will need to purchase an estimated min.(2) bags of clay at a cost of $10/bag. Students provide their own clay tools, available at the bookstore at an estimated cost of $10.
6036  T  05:10p-07:00p  French, S  ART-5
T  07:10p-10:00p  French, S  ART-5
Comments: ART-17B requires a materials fee of $10. Additionally, students will need to purchase an estimated min.(2) bags of clay at a cost of $10/bag. Students provide their own clay tools, available at the bookstore at an estimated cost of $10.

ART-23A  Introduction to Painting
3.0 units: 2.0 hours lec,
3.0 hours lab. This course is an introduction to the principles, elements, and practices of painting in oil and acrylic medium. Students will focus on exploration of painting materials, perceptual skills and color theory, paint mixing and technique, as well as creative responses to materials and subject matter.

Merced Campus
1273  MW  01:00p-01:50p  Schellenberg, E  ART-4
MW  02:00p-03:15p  Schellenberg, E  ART-4
1941  TTh  01:00p-01:50p  Warner-Davies, M  ART-4
TTh  02:00p-03:15p  Warner-Davies, M  ART-4

Los Banos Campus
4094  TTh  10:30a-12:45p  Donovan, M  LB-B-101
ART-23B Intermediate Painting
3.0 units: 2.0 hours lec, 3.0 hours lab. Prerequisite: Take ART-23A; Minimum Grade C,P. 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. Students in this course will build on fundamental painting skills to develop personalized approaches to content and materials in exercises covering multiple historical and contemporary approaches to painting.

Merced Campus
1040 MW 10:30a-11:20a Benhissen, L ART-6
MW 11:30a-12:45p Benhissen, L ART-6
6292 T 05:10p-07:00p Kirksey, R ART-6
T 07:10p-10:00p Kirksey, R ART-6

Los Banos Campus
4106 TTh 02:00p-04:15p Donovan, M LB-B-101

ART-24A Drawing I
3.0 units: 2.0 hours lec, 3.0 hours lab. This studio survey course introduces the principles, elements, and practices of drawing, employing a wide range of subject matter and drawing media. Students will focus on perceptually based drawing, observational skills, technical abilities, conceptual thinking and critical analysis. Historical and contemporary developments, critical trends, materials, and approaches in drawing will be examined for their philosophical and cultural implications. Required for Art majors.

Merced Campus
1066 MW 01:00p-01:50p Serpa, B ART-6
MW 02:00p-03:15p Serpa, B ART-6
1731 MW 08:00a-08:50a Disch, S ART-6
MW 09:00a-10:15a Disch, S ART-6
1858 TTh 10:30a-11:20a Warner-Davies, M ART-6
TTh 11:30a-12:45p Warner-Davies, M ART-6
1904 TTh 01:00p-01:50p Benhissen, L ART-6
TTh 02:00p-03:15p Benhissen, L ART-6

Los Banos Campus
4106 TTh 02:00p-04:15p Donovan, M LB-B-101

ART-24B Intermediate Drawing
3.0 units: 2.0 hours lec, 3.0 hours lab. Prerequisite: Take ART-24A. Minimum grade C,P. 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. Students in this course will build on fundamental drawing skills to develop personalized approaches to content and materials in exercises covering multiple historical and contemporary approaches to drawing.

Merced Campus
1295 MW 01:00p-01:50p Serpa, B ART-6
MW 02:00p-03:15p Serpa, B ART-6
1296 TTh 01:00p-01:50p Benhissen, L ART-6
TTh 02:00p-03:15p Benhissen, L ART-6
1732 MW 08:00a-08:50a Disch, S ART-6
MW 09:00a-10:15a Disch, S ART-6
1860 TTh 10:30a-11:20a Warner-Davies, M ART-6
TTh 11:30a-12:45p Warner-Davies, M ART-6

Los Banos Campus
4108 TTh 02:00p-04:15p Donovan, M LB-B-101

ART-26A Introduction to Figure Drawing
3.0 units: 2.0 hours lec, 3.0 hours lab. This course is an introduction to drawing the human figure from observation using a wide variety of drawing media and techniques. Topics include an introduction to human anatomy and the historical and contemporary roles of figure drawing in the visual arts. Students in this course will learn both descriptive and interpretive approaches to drawing the figure, in both rapid and extended studies.

Merced Campus
6062 W 05:10p-07:00p Benhissen, L ART-6
W 07:10p-10:00p Benhissen, L ART-6

ART-26B Intermediate Figure Drawing
3.0 units: 2.0 hours lec, 3.0 hours lab. Prerequisite: Take ART-26A; Minimum grade C,P. 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. Students in this course will build on fundamental figure drawing skills to develop personalized approaches to content and materials in exercises covering multiple historical and contemporary approaches to figure drawing.

Merced Campus
6064 W 05:10p-07:00p Benhissen, L ART-6
W 07:10p-10:00p Benhissen, L ART-6

ARTD-07 History of Graphic Design
3.0 units: 3.0 hours lec. This survey course encompasses graphic art forms from the development of written language to contemporary digital media across a range of cultural perspectives. The class explores formative printed media and Gutenberg press book design from illuminated manuscripts through the Renaissance, Victorian era and Art Nouveau graphics and critical theory from the modernist era through postmodernism and the digital revolution.

Merced Campus
1890 TTh 09:30a-10:45a Perlin, A ART-1

ARTD-40A Introduction to Digital Art Media
3.0 units: 2.0 hours lec, 3.0 hours lab. The studio survey course introduces fundamental raster and vector artwork concepts and visualization processes. Students will learn basic design elements, compositional principles, current digital art theories, philosophical and cultural implications, and software techniques to create, edit, and output digital visuals. The course emphasizes creative thinking skills, design aesthetics, static imagery and motion media competence.

Merced Campus
1268 TTh 08:00a-08:50a Toel, B ART-8
TTh 09:00a-10:15a Toel, B ART-8
Comments: ARTD-40A requires that students provide their own DSLR or point and shoot digital camera and pay a $30 materials fee.
1430 MW 01:00p-01:50p Perlin, A ART-8
MW 02:00p-03:15p Perlin, A ART-8
Comments: ARTD-40A requires that students provide their own DSLR or point and shoot digital camera and pay a $30 materials fee.
1917 TTh 01:00p-01:50p Perlin, A ART-8
TTh 02:00p-03:15p Perlin, A ART-8
Comments: ARTD-40A requires that students provide their own DSLR or point and shoot digital camera and pay a $30 materials fee.
1944 F 08:00a-09:50a Toel, B ART-8
F 10:00a-12:50p Toel, B ART-8
Comments: ARTD-40A requires that students provide their own DSLR or point and shoot digital camera and pay a $30 materials fee.
6342 T 05:10p-07:00p Perlin, A ART-8
T 07:10p-10:00p Perlin, A ART-8
Comments: ARTD-40A requires that students provide their own DSLR or point and shoot digital camera and pay a $30 materials fee.
ARTD-40B Intermediate Digital Art
3.0 units: 2.0 hours lec, 3.0 hours lab.
This studio course continues to promote creative thinking ability, the exploration of design elements & composition, and imaginative technical ability through the use of bitmap and vector software programs. Students’ perceptual capability will expand when producing innovative artwork for print, web, and multimedia outputs. Digital art history, contemporary trends, and emerging media underscore the course’s broadminded structure.

Merced Campus
1861 MW 01:00p-01:50p Perlin, A ART-8
MW 02:00p-03:15p Perlin, A ART-8
Comments: ARTD-40B requires that students provide their own DSLR or point and shoot digital camera and pay a $30 materials fee.

ARTD-41A Introduction to Graphic Design
3.0 units: 2.0 hours lec, 3.0 hours lab.
This studio survey course introduces fundamental concepts and manipulation processes in graphic design and the visual communication arts. Students will learn foundational design principles, conceptual thinking, and typographic layout while also exploring philosophical and cultural implications. Students utilize software and traditional drawing-board design practices that visually enlighten and effectively communicate to a mass audience.

Merced Campus
1102 TTh 01:00p-01:50p Perlin, A ART-8
TTh 02:00p-03:15p Perlin, A ART-8
Comments: ARTD-41A requires that students provide their own DSLR or point and shoot digital camera and pay a $30 materials fee.

ARTD-42A Introduction to Motion Graphics
3.0 units: 2.0 hours lec, 3.0 hours lab.
This course involves innovative thinking in introductory graphics on a timeline. Students will create characters, design movement paths, learn pose manipulation and cycles, frame movement based on sound, animate text and produce dynamic compositions and scene storytelling with drawing and software such as After Effects and Maya.

Merced Campus
1892 MW 10:30a-11:20a Perlin, A ART-8
MW 11:30a-12:45p Perlin, A ART-8
Comments: ARTD-42A requires that students provide their own DSLR or point and shoot digital camera.

ARTD-42B Intermediate Motion Graphics
3.0 units: 2.0 hours lec, 3.0 hours lab.
Prerequisite: Take ARTD-42A; Minimum grade C,P; This studio course involves more in-depth innovative concepts in intermediate-level visual effects on a timeline. Students will create characters with pose manipulation, design fluid movement paths within environments, control simulations with scripting, frame movement based on sound, and produce more complex compositions and scene storytelling with particles and deformers while utilizing software such as After Effects, ZBrush, Nuke, ToonBoom and Maya.

Merced Campus
1936 MW 10:30a-11:20a Perlin, A ART-8
MW 11:30a-12:45p Perlin, A ART-8
Comments: ARTD-42B requires that students provide their own DSLR or point and shoot digital camera.

ARTD-507B Music Therapy for Adults - Intermediate
0.0 units
This 54 hour course provides experience in performing concert and symphonic band literature. Public performance and exchange concerts are scheduled in addition to class instruction and rehearsals.

Merced Campus
5605 M 05:30p-08:35p Taylor, K MUS-2
5612 T 05:30p-08:20p Doiel, M MUS-2

ARTS-512 Choral Dynamics
0.0 units
This 54-72 hour course is a study of standard choral literature. It emphasizes part-singing, intonation, breath control, vocal development, style, eras, musical devices, etc. The ensemble makes several public concert appearances each year.

Merced Campus
5627 T 05:45p-09:15p Smallwood, P LESH-111

ARTS-520 Theatre Production in the Community for Older Adults
0.0 units
This class offers the older adult community member the opportunity to perform theatrical roles and or learn the basics of technical positions in theatrical rehearsal and public performance.

Merced Campus
5613 T 06:30p-09:30p Vanderslak, G OFML-MARI

ASTR-01 Principles of Astronomy
3.0 units: 3.0 hours lec.
Advisory: ENGL-A. This is a basic course studying the principles of astronomy beginning with the solar system and continuing through the Milky Way Galaxy and the galaxies beyond. Throughout the course topics relating to the philosophy of science, history of astronomy, tools of the astronomer, and supporting topics of physics are introduced. The course is designed for students satisfying breadth requirements in science and having a general interest in astronomy.

Merced Campus
6094 M 07:00p-09:50p Pourtarvirdi, Z SCI-110
6424 Th 07:00p-09:50p Davies, R SCI-110
Requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

ASTR-01L Introductory Astronomy Lab
1.0 units
3.0 hours lab.Prerequisite: Take ASTR-01L This is a basic course in astronomy providing laboratory experience and opportunity for observation of the night sky. Specific topics include observations of the solar system and deep sky objects, time studies, planetary motions, telescopes and their applications, spectroscopy, and basic calculations of the astronomer.

Merced Campus
1244 T 08:00a-10:50a Staff SCI-105
6013 W 07:00p-09:50p Davies, R SCI-105

ATHL-01A Intercollegiate Basketball Intercollegiate Baseball
3.0 units
10.0 hours lab. This is a course teaching theory, practice and game performance of competitive baseball. This course may be repeated three times.

Merced Campus
1936 MTWTh 02:00p-04:05p Devine, N ATHL-BBF
F 02:00p-02:50p Devine, N ATHL-BBF

ARTS- Noncredit (ARTS)

ARTS- Noncredit (ARTS)
ATHL-01B Intercollegiate Basketball
1.5 units:
5.0 hours lab. This course teaches theory, practice and game performance of competitive basketball. This course may be repeated three times.

Merced Campus
9600 MTWTh 02:00p-04:25p Russell, W GYM-1
Comments: Section 9600 is held from 01/13/20 to 03/13/20.
9601 MTWThF 12:00p-01:50p Huddleston, A GYM-1
Comments: Section 9601 is held from 01/13/20 to 03/13/20.

ATHL-01G Intercollegiate Swimming
3.0 units:
10.0 hours lab. This is a course teaching theory, practice and game performance of the competitive sport. This course may be repeated three times.

Merced Campus
1606 MTWThF 03:00p-04:50p McCall, S ATHL-POOL
Comments: Men's Swimming
1803 MTWThF 12:00p-01:50p Halpin, W ATHL-POOL
Comments: Women's Swimming

ATHL-01I Intercollegiate Track & Field
3.0 units:
10.0 hours lab. This is a course teaching theory, practice, and game performance of the designated competitive sport. This course may be repeated three times.

Merced Campus
1609 MTWThF 03:00p-04:50p Foy, L ATHL-STAD
Comments: Track and Field

ATHL-01K Intercollegiate Softball
3.0 units:
10.0 hours lab. This course teaches theory, practice and game performance of the competitive softball. This course may be repeated three times.

Merced Campus
1610 MTWThF 02:00p-03:50p McGhee, S ATHL-SBF

ATHL-02B Off-Season Conditioning for Basketball
1.0 units:
3.0 hours lab. This course is designed to optimize sports performance and reduce risk of injury for the off-season intercollegiate athlete in the sport of basketball. Course content will include: sport specific skill development, sport specific strength training, cardiovascular conditioning, agility work, plyometrics, speed training, and flexibility exercises. This course is designed to prepare students for intercollegiate basketball competition and may be repeated to meet requirements for CCCAA eligibility.

Merced Campus
9166 MWF 02:30p-04:20p Ramirez, J GYM-1
Comments: Section 9166 is held from 01/13/20 to 03/20/20.

ATHL-02D Off-Season Cond for Football
1.0 units:
3.0 hours lab. This course is designed to optimize sports performance and reduce risk of injury for the off-season intercollegiate athlete in the sport of football. Course content will include: sport specific skill development, sport specific strength training, cardiovascular conditioning, agility work, plyometrics, speed training, and flexibility exercises. This course is designed to prepare students for intercollegiate football competition and may be repeated to meet requirements for CCCAA eligibility.

Merced Campus
1711 TTh 02:00p-03:50p Casey, R GYM-5

ATHL-03 Athletic Conditioning
1.0 - 3.0 units:
5.0 hours lab. 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. Emphasis will be placed on injury prevention and to improve athletic performance.

Multiple workouts are required per week. This course may be repeated three times.

Merced Campus
1611 MTWTh 04:15p-05:30p Devine, N GYM-5
1612 MWF 01:00p-02:30p Casey, R GYM-5
1613 MTWTh 04:00p-05:15p Casey, J ATHL-STAD
1615 MTWThF 02:00p-02:50p McCall, S ATHL-POOL
1687 MWF 12:00p-01:50p Cumberland, C GYM-5
1799 MTWTh 04:00p-05:15p McGhee, S GYM-5
1918 MTWThF 02:00p-03:00p Halpin, W ATHL-POOL
6113 MTWTh 05:30p-06:45p Ramirez, W GYM-5
9118 MTWThF 03:00p-07:15p Cumberland, C GYM-5
Comments: Section 9118 is held from 12/26/19 to 01/10/20.
9168 MTWThF 09:00a-02:50p Huddleston, A GYM-5
Comments: Section 9168 is held from 12/26/19 to 01/10/20.
9317 MTWThF 02:00p-07:50p Russell, W GYM-5
Comments: Section 9317 is held from 12/26/19 to 01/10/20.

ATHL-13 Advanced Basketball
1.0 units:
54.0 hours lab. This course offers the more advanced student the opportunity to develop and improve fundamental skills involved in basketball, such as, ball handling, shooting, defensive and offensive tactics, and physical endurance. It also covers team strategy and play. Rules, strategy, and sportsmanship are also stressed. This course may be repeated three times.

Merced Campus
9127 MWF 12:00p-01:50p Huddleston, A GYM-1
Comments: Section 9127 is held from 03/16/20 to 05/22/20.
9184 MWF 02:00p-03:50p Russell, W GYM-1
Comments: Section 9184 is held from 03/16/20 to 05/22/20.

ATHL-36B Theory & Analysis of Basketball
1.0 units: 1.0 hours lec.
This course presents the fundamental knowledge of basketball through techniques of lecture, discussions, and video analysis. This course is recommended for physical education, recreation, and recreation-aide majors and varsity basketball players.

Merced Campus
9133 TTh 05:30p-06:20p Russell, W GYM-1
Comments: Section 9133 is held from 01/13/20 to 03/13/20.

Automotive Technology (AUTO)
AUTO-04 Automotive Mechanics
3.0 units: 3.0 hours lec.
This class is designed for students without prior experience in automotive mechanics. It is a study of fundamental theory and operation of the components that make up the major automotive systems with the purpose of giving the student general knowledge of the automobile. Major emphasis is given to operational principles of the automobile and related terminology.

Merced Campus
6054 M 05:30p-08:20p Barnard, R IT-4A
Comments: Web component which will require you to have internet access.
6071 T 05:30p-08:20p Barnard, R IT-4A
Comments: Web component which will require you to have internet access.

AUTO-32 Wheel Alignment & Suspension
4.0 units: 3.0 hours lec.
3.0 hours lab. Advisories: AUTO-04; ENGL-A; MATH-80. This course is designed to provide the technical knowledge and experience required for aligning and servicing suspension systems on modern automobiles. Laboratory exercises will provide the student an opportunity to develop entry-level skills in the use of machines and equipment commonly used in wheel alignment, tire service, and front-end repairs.

Merced Campus
AUTO-33 Automotive Brake Systems
4.0 units: 54.0 hours lec,
54.0 hours lab. This course is designed for students without prior experience in automotive brake repair. The course will cover theory, service and repair of conventional, Anti-block Brake Systems (ABS) and related brake systems. Laboratory exercises will provide the student the opportunity to develop skills and knowledge in the use of tools and equipment necessary in the repair and service of automotive brake systems.

Merced Campus
9198 MTWTh 08:00a-09:25a Weepers, M IT-4B
MTWTh 09:45a-11:10a Weepers, M IT-4B
Comments: Section 9198 requires an additional fee for materials. Web Component which will require you to have internet access.

AUTO-36 Automotive Manual Transmissions & Drive Trains
4.0 units: 54.0 hours lec,
54.0 hours lab. Advisories: AUTO-04; ENGL-A; MATH-80. 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. Laboratory exercise will provide the student with proper repair procedures and use of related tools and equipment. Standard transmissions, transaxles, differentials, drivelines, and related components will be covered.

Merced Campus
9403 MTWTh 01:00p-02:30p Weepers, M IT-4B
MTWTh 02:55p-04:25p Weepers, M IT-4B
Comments: Section 9403 is held from 01/13/20 to 03/05/20. This is a learning community and requires registering in AUTO-36-9403, AUTO-41-9186, AUTO-43-9405, AUTO-46-9179. Web component which will require you to have internet access. Requires an additional fee for materials.

AUTO-41 Automotive Engines
4.0 units: 36.0 hours lec,
108.0 hours lab. Advisories: AUTO-04; AUTO-62; ENGL-A; MATH-80. This course will cover the duties and responsibilities of engine repair and rebuilding including the disassembly and assembly of engines. There will be emphasis on inspection, measuring, and comparing worn and rebuilt parts. Testing equipment will be used during in-car engine condition diagnosis. Also included will be minor machining operations that are used in engine rebuilding and repairing.

Merced Campus
9186 MTWTh 08:00a-09:50a Gregory, A IT-4A
MTWTh 09:25a-11:35a Gregory, A IT-4A
Comments: Section 9186 is held from 01/13/20 to 03/05/20. This is a learning community and requires registering in AUTO-36-9403, AUTO-41-9186, AUTO-43-9405, AUTO-46-9179. Web component which will require you to have internet access. Requires an additional fee for materials.

AUTO-42 Automotive Electrical Systems
4.0 units: 54.0 hours lec,
54.0 hours lab. Advisories: AUTO-63; Minimum Grade C,P. 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. The student will acquire working and technical knowledge of electrical accessories and accessory circuits. The use of special service tools and electronic diagnostic equipment will be included.

Merced Campus
9056 MTWTh 01:00p-02:35p Gregory, A IT-4A
MTWTh 02:50p-04:25p Gregory, A IT-4A
Comments: Web Component which will require you to have internet access. Section 9056 is held from 01/13/20 to 03/05/20. Requires an additonal fee for materials.

AUTO-43 Automatic Transmissions
4.0 units: 54.0 hours lec,
54.0 hours lab. Prerequisite: Take AUTO-04 and AUTO-63. This course covers the testing and service of automotive fuel systems, including fuel injection systems, electronic engine controls, and emission controls.

Merced Campus
6024 MT 05:3p-08:20p Gregory, A IT-4B
Comments: Web Component which will require you to have internet access. Section 6024 requires an additional fee for materials.

AUTO-46 Automatic Transmissions
4.0 units: 18.0 hours lec,
108.0 hours lab. Advisories: AUTO-04, AUTO-62; ENGL-A; MATH-80. This course will cover the duties and responsibilities of engine repair and rebuilding including the disassembly and assembly of engines. There will be emphasis on inspection, measuring, and comparing worn and rebuilt parts. Testing equipment will be used during in-car engine condition diagnosis. Also included will be minor machining operations that are used in engine rebuilding and repairing.

Merced Campus
9179 MTWTh 12:00p-12:50p Weepers, M IT-4B
MTWTh 01:05p-04:15p Weepers, M IT-4B
Comments: Section 9179 is held from 03/16/20 to 05/14/20. This is a learning community and requires registering in AUTO-36-9403, AUTO-41-9186, AUTO-43-9405, AUTO-46-9179. Web component which will require you to have internet access. Requires an additional fee for materials.

AUTO-66 Automotive Parts and Service Advising
3.0 units: 45.0 hours lec,
4.0 units: 3.0 hours lec,
18.0 units. This course will cover the duties and responsibilities of engine repair and rebuilding including the disassembly and assembly of engines. There will be emphasis on inspection, measuring, and comparing worn and rebuilt parts. Testing equipment will be used during in-car engine condition diagnosis. Also included will be minor machining operations that are used in engine rebuilding and repairing.

Merced Campus
6070 WTh 07:00p-09:50p Maxwell, G IT-4B
Comments: Web Component which will require you to have internet access. Section 6070 requires an additional fee for materials.

AUTO-67 Basic Auto Electronics for Technicians
3.0 units: 3.0 hours lec,
3.0 hours lab. This course is designed to provide the automotive students with a strong background in basic electrical concepts. This will help the student to troubleshoot electrical system problems with the aid of technical information and test equipment. The class will also provide the necessary electrical theory for the more advanced automotive classes.

Merced Campus
6070 WTh 07:00p-09:50p Maxwell, G IT-4B
Comments: Web Component which will require you to have internet access. Section 6070 requires an additional fee for materials.

AUTO-64 Automotive Parts and Service Advising
3.0 units: 45.0 hours lec,
3.0 hours lab. This course will cover the duties and responsibilities of engine repair and rebuilding including the disassembly and assembly of engines. There will be emphasis on inspection, measuring, and comparing worn and rebuilt parts. Testing equipment will be used during in-car engine condition diagnosis. Also included will be minor machining operations that are used in engine rebuilding and repairing.

Merced Campus
6325 T 05:30p-09:20p Woodall, D AG-10
Comments: Web Component which will require you to have internet access. Section 6253 requires an additional fee for materials.
### Biology (BIOL)

#### BIOL-01 General Biology for Non-Majors

4.0 units: 3.0 hours lec,
3.0 hours lab.

Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A. Minimum Grade C or P.

Note:
- This course is not available to students having a grade of C or better in ENGL-85E or ENGL-A or ENGL-01A.
- Minimum Grade C or P;

#### Comments:
- 3.0 hours lab.
- Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A. Minimum Grade C,P;

#### Merced Campus

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<td>Estrella, C</td>
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#### Comments:
- CONTACT: estrella.c@mccd.edu
- IN-CLASS SESSIONS: Lab; Mondays; 08:00a-10:50a; SCI-112. COMMENTS: 3 Lecture hours per week will be held online. Section 2341 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

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<td>Staff, M</td>
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#### Comments:
- CONTACT: edward.modafferi@mccd.edu
- IN-CLASS SESSIONS: Lab; Mondays; 02:00p-04:50p; SCI-112. COMMENTS: 3 Lecture hours per week will be held online. Section 2347 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

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#### Comments:
- CONTACT: katherine.rwhite@mccd.edu
- IN-CLASS SESSIONS: Lab; Wednesdays; 12:00p-12:50p; SCI-112. COMMENTS: 3 Lecture hours per week will be held online. Section 4134 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

#### BIOL-02 Human Biology

4.0 units: 3.0 hours lec,
3.0 hours lab. Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A. Minimum Grade C,P;

This course is an introduction to the principles of biology with an emphasis on humans. Topics covered include scientific method, cell structure and function, biochemistry, metabolism, cell division, heredity, biotechnology, evolution, anatomy and physiology of the human body, development and aging, disease, and ecology. This course is recommended for allied health students.

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<td>8138</td>
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#### Comments:
- CONTACT: estrella.c@mccd.edu
- IN-CLASS SESSIONS: Lab; Tuesdays; 05:30p-06:45p; SCI-112. COMMENTS: 3 Lecture hours per week will be held online. Section 6439 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

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#### Comments:
- CONTACT: estrella.c@mccd.edu
- IN-CLASS SESSIONS: Lab; Wednesdays; 08:00a-10:50a; SCI-112. COMMENTS: 3 Lecture hours per week will be held online. Section 1104 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

#### BIOL-04A Fundamentals of Biology: the Cell and Evolution

4.0 units: 3.0 hours lec,
3.0 hours lab.

Prerequisite: Take CHEM-04A; Take MATH-C or MATH-61 or MATH-62. Minimum Grade C,P;

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. Genetics will include Mendelian genetics, human genetics and Biotechnology. This course is intended for science majors for pre-medical, pre-veterinarian, pre-dental, pre-optometry, and pre-pharmacy majors.

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<th>Instructor</th>
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<td>1104</td>
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<td>1104</td>
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<td>Igo, M</td>
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</table>

#### Comments:
- CONTACT: edward.modafferi@mccd.edu
- IN-CLASS SESSIONS: Lab; Tuesdays; 09:30a-10:45a; SCI-208. COMMENTS: 3 Lecture hours per week will be held online. Section 1104 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.
BIOL-04B  Diversity of Life: Morphology and Physiology

5.0 units: 3.0 hours lec, 6.0 hours lab.
Prerequisite: Take BIOL-04A or BIOL-04H; Minimum grade C,P.
Advisories: BIOL-01 or BIOL-02; ENGL-A. This course is the second semester of a two-semester sequence of general biology for biology majors. This course will cover the origins of life, evolutionary history, biological diversity, plant form and function, animal form and function, and ecology. This course is intended for science majors and for pre-medical, pre-veterinarian, pre-dental, pre-optometry, and pre-pharmacy majors.

Merced Campus
1111  MWF  11:00a-11:50a  Estrella, C  VOC-11
6165  TTh  05:30p-06:20p  Zermeno, J  SCI-204

Los Banos Campus
6440  TTh  05:30p-06:20p  Zermeno, J  SCI-204

BIOL-06  Environmental Science

3.0 units: 3.0 hours lec.
Advisory: ENGL-A. This introductory course examines Earth as an ecosystem composed of biological, chemical, and physical processes with emphasis on man's impact on the planet. Topics include the structure and function of ecosystems, bio-diversity, the impact of industrialization and urbanization, energy, populations, resources, pollution, pesticides, and risk/benefit assessment.

Merced Campus
1180  MWF  09:00a-09:50a  Gomez Daglio, L  VOC-140
1111  MWF  11:00a-11:50a  Estrella, C  VOC-11

Delhi
7703  T  05:30p-08:20p  Menke, B  DELH-C6

BIOL-16  General Human Anatomy

4.0 units: 2.0 hours lec, 3.0 units: 3.0 hours lec.
6.0 hours lab.
Prerequisite: Complete BIOL-01 or BIOL-02 or BIOL-04A; and Complete ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A. Minimum grade C,P.
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.

Merced Campus
1043  TTh  11:00a-11:50a  Albanao, V  SCI-202
1044  TTh  08:00a-10:50a  Albanao, V  SCI-116
1231  TTh  01:00p-01:50p  Schneider, B  SCI-208
1601  Th  12:00p-12:50p  Cayetano Simmari, L  SCI-110
1602  Th  12:00p-12:50p  Cayetano Simmari, L  SCI-110
6033  MW  05:30p-06:20p  Crombie, K  SCI-204
6067  MW  02:00p-04:50p  Crombie, K  SCI-204
6069  FS  02:00p-04:50p  Eayre, C  SCI-204
6164  MW  05:30p-06:20p  Crombie, K  SCI-204

Los Banos Campus
4150  TTh  12:30p-01:45p  Schroeder, K  SCI-202
BIOL-20 Microbiology
4.0 units: 2.0 hours lec, 6.0 hours lab. Prerequisite: Complete all groups: Group 1: Complete one course from BIOL-01 or BIOL-02 or BIOL-04A; and Group 2: Complete CHEM-02A; and Group 3: Complete one course from ENGL-85 or ENGL-85A or ENGL-85C or ENGL-85E or ENGL-A or ENGL-01A. This is an introductory course familiarizing students with basic laboratory techniques and fundamental topics of microbiology. Laboratory work includes aseptic techniques, staining procedures, biochemical characterization, serology, and DNA technology used in the identification of microorganisms. Lecture topics consist of a historical overview, genetics, metabolism, cell physiology, growth requirements, immunology, and host-parasite interactions between humans and bacteria, viruses, protozoa, and helminths. The course is designed for students in any of the allied health professions.

**Merced Campus**

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<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1108</td>
<td>MW</td>
<td>11:00a-11:50a</td>
<td>Modafferi, E</td>
<td>SCI-208</td>
</tr>
<tr>
<td>1109</td>
<td>TTh</td>
<td>11:00a-11:50a</td>
<td>Macias, M</td>
<td>SCI-208</td>
</tr>
<tr>
<td>1303</td>
<td>MW</td>
<td>10:00a-10:50a</td>
<td>Igo, M</td>
<td>SCI-114</td>
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Comments: Section 1303 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

<table>
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<th>Location</th>
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<tr>
<td>1377</td>
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<td>11:00a-11:50a</td>
<td>Macias, M</td>
<td>SCI-208</td>
</tr>
<tr>
<td>6048</td>
<td>MW</td>
<td>05:30p-06:20p</td>
<td>Vierra, S</td>
<td>SCI-202</td>
</tr>
</tbody>
</table>

Comments: Section 6048 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

<table>
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<th>Section</th>
<th>Days</th>
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<th>Instructor</th>
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<td>6101</td>
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<td>SCI-202</td>
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<tr>
<td>6048</td>
<td>MW</td>
<td>02:00p-04:50p</td>
<td>Vierra, S</td>
<td>SCI-202</td>
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Comments: Section 6048 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

**Los Banos Campus**

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<th>Instructor</th>
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<td>MW</td>
<td>08:00a-08:50a</td>
<td>LB-B-107</td>
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<tr>
<td>1108</td>
<td>MW</td>
<td>11:00a-01:50p</td>
<td>LB-B-104</td>
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</table>

Comments: Section 4152 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

BIOL-50 Survey of Anatomy & Physiology
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85C or ENGL-85E or ENGL-A or ENGL-01A; Minimum Grade C,P. 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 Campus**

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<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>1049</td>
<td>TTh</td>
<td>08:00a-09:15a</td>
<td>Schneider, B</td>
<td>SCI-111</td>
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</table>

Comments: Section 1049 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

Business (BUS)

**BUS-10 Introduction to Business**
3.0 units: 3.0 hours lec.
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. This information will be integrated and related to social, political, legal, and international matters affecting the United States.

**Online**

<table>
<thead>
<tr>
<th>Section</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>2307</td>
<td>Haugen, A</td>
<td>Online</td>
</tr>
</tbody>
</table>

Comments: CONTACT: haugen.a@mccd.edu for course-specific questions. COMMENTS: Students must log into the course or contact the instructor within the first four days of semester to avoid being dropped. Additional fees may apply. For specific text/access code, view the syllabus available in Canvas.

**BUS-18A Business Law**
4.0 units: 4.0 hours lec.
Prerequisite: Take BUS-10; and Take ENGL-85 or ENGL-85A or ENGL-85C or ENGL-85E or ENGL-A or ENGL-01A; Minimum grade C,P. This course is a study of legal principles that govern the conduct of business. Included are surveys of the essential elements of legal history and jurisprudence; judicial, administrative, and alternative dispute resolution; ethics; business crime; torts; contracts and the UCC; bankruptcy; agency relationships; property; administrative law; labor and employment law; international law. Introduction to legal research and brief-writing are also included.

**Online**

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<thead>
<tr>
<th>Section</th>
<th>Instructor</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>2210</td>
<td>Matis Foss</td>
<td>Online</td>
</tr>
</tbody>
</table>

Comments: CONTACT: amanda.matisfoss@mccd.edu for course-specific questions.

**BUS-35 Money Management**
3.0 units: 3.0 hours lec.
Advisory: BUS-10 This course offers instruction in basic financial, career and life planning. Areas of study include income distribution; occupational earnings; wise buying; credit and borrowing; insurance; housing; savings and investments; taxes; and retirement and planning.

**Online**

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<thead>
<tr>
<th>Section</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>7701</td>
<td>Matis Foss</td>
<td>DELH-J2</td>
</tr>
</tbody>
</table>

Comments: Section 7701 is held at Delhi High School; 16881 Schendel Ave, Room J2; Delhi, CA 95315.
Merced Campus

solutions, and radioactivity. The class is designed for students majoring in inorganic chemistry, atomic and molecular structure, states of matter. Minimum Grade C,P; This is an introduction to the general principles of 3.0 hours lab. Prerequisite: Take MATH-C, MATH-61 or MATH-62; Los Banos Campus

loading files. This course is 24 hours in duration. may also cover internet browsing, email, website navigation, and downloading files. This course is 24 hours in duration.

Los Banos Campus

Chemistry (CHEM)

CHEM-02A Introductory Chemistry 4.0 units: 3.0 hours lec, 3.0 hours lab. Prerequisite: Take MATH-C, MATH-61 or MATH-62; Minimum Grade C,P; 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 Campus

Business - Noncredit (BUSN) BUSN-749 Microcomputers & Business 0.0 units

This entry-level course is designed for the adult student who desires vocational training in the field of Technical Office Occupations. The course is project-based to develop student entry-level skill proficiency in using state of the art technology to solve problems. Various simulations reflective of real life experiences will be a major part of the instructional units. The course is 720 hours in duration and is open entry format.

Merced Off-Campus

BUSN-752 Introduction to Microcomputers 0.0 units

This course will introduce students to microcomputers and the Windows software environment. Students will learn to identify the components of desktop screens, learn to execute basic computer commands. The class may also cover internet browsing, email, website navigation, and downloading files. This course is 24 hours in duration.

Los Banos Campus

Chemistry (CHEM)

3.0 hours lec, 3.0 hours lab. Prerequisite: Take MATH-C, MATH-61 or MATH-62; Minimum Grade C,P; 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 Campus

BUSN-752 Introduction to Microcomputers 0.0 units

This course will introduce students to microcomputers and the Windows software environment. Students will learn to identify the components of desktop screens, learn to execute basic computer commands. The class may also cover internet browsing, email, website navigation, and downloading files. This course is 24 hours in duration.

Los Banos Campus

Chemistry (CHEM)

CHEM-02A Introductory Chemistry 4.0 units: 3.0 hours lec, 3.0 hours lab. Prerequisite: Take MATH-C, MATH-61 or MATH-62; Minimum Grade C,P; 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 Campus

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Los Banos Campus

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Los Banos Campus

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Merced Campus

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Los Banos Campus

Chemistry (CHEM)

CHEM-02A Introductory Chemistry 4.0 units: 3.0 hours lec, 3.0 hours lab. Prerequisite: Take MATH-C, MATH-61 or MATH-62; Minimum Grade C,P; 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 Campus

BUSN-752 Introduction to Microcomputers 0.0 units

This course will introduce students to microcomputers and the Windows software environment. Students will learn to identify the components of desktop screens, learn to execute basic computer commands. The class may also cover internet browsing, email, website navigation, and downloading files. This course is 24 hours in duration.
CHEM-02B Introductory Chemistry: Introduction to Organic & Biochemistry
4.0 units: 3.0 hours lec,
3.0 hours lab.Prerequisite: Take CHEM-02A; MATH-C or MATH-61 or MATH-62; Minimum grade C,P; This is a continuation of CHEM-02A with emphasis on organic and biochemistry. The structure, nomenclature, and properties of organic compounds such as alkanes, alkenes, arenes, alcohols, thiols, amines, aldehydes, ketones, carboxylic acids and their derivatives are covered. Structure, properties and reactions of biochemical compounds such as carbohydrates, proteins, and lipids are covered and followed through major and minor metabolic pathways. This course is intended for students in liberal studies, agriculture, and health-related fields. This course is not designed for chemistry or science majors.

Merced Campus
2411 M 08:00a-10:50a Weathers, A SCI-104
Comments: CONTACT: april.weathers@mccd.edu IN-CLASS SESSIONS: Lab; Mondays; 08:00a-10:50a; SCI-104. COMMENTS: 3 Lecture hours per week will be held online. Section 2411 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

CHEM-04A General Chemistry I
5.0 units: 3.0 hours lec,
6.0 hours lab.Prerequisite: Take CHEM-02A; Take MATH-C or MATH-61 or MATH-62. Minimum grade C,P; 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. It is designed for the student majoring in chemistry, physics, biology, engineering, pre-med, or related fields. A student who has not successfully completed the prerequisite of CHEM-02A but has completed a high school chemistry course with a grade of "B" or higher may consider submitting a prerequisite challenge.

Merced Campus
1144 MWF 11:00a-11:50a Weathers, A SCI-110
TTh 08:00a-10:50a Weathers, A SCI-107
Comments: Section 1144 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

CHEM-04B General Chemistry II
5.0 units: 3.0 hours lec,
6.0 hours lab.Prerequisite: Take CHEM-04A. Minimum grade C,P; This is a continuation of the general principles of chemistry, with emphasis on kinetics, chemical equilibria, thermodynamics, electrochemistry, nuclear chemistry and transition metal complexes. An introduction to the principles of organic chemistry is included. The lab provides the student with experience in quantitative and qualitative analysis.

Merced Campus
1150 MWF 10:00a-10:50a Tenn, B SCI-110
MW 11:00a-01:50p Tenn, B SCI-107
Comments: Section 1150 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

4200 TTh 12:30p-01:45p Khurana, S LB-B-105
TTh 02:00p-04:50p Khurana, S LB-B-105
Comments: Section 4200 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

CHEM-12A Organic Chemistry I
5.0 units: 3.0 hours lec,
6.0 hours lab.Prerequisite: Take CHEM-04B. Minimum grade C,P; This course is a study of the theory and practice of organic chemistry examining the bonding, structure, stereochemistry, nomenclature, properties, and reactions of hydrocarbons and organic halides. Addition, substitution, elimination, and rearrangement reactions are examined. Corresponding mechanisms and energy diagrams are included in the study. Nuclear magnetic resonance, infrared, ultra-violet and mass spectroscopy are introduced as structural elucidation techniques. The laboratory includes the study of organic laboratory techniques including the synthesis of organic compounds, separation, characterization, identification, purification, and the use of related instrumentation. This course is directed toward students in science and pre-professional preparation.

Merced Campus
1730 TTh 12:30p-01:45p Fregene, P SCI-202
MW 02:00p-04:50p Perrotta, R SCI-104
Comments: Section 1730 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

CHEM-12B Organic Chemistry II
5.0 units: 3.0 hours lec,
6.0 hours lab.Prerequisite: Take CHEM-12A. Minimum grade C,P; Advisory: ENGL-A. 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. Included is a further examination of the use of IR, NMR, GC, and Mass Spectroscopy in the identification of organic substances. In the laboratory portion of the course emphasis is placed on the reactions, synthesis, purification, characterization, spectroscopy, and qualitative tests of organic substances. This course is directed toward students in science and pre-professional preparation.

Merced Campus
1164 MWF 10:00a-10:50a Ventura, D SCI-204
TTh 08:00a-10:50a Ventura, D SCI-104
Comments: Section 1164 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

Child Development (CLDV)
CLDV-01 Child Growth and Development
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A; Minimum grade C,P; This introductory course examines the major physical, psychosocial, and cognitive/language developmental milestones for children, both typical and atypical, from conception through adolescence. There will be an emphasis on interactions between maturational processes and environmental factors. While studying developmental theory and investigative research methodologies, students will observe children, evaluate individual differences and analyze characteristics of development at various stages.

Online
2315 Brace, K Online
Comments: CONTACT: kirsty.brace@mccd.edu for course-specific questions.
CLDV-02 Child, Family and Community  
3.0 units: 3.0 hours lec.  
Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A; Minimum grade C,P; An examination of the developing child in a societal context which focuses on the interrelationships of family, school, and community and emphasizes historical and socio-cultural factors. The processes of socialization and identity development will be highlighted.

Online  
2321  
Comments: CONTACT: stacey.mccarrick@mccd.edu for course-specific questions.

Merced Campus  
1910  
TTh 09:30a-10:45a Soria, L  
AHC-128  
Comments: Section 1910 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2)syllabi 3) testing 4) research 5) assignments.

6011  
W 05:30p-08:20p Staff  
AHC-125  
Comments: Section 6011 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2)syllabi 3) testing 4) research 5) assignments.

Los Banos Campus  
8226  
T 05:30p-08:20p Oks, O  
LB-B-137  
Comments: Section 8226 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2)syllabi 3) testing 4) research 5) assignments.

CLDV-03 Principles and Practices of Teaching Young Children  
3.0 units: 3.0 hours lec.  
Prerequisite: Take 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. This course includes a review of the historical roots of early childhood programs and the evolution of the professional practices promoting advocacy, ethics, and professional identity.

Online  
2366  
Marquez-Ramirez, M  
Comments: CONTACT: martina.marquez-rami@mccd.edu for course-specific questions.

Merced Campus  
1657  
TTh 09:30a-10:45a McCarrick, S  
VOC-139  
Comments: Section 1657 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2)syllabi 3) testing 4) research 5) assignments.

1853  
MW 12:30p-01:45p Marquez-Ramirez, M  
AHC-128  
Comments: Section 1853 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2)syllabi 3) testing 4) research 5) assignments.

1854  
MW 09:30a-10:45a Befumo, A  
VOC-139  
Comments: Section 1854 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2)syllabi 3) testing 4) research 5) assignments.

6169  
W 05:30p-08:20p Snider, B  
VOC-139  
Comments: Section 6169 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2)syllabi 3) testing 4) research 5) assignments.

CLDV-04 Observation and Assessment  
3.0 units: 36.0 hours lec, 54.0 hours lab.  
Prerequisite: Take CLDV-03 OR Take CLDV-01; Minimum grade C,P; 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 Campus  
1857  
M 01:00p-02:50p Soria, L  
CDCM-16  
Comments: CONTACT: libby.soria@mccd.edu. IN-CLASS SESSIONS: Lecture - Mondays; 01:00p-02:50p; CDCM-16. COMMENTS: 3 hours of lab per week will be required, dates to be determined. Students should check their Merced College email for instructions from the professor on the first day of classes. Students must submit proof of state mandated immunization and negative TB Clearance to the instructor prior to placement in the lab. (SB792)

6112  
M 05:30p-07:20p Nunez, J  
CDCM-16  
Comments: CONTACT: jose.nunez873@mccd.edu. IN-CLASS SESSIONS: Lecture - Mondays; 05:30p-07:20p; CDCM-16. COMMENTS: 3 hours of lab per week will be required, dates to be determined. Students should check their Merced College email for instructions from the professor on the first day of classes. Students must submit proof of state mandated immunization and negative TB Clearance to the instructor prior to placement in the lab. (SB792)

CLDV-05 Health, Safety and Nutrition  
3.0 units: 3.0 hours lec.  
Prerequisite: Take ENGL-A or ENGL-85A or ENGL-85AC or ENGL-85E; Minimum grade C,P; This course is an introduction to laws, regulations, standards, policies and procedures as related to early childhood curriculum. The key components that ensure physical and mental health and safety for both children and staff will be identified; Specifically examining the importance of collaboration with families and health professionals. A focus of integrating the concepts of health, safety and nutrition applicable to daily planning and program development is explored.

Online  
2317  
Patton, M  
Comments: CONTACT: marvin.patton@mccd.edu for course-specific questions.

Merced Campus  
1337  
MW 11:00a-12:15p Brace, K  
VOC-139  
Comments: Section 1337 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2)syllabi 3) testing 4) research 5) assignments.
CLDV-06 Teaching in A Diverse Society
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-85A or ENGL-85AC or ENGL-85E; Minimum grade C,P; This course examines societal and personal attitudes, beliefs, values, assumptions and biases about culture, language, identity, family structures, ability, and socioeconomic status. Students will demonstrate strategies for helping children negotiate and resolve conflicts with a focus on using an anti-bias approach in the classroom.

Online
2343 Soria, L Online Comments: CONTACT: libby.soria@mccd.edu for course-specific questions.

Merced Campus
6114 T 05:30p-08:20p McCarrick, S IAC-123 Comments: Section 6114 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2)syllabi 3) testing 4) research 5) assignments.

Los Banos Campus
8234 W 05:30p-08:20p Rocha, J LB-B-134 Comments: Section 8234 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

CLDV-07 Introduction to Curriculum for the Young Child
3.0 units: 3.0 hours lec.
Prerequisite: Take CLDV-03 This course presents an overview of knowledge and skills related to providing appropriate curriculum and environments for young children. Students will examine the role of the teacher as a professional working with families, collaboration with interdisciplinary teams, and cultural competence.

Merced Campus
1313 W 01:00p-03:50p Brace, K CDCM-16 Comments: Section 1313 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2)syllabi 3) testing 4) research 5) assignments.

CLDV-07L Practicum
3.0 units: 18.0 hours lec, 108.0 hours lab. Prerequisite: Take CLDV-01, CLDV-02, CLDV-03, CLDV-04, CLDV-07 Minimum grade C,P. In this course the student will practice strategies for developmentally-appropriate practice based on observation and assessments across the curriculum: 1) academic content areas; 2) play, art, and creativity; and 3) development of social-emotional, communication, and cognitive skills.

Merced Campus
1879 MW 09:00a-12:20p Hefft, A CDCM-16 Comments: CONTACT: april.hefft@mccd.edu. Students must submit proof of state mandated immunization and negative TB Clearance to the instructor prior to placement in the lab. (SB792)

CLDV-09 Human Development
3.0 units: 3.0 hours lec.
Advisory: ENGL-A. 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
2314 Bluett-Murphy, V Online Comments: CONTACT: victoria.bluett-murp@mccd.edu for course-specific questions.

Los Banos Campus
8240 W 07:00p-09:50p Lemons, S LB-A-103 Comments: Section 8240 is a 9 week online class meeting from 1/13/20 through 3/13/20. CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

CLDV-11 Introduction to Curriculum & Strategies In Early Intervention
3.0 units: 2.0 hours lec, 3.0 hours lab. Prerequisite: Take CLDV-01; Minimum grade C,P. This course covers curriculum and early intervention strategies for working with children with special needs in partnership with their families. Focuses on the use of observation and assessment in meeting the individualized needs of children in inclusive and natural environments. Includes the role of the teacher as a professional working with families, collaboration with interdisciplinary teams, and cultural competence.

Merced Campus
1139 W 05:00p-06:50p Brace, K TCC-2 Comments: CONTACT: kirsty.brace@mccd.edu. IN-CLASS SESSIONS: Lecture - Mondays; 05:00p-06:50p; TCC-2. COMMENTS: 3 hours of lab per week will be required, dates to be determined. Students should check their Merced College email for instructions from the professor on the first day of classes.
Students must submit proof of state mandated immunization and negative TB Clearance to the instructor prior to placement in the lab. (SB792)

**CLDV-24 Work Experience in Child Development**

1.0 units

This course enables students to earn college credit for learning or improving skills or knowledge on-the-job. Occupational Work Experience is discipline-specific and must connect to the student's major or occupational goal(s). Seventy-five (75) hours of documented paid work experience equals 1 unit of credit. Sixty (60) hours of documented volunteer experience equals 1 unit of credit. A student may enroll in up to 16 total units of work experience at Merced College. Students must have an established work site prior to enrolling in the course.

**Merced Campus**

3121 - Cruthird, A

Comments: This course has a MANDATORY ORIENTATION. Please see the Work Experience Webpage for orientation dates: http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html. This 1 unit course is designed for students who will work 60 volunteer or 75 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

3122 - Cruthird, A

Comments: This course has a MANDATORY ORIENTATION. Please see the Work Experience Webpage for orientation dates: http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html. This 2 unit course is designed for students who will work 120 volunteer or 150 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

3123 - Cruthird, A

Comments: This course has a MANDATORY ORIENTATION. Please see the Work Experience Webpage for orientation dates: http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html. This 3 unit course is designed for students who will work 180 volunteer or 225 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

3124 - Cruthird, A

Comments: This course has a MANDATORY ORIENTATION. Please see the Work Experience Webpage for orientation dates: http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html. This 4 unit course is designed for students who will work 240 volunteer or 300 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

**Los Banos Campus**

3185 - Coahran, S

Comments: This course has a MANDATORY ORIENTATION. Please see the Work Experience Webpage for orientation dates: http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html. This 1 unit course is designed for students who will work 60 volunteer or 75 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

**CLDV-30 Infant and Toddler Development**

3.0 units: 3.0 hours lec.

Prerequisite: Take CLDV-01; Minimum Grade C,P; A study of infants and toddlers from pre-conception to age three including physical, cognitive, language, social, and emotional growth and development. Applies theoretical frameworks to interpret behavior and interactions between heredity and environment. Emphasizes the role of family and relationships in development.

**Merced Campus**

1911 TTh 12:30p-01:45p Marquez-Ramirez, M CDCM-16
Comments: Section 1911 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2)syllabi 3) testing 4) research 5) assignments.

**CLDV-30D School-Age Curriculum**

2.0 units: 2.0 hours lec.

This course is designed to help Early Childhood Education students and practicing child care professionals create developmentally appropriate curriculum ideas for children in school-age programs, ages 5-12 years old. Students will do hands-on work with materials.

**Merced Campus**

6065 M 06:00p-07:50p Snider, B IAC-122
Comments: Section 6065 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2)syllabi 3) testing 4) research 5) assignments.

**CLDV-37 Adult Supervision and Mentoring in Early Care and Education**

2.0 units: 2.0 hours lec.

Advisory: CLDV-01 or ENGL-01A. This course is a study of the methods and principles of supervising student teachers, volunteers, staff, and other adults in early care and education settings. Emphasis is on the roles and development of early childhood professionals as mentors and leaders.
CLDV-65A Language and Literacy for Young Children

1.0 units: 18.0 hours lec.

This course is designed to introduce and apply the California Preschool Learning Foundations and Framework in the area of Language and Literacy. This course will guide teachers to visualize and consider how research and practices are appropriately implemented in Transitional Kindergarten (TK) and other early childhood preschool classrooms. Students will learn developmentally appropriate strategies providing children active learning experiences in language and literacy; including oral, writing and reading strategies.

Online

2955  Soria, L  Online

Comments: CONTACT: libby.soria@mccd.edu Section 2955 is a hybrid class.

All sections listed below require a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

College (COLL)

COLL-10 First Year Seminar

3.0 units: 3.0 hours lec.

This multidisciplinary course provides first time college students with the habits of mind necessary to develop lifelong problem-solving abilities in their academic, social, and personal lives. This course introduces critical thinking, information literacy, higher education resources, and motivating factors for college success.

Merced Campus

1035  TTh  08:00a-09:15a  Casey, R  VOC-38
1058  MW  12:00p-01:15p
1059  TTh  02:00p-03:15p

Communication Studies (COMM)

COMM-01 Fundamentals of Speech

3.0 units: 3.0 hours lec.

Prerequisite: Take ENGL-85A or ENGL-85AC or ENGL-85E. Minimum grade C,P. 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. The focus will be on researched speeches to inform and persuade. Students will learn developmentally appropriate strategies providing children active learning experiences in language and literacy; including oral, writing and reading strategies.

Merced Campus

1214  TTh  02:00p-03:15p  Mason, A  IAC-120
1224  MWF  08:00a-08:50a  Amarillas, M  IAC-120
1328  MWF  11:00a-11:50a  Amarillas, M  IAC-109
1329  MWF  09:00a-09:50a  Amarillas, M  IAC-120
1769  MWF  01:00p-01:50p  Bonstein, J  IAC-120
1773  TTh  09:30a-10:45a  Bonstein, J  IAC-120
1774  MWF  10:00a-10:50a  Bonstein, J  IAC-120
1775  TTh  12:30p-01:45p  Young, J  IAC-120
1777  MWF  12:00p-12:50p  Ward, M  IAC-120
1818  MW  03:30p-04:45p  Young, J  IAC-120
1849  TTh  03:30p-04:45p  Mason, A  IAC-120
6016  T  05:30p-08:20p  Mason, A  IAC-121
6097  Th  05:30p-08:20p  Bonstein, J  IAC-120

Los Banos Campus

4242  MWF  09:00a-09:50a  LB-B-135
4244  TTh  02:00p-03:15p  LB-B-136
8244  T  05:30p-08:20p  LB-B-135

COMM-02 Oral Interpretation

3.0 units: 3.0 hours lec.

Prerequisite: ENGL-85AC or ENGL-85E. Minimum grade C, P. 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. All sections listed below require a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

Merced Campus

1246  MWF  11:00a-11:50a  Bonstein, J  IAC-120

COMM-04 Small Group Discussion & Problem Solving

3.0 units: 3.0 hours lec.

Prerequisite: ENGL-85AC or ENGL-85E. Minimum grade C, P. This is a course designed to help students develop critical thinking and oral presentation skills for communicating and working together on small group tasks. Emphasis is placed on problem-solving, reasoning, conflict resolution, and leadership.

All sections listed below require a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

Merced Campus

1013  TTh  08:00a-09:15a  Ward, M  IAC-121
1015  MWF  12:00p-12:50p  Hobbs, L  IAC-121
1110  TTh  03:30p-04:45p  Young, J  IAC-121
1760  TTh  09:30a-10:45a  Ward, M  IAC-121
1782  MWF  01:00p-01:50p  Staff, M  IAC-121
1784  TTh  12:30p-01:45p  Bonstein, J  IAC-108
1965  MWF  11:00a-11:50a  Hobbs, L  IAC-121
6043  M  05:30p-08:20p  Young, J  IAC-121

Los Banos Campus

4248  MWF  11:00a-11:50a  LB-B-135

COMM-05 Interpersonal Communication

3.0 units: 3.0 hours lec.

Prerequisite: ENGL-85AC or ENGL-85E. Minimum grade C, P. The focus of this course is to examine successful verbal and nonverbal communication in interpersonal relationships. Communication theory and skills will be investigated in order to help students interact more effectively in personal and professional relationships.

All sections listed below require a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

Merced Campus

1028  TTh  02:00p-03:15p  Young, J  IAC-121
1225  TTh  11:00a-12:15p  Hobbs, L  IAC-121
1762  MWF  01:00p-01:50p  Ward, M  IAC-109
1778  MWF  09:00a-09:50a  Ward, M  IAC-121
1779  MWF  02:00p-02:50p  Staff, M  IAC-121
1798  MWF  03:00p-03:50p  Staff, M  IAC-121
2419  T  12:30p-01:45p  Hobbs, L  IAC-121

Comments: Section 2419 is a hybrid class and will require 1.5 hours lecture online per week.

6037  W  05:30p-08:20p  Ward, M  IAC-121

Los Banos Campus

4250  TTh  12:30p-01:45p  LB-B-136

COMM-30 Introduction to Intercultural Communication

3.0 units: 3.0 hours lec.

Prerequisite: ENGL-85A or ENGL-85AC or ENGL-85E. Minimum grade C, P. 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. This class will assist in the understanding and evaluation of
barriers to communicating with people from other cultures, which include ethnocentrism, prejudice, and lack of awareness. All sections listed below require a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

**Merced Campus**

1781 MWF 10:00a-10:50a Hobbs, L IAC-121

**Computer Science (CPSC)**

**CPSC-01 Introduction to Computer Information Systems**

4.0 units: 3.0 hours lec, 3.0 hours lab. An introduction to the basics of computing systems, impact of computers on our society, and the future of computing. Focus on using applications, algorithm design, programming basics, database management systems, networking, ethics and security, information systems, internet and web technologies, and computer systems hardware and software components. Application of these concepts and methods through hands-on projects developing computer-based solutions to problems.

**Online**

2311 Comenc R Online
Comments: CONTACT: ronan.comenc@mccd.edu ORIENTATION: MANDATORY - Friday January 17, 2020; 05:30p-07:20p; VOC-113. COMMENTS: Students who do not attend the mandatory orientation will be dropped.

**Merced Campus**

2340 TTH 05:30p-06:45p Celly, B VOC-113
Comments: CONTACT: bhrigu.celly@mccd.edu IN-CLASS SESSIONS: Lecture: Tuesdays and Thursdays; 05:30p-06:45p; VOC-113. COMMENTS: 3 lab hours will be online.

2370 TTH 03:30p-04:45p VOC-113
Comments: CONTACT: bhrigu.celly@mccd.edu IN-CLASS SESSIONS: Lecture: Tuesdays and Thursdays 03:30p-04:45p; VOC-113. COMMENTS: 3 lab hours will be online.

**Los Banos Campus**

8252 MW 07:00p-09:50p LB-A-108
MW 07:00a-09:50p LB-A-108
Comments: Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

**CPSC-05A Application Development and Programming**

3.0 units: 2.0 hours lec, 3.0 hours lab. An introduction to the fundamental concepts and models of application development including the basic concepts of program design, data structures, programming, problem solving, programming logic, and fundamental design techniques for event-driven programs. Hands-on experience with a modern application programming language and development platform.

**Merced Campus**

1119 TTh 10:30a-11:30a Celly, B VOC-113
TTh 11:30a-12:45p Celly, B VOC-113
Comments: Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

**CPSC-06 Programming Concepts & Methodology I**

3.0 units: 2.0 hours lec, 3.0 hours lab. Prerequisite: Take MATH-C or MATH-61; Minimum grade C,P; 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. Topics include methodologies for program design, development, style, testing, and documentation; algorithms, control structures, methods, and elementary data structures. These skills will be used to solve a variety of application problems.

**Merced Campus**

1165 TTh 01:00p-02:00p Celly, B VOC-113
TTh 02:00p-03:15p Celly, B VOC-113
Comments: Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

2329 W 05:30p-07:20p VOC-113
Comments: CONTACT: bhrigu.celly@mccd.edu IN-CLASS SESSIONS: Lecture - Wednesdays; 05:30p-07:20p; VOC-113. COMMENTS: 3 lab hours will be online.

2414 M 03:00p-04:50p VOC-113
Comments: CONTACT: kanemoto.k@mccd.edu IN-CLASS SESSIONS: Lecture - Mondays; 01:00p-02:50p; VOC-113. COMMENTS: 3 lab hours will be online.

**CPSC-18 Drone Technology II**

3.0 units: 2.0 hours lec, 3.0 hours lab. Prerequisite: Take CPSC-06 or ENGR-14 or CPSC-14; Minimum grade C,P; This class covers drone technology data acquisition and analysis. Several different sensors and data analysis applications will be utilized.

**Merced Campus**

6066 M 05:10p-07:10p Kanemoto, K VOC-113
M 07:10p-10:00p Kanemoto, K VOC-113
Comments: Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

**CPSC-39 Programming Concepts and Methodology II**

4.0 units: 3.0 hours lec, 3.0 hours lab. Prerequisite: Take CPSC-06 or ENGR-14 or MATH-14; Minimum grade C,P; This course is a continuation course in Computer Science which introduces further aspects of software design and implementation. Abstract data types, fundamental data structures and associated algorithms: lists, stacks, queues and trees. Students will be expected to design, implement, test and analyze a number of programs.

**Merced Campus**

2390 TTh 08:00a-09:15a Kanemoto, K VOC-113
Comments: CONTACT: kanemoto.k@mccd.edu IN-CLASS SESSIONS: Lecture - Mondays and Wednesdays; 08:00a-09:15a; VOC-113. COMMENTS: 3 lab hours will be online.

**CPSC-42 Computer Architecture and Organization**

3.0 units: 2.0 hours lec, 3.0 hours lab. Prerequisite: Take CPSC-06 or ENGR-14 or MATH-14; Minimum Grade C, P; The organization and behavior of real computer systems at the assembly-language level. The mapping of statements and constructs in a high-level language onto sequences of machine instructions is studied, as well as the internal representation of simple data types and structures. Numerical computation is examined, noting the various data representation errors and potential procedural errors.

**Merced Campus**

1191 MW 10:30a-11:30a Kanemoto, K VOC-113
MW 11:30a-12:45p Kanemoto, K VOC-113
Comments: Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

**Cooperative Education (COOP)**

**COOP-41BRN Coop Ed Registered Nursing**

1.0 units
This course enables students to earn college credit for learning and/or improving skills or knowledge on-the-job. Occupational Work Experience is discipline specific and must connect to the student's major or occupation goal(s). Seventy-five (75) hours of documented paid work experience equals 1 unit of credit. Sixty (60) hours of documented volunteer experience equals 1 unit of credit. A student may enroll in up to 16 total units of credit.
work experience at Merced College. Students must have an established work site prior to enrolling in the course.

**Merced Campus**

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<tbody>
<tr>
<td>CRIM-01 Criminology</td>
<td>1167</td>
<td>MW</td>
<td>12:30-1:45p</td>
<td>Johnson, M</td>
<td>TCC-1</td>
</tr>
<tr>
<td>CRIM-02 Introduction to Criminal Justice</td>
<td>1069</td>
<td>TTh</td>
<td>09:30-10:45a</td>
<td>Jackson, R</td>
<td>TCC-2</td>
</tr>
<tr>
<td>CRIM-03 Criminal Procedures</td>
<td>1169</td>
<td>TTh</td>
<td>11:00a-12:15p</td>
<td>Johnson, M</td>
<td>TCC-1</td>
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<tr>
<td>CRIM-04 Criminal Law</td>
<td>1968</td>
<td>TTh</td>
<td>02:00-03:15p</td>
<td>Noblett, D</td>
<td>TCC-1</td>
</tr>
<tr>
<td>CRIM-05 Community &amp; Human Relations</td>
<td>1170</td>
<td>MW</td>
<td>11:00a-12:15p</td>
<td>Jackson, R</td>
<td>TCC-1</td>
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<tr>
<td>CRIM-06 Introduction to Evidence</td>
<td>7129</td>
<td>W</td>
<td>05:00-07:50p</td>
<td>Staff, M</td>
<td>CCWF-MISC</td>
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**Los Banos Campus**

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<th>Course</th>
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<tr>
<td>CRIM-01 Criminology</td>
<td>8272</td>
<td>MW</td>
<td>05:30-06:45p</td>
<td>Singh, R</td>
<td>LB-B-107</td>
</tr>
<tr>
<td>CRIM-02 Introduction to Criminal Justice</td>
<td>8274</td>
<td>T</td>
<td>07:00-09:50p</td>
<td>Singh, R</td>
<td>LB-B-106</td>
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**Delhi**

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<th>Course</th>
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</tr>
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<tbody>
<tr>
<td>CRIM-01 Criminology</td>
<td>7702</td>
<td>W</td>
<td>03:00-05:50p</td>
<td>Hilliard, D</td>
<td>DELH-J4</td>
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**Chowchilla**

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<tr>
<th>Course</th>
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<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRIM-01 Criminology</td>
<td>7129</td>
<td>W</td>
<td>05:00-07:50p</td>
<td>Staff, M</td>
<td>CCWF-MISC</td>
</tr>
</tbody>
</table>
Courses with this icon have course materials that are free of charge and therefore not required to be purchased.

CRIM-08  Introduction to Investigation
3.0 units: 3.0 hours lec.
Prerequisite: Take CRIM-02; Minimum grade C,P;
This course covers the fundamentals of investigation; techniques procedures, and ethical issues of investigation of crime, including organization of the investigative process, crime scene searches, recording, collection, and preservation of physical evidence, interviewing and interrogating, surveillance, source of information, utility of evidence, scientific analysis of evidence and the role of the investigator in the trial process.

Merced Campus
1838  MW  11:00a-12:15p Noblett, D  TCC-2
Comments: Section 1838 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

Los Banos Campus
8276  T  05:30p-08:20p Hilliard, D  LB-B-107
Comments: Section 8276 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

CRIM-10  Writing for Criminal Justice
3.0 units: 3.0 hours lec.
Prerequisite: Take CRIM-02 and CRIM-04. Minimum Grade C,P.
This course is a study of general medical terminology addressed.

Merced Campus
1171  TTh  12:30p-1:45p Johnson, M  TCC-2
Comments: Section 1171 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

CRIM-11  Introduction to Corrections
3.0 units: 3.0 hours lec.
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. A Critical examination of the types of Correctional Institutions and the clients housed in each institution are addressed.

Merced Campus
1589  MW  08:00a-09:15a Ramirez, J  TCC-1
Comments: Section 1589 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

CRIM-24  Work Experience in Criminology
1.0 units: 1.0 hours lec.
Advisory: ENGL-A. 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.

Merced Campus
3129  -  Wegner, M
Comments: This course has a MANDATORY ORIENTATION. Please see the Work Experience Webpage for orientation dates: http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work40-class.html. This 1 unit course is designed for students who work 60 volunteer or 75 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

CRIM-33  Violence in the Family
3.0 units: 3.0 hours lec.
Advisory: ENGL-A. This course examines criminal law and the psycho-socio dynamics of child abuse, elder abuse, spousal abuse, and sexual assault.

Merced Campus
1014  MW  02:00p-03:15p Joseph, S  TCC-1
Comments: Section 1014 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

CRIM-35  Narcotics
3.0 units: 3.0 hours lec.
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 Campus
1751  M  02:00p-04:50p Framstad, R  TCC-2
Comments: Section 1751 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.
CRIM-37 Communication and Ethics In Law Enforcement

3.0 units: 3.0 hours lec.
This course covers the ethical issues created by the congruent and incongruent match of criminal justice philosophy and law enforcement practice. Effective communication styles for courtroom, testimony, interrogation, and verbal judo will be examined, evaluated, and practiced.

Merced Campus
1062 MW 09:30a-10:45a Jackson, R TCC-2
Comments: Section 1062 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

CRIM-42D Reserve Officer Module Level 2

10.0 units: 162.0 hours lec,
54.0 hours lab.Prerequisite: Take CRIM-42C. Minimum grade C.P.This course satisfies the Level 2 Modular Format Basic Course training requirements of the Commission on Peace Officer Standards and Training (POST). It covers community relations, victimology, crisis intervention, property crimes, crimes against persons, general criminal statutes, laws of arrest, laws of search and seizure, presentation of evidence, investigative report writing, use of force, patrol techniques, vehicle pullovers, crimes in progress, traffic enforcement, unusual occurrences, preliminary investigation, arrest and control methods—including baton, firearms, chemical agents, persons with disabilities, crimes against the justice system, weapons violations, hazardous materials, cultural diversity and discrimination issues. Students missing more than 5% of class time will not be allowed to complete the class (POST regulations). This course is repeatable 2 times.

Merced Campus
9163 TTh 06:00p-09:50p Noblett, D TCC-1
SSu 08:00a-04:50p Noblett, D TCC-1
Comments: Section 9163 is held 01/14/20 to 04/30/20. Section 9163 requires 149 hours by arrangement and will meet on Saturdays and Sundays: 08:00a-04:50p to include a 30 minute lunch break; dates to be announced. Section 9163 requires a $322 fee for materials and ammunition.

Crop Production (CROP)

CROP-12 Commerical Vegetable & Garden Production

3.0 units: 2.0 hours lec,
3.0 hours lab.Advisories: ENGL-A; MATH-80. 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. A field trip into a major vegetable production region is required.

Merced Campus
6056 M 05:10p-10:00p Geyer, R PS-1
Comments: Web Component which will require you to have internet access.

CROP-13 Forage Crops

3.0 units: 2.0 hours lec,
3.0 hours lab.This course will cover production, harvesting, and utilization of principal California forage crops. The importance of forage crops as a supplement to livestock enterprises will also be covered. The use of forage crops as soil amendments, and irrigated and range pastures will be discussed.

Merced Campus
6058 Th 05:10p-10:00p Mast, J AG-11

Dairy Husbandry (DAIR)

DAIR-10 Elements of Dairy

3.0 units: 2.0 hours lec,
3.0 hours lab.Advisories: ENGL-A. This is a study of history, development, and projections of the dairy industry. General information on the economics of dairying, facts, trends, selection, culling, fitting, showing, judging, pedigrees, feeding, and basic management skills will be learned and also information on employment opportunities and requirements.

Merced Campus
1614 TTh 01:00p-01:50p Maddux, M AG-10
T 02:00p-04:50p Maddux, M AG-11
Comments: Web Component which will require you to have internet access.

Diagnostic Medical Sonography (SONO)

SONO-45A Integrative Study in Sonography

2.0 units: 2.0 hours lec.
This course enables students to earn college credit for learning and/or improving skills or knowledge on-the-job. Occupational Work Experience is discipline specific and must connect to the student’s major or occupational goal(s). Seventy-five (75) hours of documented paid work experience equals 1 unit of credit. Sixty (60) hours of documented volunteer experience equals 1 unit of credit. A student may enroll in up to 16 total units of work experience at Merced College. Students must have an established work site prior to enrolling in the course.

Merced Campus
1076 W 12:00p-01:50p Zelinsky, C AHC-157

SONO-45B Clinical Experience IV

9.0 units:
28.0 hours lab.Prerequisite: Take SONO-45C This course provides clinical experience for application of theoretical principles and concepts covered in previous and current didactic coursework. Clinical experience in patient care and handling, scanning techniques, instrumentation, work efficiency and image evaluation of basic vascular sonography is provided. Clinical experience in abdominal, obstetric and gynecological, and superficial structures imaging is also provided.

Merced Off-Campus
1078 - Zelinsky, C
Comments: Section 1078 requires 504 hours by arrangement.

SONO-45C Basics of Vascular Sonography

2.0 units: 1.5 hours lec,
1.5 hours lab.Prerequisite: Take SONO-45B This course covers basic positioning and scanning protocol of the vascular system. Vascular terminology specific to the hemodynamics of the arterial venous and cerebrovascular application will be presented. Normal, abnormal, and pathologic states of the human vascular system with emphasis on the external carotid system and the venous systems of the lower extremities will be included. The laboratory component of this course will include demonstration and scanning exercises to provide a "live lab" experience in conducting basic vascular procedures.

Merced Campus
1713 W 08:00a-09:15a Zelinsky, C AHC-157
W 10:00a-11:15a AHC-157

Drafting Technology (DRFT)

DRFT-04D Advanced Parametric Modeling

3.0 units: 36.0 hours lec,
54.0 hours lab.Prerequisite: Take DRFT-04C; minimum grade c.p. 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 Campus
9123 MTWTh 08:00a-09:15a Thornburgh, J VOC-40
MTWTh 09:25a-11:25a Thornburgh, J VOC-40
Comments: Section 9123 is held from 02/24/20 to 04/02/20. Web Component which will require you to have internet access.

9172 MTWTh 08:00a-09:15a Thornburgh, J VOC-40
MTWTh 09:25a-11:25a Thornburgh, J VOC-40
Comments: Section 9172 is held from 02/24/20 to 04/02/20. This is a learning community and requires registering in DRFT-
DRFT-05 Technical Graphics
3.0 units: 36.0 hours lec,
54.0 hours lab. Prerequisite: Take DRFT-04A or DRFT-04C; Minimum grade C. 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 Campus
9169 MTWTh 08:00a-09:25a Thornburgh, J VOC-40
MTWTh 09:30a-11:50a Thornburgh, J VOC-40
Comments: Section 9169 is held from 01/13/20 to 02/20/20. This is a learning community and requires registering in DRFT-05-9169, DRFT-10-9173, DRFT-25-9170, DRFT-35-9174, DRFT-04D-9172. Web Component which will require you to have internet access.

9274 MTWTh 08:00a-09:25a Thornburgh, J VOC-40
MTWTh 09:30a-11:50a Thornburgh, J VOC-40
Comments: Section 9274 is held from 01/13/20 to 02/20/20. Web Component which will require you to have internet access.

DRFT-10 Rendering and Animation
3.0 units: 36.0 hours lec,
54.0 hours lab. 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 Campus
9173 MTWTh 12:20p-01:35p Thornburgh, J VOC-40
MTWTh 01:45p-03:50p Thornburgh, J VOC-40
Comments: Section 9173 is held from 04/6/20 to 05/21/20. This is a learning community and requires registering in DRFT-05-9169, DRFT-10-9173, DRFT-25-9170, DRFT-35-9174, DRFT-04D-9172. Web Component which will require you to have internet access.

9275 MTWTh 12:20p-01:35p Thornburgh, J VOC-40
MTWTh 01:45p-03:50p Thornburgh, J VOC-40
Comments: Section 9275 is held from 04/6/20 to 05/21/20. Web Component which will require you to have internet access.

DRFT-25 Descriptive Geometry
3.0 units: 36.0 hours lec,
54.0 hours lab. Prerequisite: Take DRFT-04A and DRFT-05; Minimum grade C. This course involves the use of computer-aided drafting and hand sketching to solve problems and communicate ideas. The course is an introduction to descriptive geometry as it applies to the communication skills of reading prints. The student will become familiar with industrial prints, industry standards, and current practices. There will be a basic coverage of sketching as it applies to the communication skills of reading prints.

Merced Campus
9170 MTWTh 12:20p-01:35p Thornburgh, J VOC-40
MTWTh 01:40p-03:45p Thornburgh, J VOC-40
Comments: Section 9170 is held from 02/25/19 to 04/19/19. This is a learning community and requires registering in DRFT-05-9169, DRFT-10-9173, DRFT-25-9170, DRFT-35-9174, DRFT-04D-9172. Web Component which will require you to have internet access.

9276 MTWTh 12:20p-01:35p Thornburgh, J VOC-40
MTWTh 01:40p-03:45p Thornburgh, J VOC-40
Comments: Section 9276 is held from 02/24/20 to 04/02/20. Web Component which will require you to have internet access.

DRFT-35 Capstone Design Project
3.0 units: 36.0 hours lec,
54.0 hours lab. Prerequisite: Take DRFT-10.

Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
nication is covered as a presentation of ideas through drawings.

Drama (DRAM)

DRAM-01 Introduction to Theater
3.0 units: 3.0 hours lec.
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 Campus
9119 MTWTh 01:00p-02:25p Thornburgh, J VOC-40
MTWTh 02:30p-04:50p Thornburgh, J VOC-40
Comments: Section 9119 is held from 01/13/20 to 02/20/20. This is a learning community and requires registering in WELD-06-9164, WELD-07-9011, WELD-40A-9012, WELD-40B-9013, WELD-46-9014, and DRFT-59-9119. Web Component which will require you to have internet access.

9408 MTWTh 01:00p-02:25p Thornburgh, J VOC-40
MTWTh 02:30p-04:50p Thornburgh, J VOC-40
Comments: Section 9408 is held from 01/13/20 to 02/20/20. Web Component which will require you to have internet access.

DRAM-02 Rehearsal and Performance
2.0 units: 18.0 hours lec.
54.0 hours lab.Prerequisite: Take DRAM-02L This course focuses on preparing students for the practical application of reheasal techniques, play promotion, and production towards public performance using a different work or genre for each subsequent offering. Stage management, direction, rehearsal procedures, and marketing skills are stressed. Because a different work or genre is explored in each subsequent offering, the course may be repeated three times.

Merced Campus
1075 MWF 12:00p-12:50p McCue-Bryx, L ART-1
Comments: DRAM-01 requires theater attendance at the student's expense.
1421 TTh 12:30p-01:45p McCue-Bryx, L IAC-145
Comments: DRAM-01 requires theater attendance at the student's expense.

DRAM-02L Rehearsal and Performance Lab
1.0 units:
3.0 hours lab. This course is the lab only portion of Rehearsal and Performance. This course is intended for stage running crew and additional actor in minor roles only. This course may be repeated three times. This course is available for 54 hours of "To Be Arranged" a semester.

Merced Campus
9205 TTh 05:00p-05:50p McCue-Bryx, L THTR-STG
Comments: Section 9205 is held from 1/21/2020 to 3/5/2020. Auditions will be held 1/21/2020 to 3/20/2020. Registration NOT allowed before first night of class. Students registering for DRAM-02-9205 must also register for DRAM-02L-9206.

DRAM-12 Acting I
3.0 units: 2.0 hours lec.
3.0 hours lab. This course is designed to serve the needs of the beginning student in acting. Emphasis will be on stage techniques and character development for stage performance. The development of scene repertoire is also studied by choosing scenes to be memorized from various periods of dramatic literature. Critical evaluation, demonstration, and written reviews are required.

Economics (ECON)

ECON-01 Introduction to Microeconomics
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85C or ENGL-85E or ENGL-A or ENGL-01A and MATH-81; Minimum Grade C,P ECON-01 is an introductory course in microeconomic theories including maximization, benefit versus cost, rational choice, the analysis of demand and supply, the role of price in free markets, consumer behavior, market structure, production cost, competitive business models, and resource pricing. The course examines the nature of production, distribution, market outcomes, and the role of government in the market.

Online
2302 Carter, J Online Comments: CONTACT: john.carter1767@mccd.edu
2364 Carter, J Online Comments: CONTACT: john.carter1767@mccd.edu

ECON-02 Introduction to Macroeconomics
3.0 units: 3.0 hours lec.
Prerequisite: Complete each group: Group 1: ECON-01 or AGBS-11; Group 2: ENGL-85 or ENGL-85A or ENGL-85C or ENGL-85E or ENGL-A or ENGL-01A. Group 3: MATH-81 MATH-88 MATH-62 MATH-61 or MATH-C; Minimum Grade C,P 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.

Online
2400 Carter, J Online Comments: CONTACT: john.carter1767@mccd.edu

Los Banos Campus
4312 TTh 09:30a-10:45a McNally, T LB-B-107
Merced Off-Campus

EDU-111 Reading & Computers II
0.0 units
288-324 hours open entry format. This course is best suited for adult learners at third grade reading and vocabulary level up to approximately sixth grade level who require individual attention and reinforcement while reviewing basic phonics, improve reading, spelling, and vocabulary skills. The student can learn at his/her own rate of speed with computer assisted instruction.

Merced Off-Campus

EDU-112A Skills Acquisition for Student Success - General
0.0 units
This course can be taken by enrolled credit students for a minimum of 180 and a maximum of 540 hours per term. The course provides a supervised learning experience for students who can benefit from individualized instruction in study skills and study habits in a laboratory setting. The study skills and study habits learned depend on the needs of the individual students and include communication/literacy skills, quantitative reasoning skills, critical thinking skills, educational computer applications, knowledge of college resources, and application of composition skills across the curriculum.

Merced Campus
5003 - Estrella, C
5008 - Alvernaz, B
Los Banos Campus
5007 - Mingua-Lopstain, D

EDU-112C Skills Acquisition for Student Success - Allied Health
0.0 units
This course is designed to provide students the opportunity to improve and enhance their allied health skills through any number of training exercises that assist in the clinical development of and reinforcement of the practical allied health skills. The course is in a lab setting enriched with a resource library, manikins (for skills practice), and computer stations. Course duration is 8-36 hours. Open Entry.

Merced Campus
5009 - Richards, J
5010 - Donnelly, S

EDU-508 Mature Driver Improvement
0.0 units
This course is designed primarily for drivers age 55 and older. Students receive classroom instruction on driving safety, road courtesy, improving driving performance, and safe driving techniques for emergencies. This course is 8 hours in duration.

Los Banos Campus
5637 F 08:30a-04:30p Lara, L
5638 Th 08:30a-04:30p Lara, L

Electricity/Electronics Tech (ELCT)

ELCT-30 Exploring the World of Electricity and Electronics
3.0 units: 36.0 hours lec.
This is an overview of electricity and electronics presented in the context of the principles of science. Students will gain an understanding of electronic components and circuits and will learn how to use the scientific method to investigate the physical nature of electricity, magnetism and their applications. Topics such as electronics in biotechnology, communications, consumer electronics, and industrial technology will be addressed, along with the impact and context of the electronic age on modern society.

Merced Campus
1312 M 01:00p-03:50p Hamilton, A AG-10
Comments: Web component which required you to have internet access.
1608 TTh 01:00p-02:15p Hamilton, A AG-10
Comments: Web component which will require you to have internet access.

ELCT-34 Digital Logic Circuits & Systems
3.0 units: 36.0 hours lec.
54.0 hours lab. 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 Campus
9132 MTWTh 01:00p-05:05p Coate, D VOC-42
Comments: Section 9132 is held from 01/13/20 to 02/20/20.
This is a learning community and requires registering in ELCT-51B-9260, AND AOM-30.
9284 MTWTh 01:00p-05:05p Coate, D VOC-42
Comments: Section 9284 is held from 01/13/20 to 02/20/20.
This is a learning community and requires registering in ELCT-34-9261, ELCT-36-9262, ELCT-40C-9284, ELCT-40D-9259, ELCT-51B-9260, AND AOM-30.

ELCT-36 Networking Topologies & Cabling
3.0 units: 36.0 hours lec.
54.0 hours lab. This course is designed to provide the student with information and knowledge to prepare for the industry-standard Building Industry Consulting Service International (BICSI) Register installer. Level I exam, and employment as a telecommunications cabling installer. Students will gain an understanding of the cable industry, U.S. and international standards, basic networking, signal transmission, copper cabling, fiber optics, installation, safety, structured cabling system basics, cable management, cable testing, and emerging technologies. Students will also be prepared to read network design documentation, architectural blueprints, set up parts lists, purchase components, pull and mount cable, choose wiring closets, install jacks, and perform cable testing. This course is repeatable three times.

Merced Campus
9262 MTWTh 12:20p-03:45p Coate, D VOC-42
Comments: Section 9262 is held from 02/24/20 to 04/02/20.
This is a learning community and requires registering in ELCT-34-9132, ELCT-36-9262, ELCT-40C-9284, ELCT-40D-9259, ELCT-51B-9260, AND AOM-30.
9282 MTWTh 12:20p-03:45p Coate, D VOC-42
Comments: Section 9282 is held from 02/24/20 to 04/02/20.
ELCT-40C Routing and Switching in the Enterprise
3.0 units: 36.0 hours lec,
54.0 hours lab.Prerequisite: Take CPSC-40B or ELCT-40B; Minimum grade C,P; 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. It also introduces advanced routing protocols such as Enhanced Interior Gateway Routing Protocol (EIGRP) and Open Shortest Path First (OSPF) Protocol. Hands-on exercises include configuration, installation, and troubleshooting of multi-router systems.

Merced Campus
9284 MTWTh 08:00a-12:05p Coate, D VOC-42 Comments: Section 9284 is held from 01/13/20 to 02/20/20.
9432 MTWTh 08:00a-12:05p Coate, D VOC-42 Comments: Section 9432 is held from 01/13/20 to 02/20/20.

ELCT-40D Designing and Supporting Computer Networks
3.0 units: 36.0 hours lec,
54.0 hours lab.Prerequisite: Take ELCT-40C. Minimum grade C,P; This course introduces students to network design processes using two examples; a large stadium enterprise network and a medium-sized film company network. Students follow a standard design process to expand and upgrade each network, which includes requirements gathering, proof-of-concept, and project management. Lifecycle services, including upgrades, competitive analyses, and system integration are presented in the context of pre-sale support.

Merced Campus
9259 MTWTh 08:00a-11:25a Avery, W VOC-42 Comments: Section 9259 is held from 02/24/20 to 04/02/20.
This is a learning community and requires registering in, ELCT-34-9132, ELCT-36-9262, ELCT-40C-9432, ELCT-40D-9259, ELCT-51B-9260, AND AOM-30.
9285 MTWTh 08:00a-11:25a Avery, W VOC-42 Comments: Section 9285 is held from 02/24/20 to 04/02/20.

ELCT-41 Industrial Motor & Equipment Control
3.0 units: 2.0 hours lec,
3.0 hours lab. This course is designed to present the principles and applications of electrical motor and equipment control techniques used in industry. Ladder logic diagrams, contactors, motor starters, and electronic controls and sensors are among the subjects to be studied. Lectures, demonstrations, and laboratory experiments will be the methods used to present and enrich the material to be learned.
Merced Campus
6340 T 05:10p-10:00p Hamilton, A IT-3 Comments: Web Component which will require you to have internet access.

ELCT-42B Advanced Topics in Plc Configuration and Programming
2.0 units: 1.0 hours lec,
3.0 hours lab. Prerequisite: Take ELCT-42A; Minimum Grade C,P; The course introduces students to a mid-size Programmable Logic Controller (Allen-Bradley SLC-500) hardware configuration, set-up and programming. During the course students will learn how to use advanced ladder addressing programming instructions as Math, Bit Shift, Compare, Jump, MCR and more, to develop various "real-world" industrial type of PLC applications.
Merced Campus
6017 M 05:30p-09:20p Coate, D IT-3 Comments: Web component which will require you to have internet access.

ELCT-51B A+ Certification Training
3.0 units: 36.0 hours lec,
54.0 hours lab. This is a course designed to provide the student with a working knowledge of the hardware and software used with personal computers (PCs). The course will cover the basic principles of operation, established standards for maintaining compatibility between components and boards, the use of diagnostic software and hardware, various types of operating systems, and standard troubleshooting techniques.
Merced Campus
9124 MTWTh 01:00p-02:15p Coate, D VOC-42 MTWTh 02:30p-04:35p Coate, D VOC-42 Comments: Section 9124 is held from 04/06/20 to 05/21/20.
This is a learning community and requires registering in, ELCT-34-9132, ELCT-36-9262, ELCT-40C-9284, ELCT-40D-9259, ELCT-51B-9260, AND AOM-30.
9260 MTWTh 01:00p-02:15p Coate, D VOC-42 MTWTh 02:30p-04:35p Coate, D VOC-42 Comments: Section 9260 is held from 04/06/20 to 05/21/20.
This is a learning community and requires registering in ELCT-34-9261, ELCT-36-9262, ELCT-40C-9258, ELCT-40D-9259, AND ELCT-51B-9260.

ELCT-53A Solar Installer Course 1
3.0 units: 18.0 hours lec,
54.0 hours lab. This is an introductory course that will examine and implement the design and installation of a working solar photovoltaic power system. Students will learn how to safely use appropriate tools, make electrical load and solar system size calculations, and examine installation techniques for both grid-tie and off grid photovoltaic systems. This course is intended for students who are contemplating a career in the solar photovoltaic industry.
Merced Campus
9005 MTWTh 12:30p-04:20p Nagano, J IT-3 Comments: Section 9005 is held from 01/13/20 to 02/20/20.
This is a learning community and requires registering in, ELCT-56-9007, ELCT-53A-9005, INDT-35-9006, AND INDT-41-9001.
9274 MTWTh 12:30p-04:20p Nagano, J IT-3 Comments: Section 9274 is held from 01/13/20 to 02/20/20.

ELCT-56 Introduction to Mechatronics
4.0 units: 36.0 hours lec,
108.0 hours lab. Prerequisite: Take ELCT-42A; Minimum Grade C,P; This course introduces students to mechatronics, the rapidly developing field that integrates mechanical, electronic and software engineering in the service of advanced manufacturing. Students will develop an interdisciplinary and integrated approach to design, manufacturing and troubleshooting mechatronics systems. Students will learn how various components such as electronic sensors, electro-pneumatic valves, actuators, motors, and robotic arms work, and how they can be integrated with other mechanical components into complex automated systems. OSHA safety training and certification will be included. Hands-on experience in building and programming a variety of mechatronics projects that simulate real-life industrial automated systems will be provided in laboratory activities.
Merced Campus
9007 MTWTh 08:00a-11:20a Hamilton, A IT-3 Comments: Section 9007 is held from 02/24/20 to 05/07/20.
This is a learning community and requires registering in, ELCT-56-9007, ELCT-53A-9005, INDT-35-9006, AND INDT-41-9001.
9283 MTWTh 08:00a-11:20a Hamilton, A IT-3 Comments: Section 9283 is held from 02/24/20 to 05/07/20.

Emergency Medical Care (EMER)
EMER-50A Emergency Medical Technician 1, Module A
2.5 units: 40.5 hours lec,
13.5 hours lab. This is the first of two modules designed to teach basic emergency medical procedures and responsibilities, including stabilization of the sick and injured for transportation to medical facilities, care during transport, communication with base-hospital personnel, and...
transfer of the injured to the base-hospital emergency room. This course meets the requirements of Title 22, Division of California Administrative Code. Students successfully completing EMER-50A and EMER-50B are eligible to take the EMT 1 certifying exam from the National Registry of Emergency Medical Technicians.

**Emergent Campus**

**EMER-50B Emergency Medical Technician 1, Module B**

4.5 units: 67.5 hours lec.

40.5 hours lab. Prerequisite: Take EMER-50A. Minimum grade C,P. This is the second of two modules designed to teach basic emergency medical procedures and responsibilities, including stabilization of the sick and injured for transportation to medical facilities, care during transport, communication with base-hospital personnel, and transfer of the injured to the base-hospital emergency room. 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.

**ENGR-18 Electrical Circuits Analysis**

4.0 units: 3.0 hours lec, 3.0 hours lab. Prerequisite: Take MATH-06; OR Take PHYS-04B; Minimum grade C,P; Advisory: ENGL-A. This course covers basic circuit analysis emphasizing resistive circuits, natural and forced response of inductive and capacitive circuits, phasor analysis, and semiconductor elements. Lab involves construction and measurement of circuits, use of power supplies, breadboards, multimeters, oscilloscopes, and function generators.

**Merced Campus**

**ENGR-30 Introduction to Engineering**

2.0 units: 1.0 hours lec, 3.0 hours lab. 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. The course includes laboratory activities and field trips to engineering companies.

**ENGR-45 Engineering Materials**

4.0 units: 3.0 hours lec, 4.5 units: 67.5 hours lec. This course covers the atomic structure and manufacturing processes on the mechanical, electrical, and optical properties of materials. The effect of microstructure on the mechanical, electrical, and optical properties of materials is studied. Metals, alloys, ceramics, polymers, and composites are explored.

**ENGL-01A College Composition & Reading**

4.0 units: 72.0 hours lec. Prerequisite: Previously taken ENGL-85AC or equivalent and passed with a minimum grade of C --- OR --- Place directly into ENGL-01A --- OR --- be concurrently enrolled in ENGL-95S. This course focuses on critical reading and thinking, research strategies, and scholarly composition at the college transfer level. Students write expository, analytical, and argumentative essays informed by assigned readings, discussion, and/or research.

**English (ENGL)**

**ENGL-01A College Composition & Reading**

4.0 units: 72.0 hours lec. Prerequisite: Previously taken ENGL-85AC or equivalent and passed with a minimum grade of C --- OR --- Place directly into ENGL-01A --- OR --- be concurrently enrolled in ENGL-95S. This course focuses on critical reading and thinking, research strategies, and scholarly composition at the college transfer level. Students write expository, analytical, and argumentative essays informed by assigned readings, discussion, and/or research.

**Online**

2316  Kahlert, S  Online
Comments: CONTACT: Shirley.kahlert@mccd.edu

2337  Piro, V  Online
Comments: CONTACT: Piro.v@mccd.edu  l.

2342  Kahlert, S  Online
Comments: CONTACT: Shirley.kahlert@mccd.edu  .

2351  Hundley, A  Online
Comments: CONTACT: Hundley.a@mccd.edu

2352  Mumford, J  Online
Comments: CONTACT: Mumford.j@mccd.edu

2391  Long, J  Online
Comments: CONTACT: long.j@mccd.edu

2445  Huntington, P  Online
Comments: CONTACT: Pamela.huntington@mccd.edu.

2446  Huntington, P  Online
Comments: CONTACT: Pamela.huntington@mccd.edu.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
<th>Notes</th>
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<tbody>
<tr>
<td>ENGL-95S-1098</td>
<td>MW</td>
<td>12:00p-01:50p</td>
<td>Daughdrill, J</td>
<td>IAC-124</td>
<td>Section 1098 requires students to register for Engl-95S-1178.</td>
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<td>ENGL-95S-1099</td>
<td>MW</td>
<td>12:00p-01:50p</td>
<td>Gonzalez, H</td>
<td>IAC-127</td>
<td>Section 1099 requires students to register for Engl-95S-1099.</td>
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<tr>
<td>ENGL-95S-1223</td>
<td>MW</td>
<td>12:00p-01:50p</td>
<td>Daughdrill, J</td>
<td>IAC-124</td>
<td>Section 1223 requires students to register for Engl-95S-1223.</td>
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<td>MW</td>
<td>12:00p-01:50p</td>
<td>Flatt, S</td>
<td>IAC-127</td>
<td>Section 1234 requires students to register for Engl-95S-1234.</td>
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<td>MW</td>
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<td>Ferrell, D</td>
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<td>Section 1235 requires students to register for Engl-95S-1235.</td>
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<td>ENGL-95S-1239</td>
<td>TTh</td>
<td>10:00a-11:50a</td>
<td>Tabor, J</td>
<td>IAC-127</td>
<td>Section 1239 requires students to register for Engl-95S-1239.</td>
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<td>ENGL-95S-1241</td>
<td>MW</td>
<td>12:00p-01:50p</td>
<td>Nelson, K</td>
<td>IAC-127</td>
<td>Section 1241 requires students to register for Engl-95S-1241.</td>
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<tr>
<td>ENGL-95S-1243</td>
<td>MW</td>
<td>12:00p-01:50p</td>
<td>Doell, E</td>
<td>IAC-127</td>
<td>Section 1243 requires students to register for Engl-95S-1243.</td>
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<tr>
<td>ENGL-95S-1244</td>
<td>TTh</td>
<td>12:00p-01:50p</td>
<td>Staff</td>
<td>IAC-127</td>
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Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
### ENGL-07 Studies in Literature: Poetry
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-01A Minimum grade C,P. This course traces the origins and developments of the poem as a major literary genre. The course includes an intensive study of the poetic process. Poems from ancient times to the present are analyzed in terms of form, idea, and language.
All sections listed below require a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.
Enrolling in an English course will automatically enroll you in an English laboratory (EDU-112A). This laboratory is a non-credit course; therefore, there are no fees for this course, and attendance is optional.
Merced Campus

<table>
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### ENGL-11 American Literature from Post-Civil War to Present
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-01A Minimum grade C,P. This course is designed to introduce students to the history and variety of American literature from the end of the 1865 to the present. Representative works of major and influential authors are read as examples of various genres, literary movements, and historical eras.
All sections listed below require a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.
Enrolling in an English course will automatically enroll you in an English laboratory (EDU-112A). This laboratory is a non-credit course; therefore, there are no fees for this course, and attendance is optional.
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### ENGL-12 Creative Writing
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-01A Minimum grade C,P. This course is 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 works for constructive criticism.
All sections listed below require a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.
Enrolling in an English course will automatically enroll you in an English laboratory (EDU-112A). This laboratory is a non-credit course; therefore, there are no fees for this course, and attendance is optional.
Merced Campus

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### ENGL-13 Critical Reasoning & Writing
3.0 units: 54.0 hours lec.
Prerequisite: Take ENGL-01A Minimum grade C,P. This course offers instruction in argumentative and critical writing, critical thinking, research strategies, information literacy, and proper documentation. Readings feature mostly non-fictional essays and books that reflect diverse cultural and gender perspectives on a variety of contemporary political and social issues, especially those involving race, ethnicity, and gender. ENGL-13/PHIL-13 meets the IGEC critical thinking/composition requirement.
All sections listed below require a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.
Enrolling in an English course will automatically enroll you in an English laboratory (EDU-112A). This laboratory is a non-credit course; therefore, there are no fees for this course, and attendance is optional.
Merced Campus

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</table>

Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
ENGL-85AC Accelerated Foundations in Academic Literacy

5.0 units: 5.0 hours lec.

This is an intensive course that focuses on effective critical reading and thinking, research strategies, and scholarly composition with proper documentation at the pre-transfer level. Students compose a range of skills in reading, writing, and researching. In addition, they will learn to address strategies for academic success and be able to utilize computerized technology necessary for a composition course.

All sections listed below require a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

Enrolling in an English course will automatically enroll you in an English laboratory (EDU-112A). This laboratory is a non-credit course; therefore, there are no fees for this course, and attendance is optional.

Merced Campus

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Los Banos Campus

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ENGL-95S Enhanced Academic Literacy

2.0 units: 2.0 hours lec.

Prerequisite: Concurrent enrollment in ENGL-01AThis course is designed to provide supplemental instruction and support for students enrolled in a linked section of English 01A. Students will further develop academic skills in reading, writing, and researching. In addition, they will learn to address strategies for academic success and be able to utilize computerized technology necessary for a composition course.

All sections listed below require a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

Enrolling in an English course will automatically enroll you in an English laboratory (EDU-112A). This laboratory is a non-credit course; therefore, there are no fees for this course, and attendance is optional.

Merced Campus

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Los Banos Campus

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</table>

Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
**English - Noncredit (ENG)**

**ENG-122 College Prep English 2: Writing**  
0.0 units  
Course duration: 45-63 hours; open entry format. This course will introduce students to writing at four levels below transfer. Upon entry, students should be able to identify sight words and sound out unfamiliar words. Students will learn skills in order to increase vocabulary, write complete sentences with grammatical accuracy, and to write critically about texts at four levels below transfer.  
**Los Banos Campus**  
5034 MW 09:00a-10:45a McNally, P

**ENG-801 ESL (English As A Second Language)**  
Beginning ESL Skills  
0.0 units  
**Los Banos Campus**  
5022 MTWThF 09:00a-12:00p Allen, R

**ENG-802 ESL (English As A Second Language)- Advanced-Beginning Esl Skills**  
0.0 units  
**Los Banos Campus**  
5023 MTWThF 09:00a-12:00p Allen, R

**ENG-813 ESL (English as a Second Language)-**

**Low-Intermediate Esl Skills**  
0.0 units  
This course is designed for low-intermediate level students who need more practice with English skills. This course includes practice in listening, speaking, reading, and writing. Course duration is 204 - 255 hours.  
**Los Banos Campus**  
5024 MTWThF 09:00a-12:00p Nelson, B

**Low-Intermediate Esl Skills**  
Course duration is 204 - 255 hours. This course is for intermediate level students who have learned basic survival skills, but who need instruction that will lead to a relatively sophisticated level of discourse of issues and ideas that reach beyond basic survival. This course will prepare students to take credit courses at Merced College. This course includes practice in listening, speaking, reading, and writing.  
**Los Banos Campus**  
5025 MTWThF 09:00a-12:00p Nelson, B

**Intermediate Esl Skills**  
Course duration is 204 - 255 hours. This course is for intermediate level students who have learned basic survival skills, but who need instruction that will lead to a relatively sophisticated level of discourse of issues and ideas that reach beyond basic survival. This course will prepare students to take credit courses at Merced College. This course includes practice in listening, speaking, reading, and writing.  
**Los Banos Campus**  
5045 MTWThF 09:00a-12:00p Nelson, B

**Intermediate Esl Skills**  
This course is intended for students whose primary language is not English. At a low-advanced ESL level, this course focuses on effective critical reading and thinking skills, research strategies and academic composition with proper documentation. Students write a range of increasingly complex short essays informed by assigned readings, discussion, and/ or research using a variety of source material including non-fiction.  
**Los Banos Campus**  
5111 TTh 01:00p-03:15p Lankford, T

**Foundations in Academic Literacy I**  
0.0 units  
This course is intended for students whose primary language is not English. At a low-advanced ESL level, this course focuses on effective critical reading and thinking skills, research strategies, scholarly composition with proper documentation, and advanced editing skills. Students compose a range of academic writing informed by assigned readings, discussion, and/or research using primarily non-fiction source material.  
**Los Banos Campus**  
5112 TTh 10:30a-12:45p Lankford, T
English As A Second Language (ESL)

ESL-84E Foundations in Academic Literacy II for Non-Native Speakers
5.0 units: 5.0 hours lec.
This course is intended for students whose primary language is not English. At a low-advanced ESL level, this course focuses on effective critical reading and thinking skills, research strategies, scholarly composition with proper documentation, and advanced editing skills. Students compose a range of academic writing informed by assigned readings, discussion, and/or research using primarily non-fiction source material. All sections listed below require a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

Enrolling in an English course will automatically enroll you in an English laboratory (EDU-112A). This laboratory is a non-credit course; therefore, there are no fees for this course, and attendance is optional.

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<tr>
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ESL-85E Foundations in Academic Literacy I For Non-Native Speakers
5.0 units: 5.0 hours lec.
This course is intended for ESL students. This course focuses on effective critical reading and thinking skills, research strategies, scholarly composition with proper documentation, and advanced editing skills. Students compose a range of academic writing informed by assigned readings, discussion, and/or research using primarily non-fiction source material. All sections listed below require a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

Enrolling in an English course will automatically enroll you in an English laboratory (EDU-112A). This laboratory is a non-credit course; therefore, there are no fees for this course, and attendance is optional.

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<tr>
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<td>TTh 10:30a-12:45p</td>
<td>Lankford, T</td>
<td>IAC-122</td>
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Fire Technology (FIRE)

FIRE-30 Fire Protection Organization
3.0 units: 3.0 hours lec.
Advisory: ENGL-A. 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 Campus**

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<th>Section</th>
<th>Time</th>
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<th>Room</th>
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<tr>
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<td>McCall, T</td>
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FIRE-63A Basic Firefighter I, Academy A
8.0 units: 126.0 hours lec.
54.0 hours lab.Prerequisite: Take FIRE-30; Minimum grade C,P; 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. The course also provides training in ropes, knots, hitches, hoses, nozzles, appliances, ground ladders, forcible entry, and confined space rescue. Students must supply instructor-approved personal protective equipment (required instructional material).

**Merced Campus**

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<th>Section</th>
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<th>Room</th>
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FIRE-63B Basic Firefighter I, Academy B
8.0 units: 126.0 hours lec.
54.0 hours lab.Prerequisite: Take FIRE-63A Minimum grade C,P; This course provides manipulative and technical training in basic concepts of ventilation, fire control, salvage and overhaul operations, fire protection water systems, fire protection systems, fire prevention and investigation, communications, vehicle extrication, wildland fire fighting, urban interface, and hazardous materials.

**Merced Campus**

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French (FREN)

FREN-01 Elementary French I
5.0 units: 5.0 hours lec.
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. Students will learn how to express in French the most basic functions of everyday life. This course is not recommended for native speakers.

**Merced Campus**

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FREN-02 Elementary French II
5.0 units: 5.0 hours lec.
Prerequisite: Take FREN-01 or 2 years of high school French. Minimum Grade C,P. FREN-02 is the continuation of FREN-01. This course will
focus on the further development of listening, speaking, reading, and writing in cultural context, with primary emphasis on communicative competency. Students will learn how to express in French basic functions of everyday life. This course is not recommended for native speakers.

**Merced Campus**

1947 MWF 04:00p-05:25p Rida, A IAC-127

Comments: Section 1947 requires online assignments. Students need to have a purchased access code as well as a computer with internet connection and recording/listening capabilities.

**FREN-03 Intermediate French I**

5.0 units: 5.0 hours lec.

Prerequisite: Take FREN-02; Minimum grade C.P. FREN-03 is a continuation of FREN-02. This course reviews and further develops grammatical concepts introduced in FREN 01 and FREN 02, as well as introduces the student to new concepts. Through varied readings, composition, and discussion, the student will increase with his or her vocabulary and cultural knowledge.

**Merced Campus**

1920 MWF 04:00p-05:25p Rida, A IAC-127

Comments: Section 1920 requires online assignments. Students need to have a purchased access code as well as a computer with internet connection and recording/listening capabilities.

**G.E.D. - Noncredit (GED)**

**GED-101 Basic Skills Development and GED Preparation**

0.0 units

This 144-324 hours course is designed to build the basic academic skills of adult learners in the areas of reading comprehension, language and evidence-based writing, mathematical reasoning, life, physical, and earth sciences, and social science. Special emphasis is placed on analytical reading skills, problem solving, and test preparation. The content of this course is reflective all new modifications to the GED exam. Subject matter included of the areas covered by the GED exam such as science, social studies, literature, mathematics, and writing.

**Los Banos Campus**

5015 MTWTh 12:00p-03:00p Whitehurst, J

**Merced Off-Campus**

5060 MTWTh 09:00a-12:00p Melo, J OFML-CC

5066 MTWThF 06:00p-08:00p Castro, M OFML-DELHS

**Geography (GEOG)**

**GEOG-01 Physical Geography**

3.0 units: 3.0 hours lec.

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. Tools of geographic inquiry are also briefly covered; they may include: maps, remote sensing, Geographic Information Systems (GIS) and Global Positioning Systems (GPS).

**Online**

2358 Morimoto, D Online

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

2369 Morimoto, D Online

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

**Merced Campus**

1095 MWF 09:00a-09:50a Chambers, D IAC-106

1378 MWF 11:00a-11:50a Chambers, D IAC-106

**GEOG-02 World Geography**

3.0 units: 3.0 hours lec.

Advisory: ENGL-A. GEOG-02 is a survey of the geography of the world regions. The study includes the ways in which environmental resources are utilized to satisfy the needs of mankind. There is emphasis on economic development, population, and food problems. Knowledge of the cultural and economic interaction between regions will enable the student to better understand contemporary world problems and potentials.

**Online**

2327 Morimoto, D Online

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

**Merced Campus**

1041 TTh 09:30a-10:45a Morimoto, D IAC-106

1278 TTh 02:00p-03:15p Chambers, D IAC-106

1383 MWF 10:00a-10:50a Chambers, D IAC-106

6552 W 05:30p-08:20p Gaugler, C IAC-146

**Geology (GEOL)**

**GEOL-01 Physical Geology**

4.0 units: 3.0 hours lec.

3.0 hours lab. This is a beginning course in geology stressing the beneficial and destructive forces of nature and their causes. The course includes a study of the development of landscapes, origin of minerals and rocks, geologic work of ground water, the phenomena of earthquakes, volcanism, metamorphism and other fundamental concepts of geology. Lab work includes the identification and study of rocks and minerals, study of topographic and geologic maps and aerial photographs, and introduction to cross section and profiles of topographic maps. A field trip is required for this class.

**Merced Campus**

1451 MWF 10:00a-10:50a Davies, R SCI-105

M 11:00a-11:50a Davies, R SCI-105

Comments: Section 1451 includes a Friday field trip to Yosemite National Park with transportation via district vehicle.

**GEOL-02 Historical Geology**

4.0 units: 3.0 hours lec.

3.0 hours lab. Advisory: ENGL-A. 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. The correlation between geologic changes through time, the uses of the fossil record in determining geologic history, and the formation of economic mineral deposits is emphasized throughout the course. A field trip is required for this course.

**Merced Campus**

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

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

Comments: Section 6082 includes a 4-day, 3-night field trip to the Mojave Desert; primitive camping with no facilities. Transportation provided via district vehicles at no cost to the student. The student is responsible for personal camping equipment and cost of food.

**GEOL-03 Earth Science**

4.0 units: 3.0 hours lec.

3.0 hours lab. An introduction to the essentials of Earth Science including the geosphere, atmosphere, hydrosphere, and solar system. This course focuses on the interactions between physical and chemical systems of the Earth such as the tectonic cycle, rock cycle, hydrologic cycle, weather and climate. This course is designed to meet the content requirement for earth and space science for the Liberal Studies - Elementary Teaching preparation pathway.

**Merced Campus**

1260 MW 02:00p-03:15p Davies, R SCI-205

W 11:00a-11:50a Davies, R SCI-105
German (GERN)

GERN-01 Elementary German I
5.0 units: 5.0 hours lec.
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. Students will learn how to express in German the most basic functions of everyday life.

Merced Campus
1128 MWF 10:00a-11:25a Staff, M ART-4

GERN-02 Elementary German II
5.0 units: 5.0 hours lec.
Prerequisite: Take GERN-01 Minimum grade C.P. GERN-02 is the continuation of GERN-01. This course will focus on the further development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency. Students will learn how to express in German basic functions of everyday life.

Merced Campus
1129 MWF 10:00a-11:25a Staff, M ART-4

Guidance (GUID)

GUID-30 Foundations and Strategies For College Success
3.0 units: 3.0 hours lec.
This comprehensive course integrates the cultivation of skills, values, and attitudes indicative of confident, capable students/individuals with problem solving and critical/creative thinking. The course focuses on the following topics: life management, goal setting, career decision making, educational planning, college expectations and opportunities, instructor-student relationships, cultural diversity, lifestyle choices affecting health maintenance, stress management, campus resources, learning styles and strategies, and study skills. This course is recommended for all new students.

Online
2407 Online
2408 Online
2900 Online
2917 Online
2942 Online
2943 Online

Merced Campus
1134 MWF 12:00p-12:50p AHC-123
1734 TTh 02:00p-03:15p AHC-123
1800 MWF 11:00a-11:50a AHC-123
6019 M 07:00p-09:50p

Los Banos Campus
4476 MWF 09:00a-09:50a LB-B-134
4478 TTh 11:00a-12:15p Staff LB-B-135
4480 F 09:00a-11:50a Rodriguez, L LB-B-101

Mariposa
2406 W 06:00p-07:15p Allen-Ritter, L MARI-57

Comments: Section 2406 is held at Mariposa High School; 5074 Old Highway North; Mariposa. CONTACT: lori.allen-ritt-

GUID-45 Pathways to Transfer
3.0 units: 3.0 hours lec.
This course is an introduction to the process of transfer from community college to a four-year college or university. Students will research and evaluate colleges and universities based on degrees offered, transfer requirements, application process, housing, financial aid, scholarships, support services, and student life. Students will develop an education plan and a portfolio of personalized research information to assist them in the transfer process.

Merced Campus
1790 TTh 09:30a-10:45a Renteria, E AG-10

4484 TTh 11:00a-12:15p Serrano, J LB-B125
Comments: “Section 4484 is a Learning Community course which requires registration in ENGL-13-4404 or PHIL-13-4660. Section 4484 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.”

GUID-48 Life & Career Planning
3.0 units: 3.0 hours lec.
Advisory: ENGL-A. This is a structured sequential course in life and career planning. Experiences are provided that encompass education, occupation, and job trends. The total individual is explored; issues such as life roles, values, goals, life styles, preferences, coping skills, and personal barriers as they relate to decisions will be covered.

Online
2350 Online
2921 Online

Merced Campus
1249 MWF 08:00a-08:50a VOC-138

GUID-54 Foundations and Strategies for Academic Recovery
3.0 units: 3.0 hours lec.
This course is appropriate for students wishing to improve their academic standing. Each student will identify his/her educational goal and develop an appropriate plan for achieving that goal. Academic policies will be addressed and strategies to get off and stay off probation, such as, informed decision-making, problem solving, classroom behavior, and behavior modification will also be studied. This course is recommended for all students on academic and/or progress probation.

Online
2409 Online
2410 Online
2916 Online
2918 Online
2938 Online

Merced Campus
1786 MWF 09:00a-09:50a VOC-38
6425 T 07:00p-09:50p VOC-138

Los Banos Campus
4486 MW 10:00a-11:50a Rodriguez, L LB-B101
Comments: “Section 4486 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.”

Health (HLTH)

HLTH-10 Contemporary Health
3.0 units: 3.0 hours lec.
Advisory: ENGL-A. This course surveys the human condition from birth to death. Emphasis is placed on the impact of personal choice throughout life. Mental health, stress, alcohol, drugs, tobacco, disease processes,
nutrition, fitness, sexuality, aging, environmental issues, and other related topics are studied and examined. The student is challenged to assume responsibility for his or her own health, well being, and lifestyle.

**Online**

2328  Devine, N  Online
Comments: CONTACT: devine.n@mccd.edu

2357  Devine, N  Online
Comments: CONTACT: devine.n@mccd.edu

**Merced Campus**

1388  MWF  08:00a-08:50a  Severo, S  GYM-2
1389  MWF  09:00a-09:50a  Severo, S  GYM-2
1390  MWF  10:00a-10:50a  Casey, J  GYM-2
1391  MWF  11:00a-11:50a  Casey, J  GYM-2
1392  MWF  12:00p-12:50p  Casey, J  GYM-2
1393  TTh  03:30p-04:45p  Huddleston, A  GYM-2
1394  TTh  08:00a-09:15a  Russell, W  GYM-2
1395  TTh  09:30a-10:45a  Casey, R  GYM-2
1397  TTh  02:00p-03:15p  Severo, S  GYM-2
1394  TTh  11:00a-12:15p  Russell, W  AHC-123
6053  M  05:30p-08:20p  Casey, R  GYM-2
9145  MWF  01:00p-02:50p  Severo, S  AHC-123

Comments: Section 9145 is held from 03/16/20 to 05/22/20.

**Los Banos Campus**

8486  Th  05:30p-08:20p  LB-B-111
Comments: CONTACT: Section 8486 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

**HLTH-15 Drugs, Alcohol & Tobacco**

3.0 units: 3.0 hours lec.
This course will give students a basic understanding of the psycho-physiological effects of drugs, alcohol, and tobacco. Included in the study will be use patterns, individual and societal problems that arise from abuse, and the medicinal effects. Personal coping skills will be included that can help individuals develop drug-free lifestyles.

**Merced Campus**

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

**Health - Noncredit (HLT)**

**HLT-322 Beginning Fall and Injury Prevention for Older Adults**

0.0 units
This 36-hour course is designed to teach older adults how physical activity can help reduce incidences of slips, sprains and falls. The course is a combination of lecture, demonstration, and practice of muscle development and strengthening techniques. Diet and nutrition for supporting health and maintaining healthy weight is also discussed.

**Merced Off-Campus**

5600  MWF  02:15p-02:45p  Cruz, O  OFML-PM

**History (HIST)**

**HIST-03A History of Western Civilization, Part 1**

3.0 units: 3.0 hours lec.
This course provides a broad historical survey of humanity's social, political, economic, and intellectual experiences for Western Civilization from prehistory to 1650.

**Merced Campus**

1889  MWF  09:00a-09:50a  Harvey, E  VOC-8

**HIST-04A World History Part 1**

3.0 units: 3.0 hours lec.
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 at least 1500.

**Online**

2001  Arnold, T  Online

**HIST-04B World History Part 2**

3.0 units: 3.0 hours lec.
This course provides a broad historical survey of humanity's social political, economic, and intellectual experiences for all major world civilizations from approximately the 16th century to the present.

**Merced Campus**

1005  MWF  10:00a-10:50a  Arnold, T  VOC-9

**Los Banos Campus**

8498  W  07:00p-09:50p  LB-B-106
Comments: CONTACT: Section 8498 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

**HIST-09A China: Introduction to East Asian Civilization Civilization: China**

3.0 units: 3.0 hours lec.
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 Campus**

1208  TTh  02:00p-03:15p  Fong, A  IAC-146

**HIST-17A US History/US Constitution**

3.0 units: 3.0 hours lec.
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. Course will emphasize the development of critical and historical thinking skills.

**Online**

2004  Arnold, T  Online
Comments: Section 2004 is a 9 week online class meeting from 1/13/20 through 3/13/20. CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

2394  Cook, J  Online
Comments: CONTACT: james.cook@mccd.edu COMMENTS: Students need to log-in within the first two days of class.

2401  Connors, J  Online
Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

2403  Nystrom, E  Online
Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

2491  Comments: Contact: TBA  Online

2522  Jackson, M  Online
Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

2901  Jackson, M  Online
Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

**Merced Campus**

1196  TTh  12:30p-01:45p  Fong, A  VOC-8
1267  MWF  10:00a-10:50a  Lorenz, M  VOC-8
1276  MWF  08:00a-08:50a  Bland, J  IAC-110
1316  TTh  08:00a-09:15a  Purcell, C  VOC-143
1402  TTh  02:00p-03:15p  Harvey, E  AHC-129
1404  TTh  03:30p-04:45p  Harvey, E  AHC-129
1567  MWF  09:00a-09:50a  Bland, J  IAC-110
1699  TTh  09:30a-10:45a  Purcell, C  AHC-123
1806  MW  03:30p-04:45p  Morris, R  VOC-8

Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.
HIST-17B  US History & California State & Local Government
3.0 units: 3.0 hours lec.
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. The course covers the social, political, economic, and constitutional development of the nation.

Online
2006
Arnold, T
Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

2007
Arnold, T
Comments: Section 2007 is a 9 week online class meeting from 3/16/20 to 5/22/20. CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

2331
Harvey, E
Comments: CONTACT: For course-specific questions, contact the professor of the class, harvey.e@mccd.edu. For technology questions, 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.

2396
Cook, J
Comments: CONTACT: james.cook@mccd.edu COMMENTS: Students need to log-in within the first two days of class.

2402
Connors, J
Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

2492
Cook, J
Comments: CONTACT: james.cook@mccd.edu COMMENTS: Students need to log-in within the first two days of class.

2523
Jackson, M
Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

HIST-900  American Citizenship
0.0 units
This course is best suited for non-U.S. citizens. It will provide non-U.S. citizens with a study of the federal and state system of government and the U.S. Constitution, preparing them for the naturalization citizenship interview with United States Citizenship and Immigration Services (USCIS). The course will include civil rights, voting, historical development of the U.S., types of government, the legislative, executive, and judicial branches of government, and the relationship between the state and federal systems of government. The student can practice reading, writing, speaking, listening, and pronunciation in English.

Los Banos Campus
5046
MWF 08:00a-08:50a Harvey, E

Merced Off-Campus
5032
MW 06:00p-08:00p Alvarado-Barba, A
5033
TTh 11:00a-12:00p Sanchez-Navarro, Z

Hmong (HMNG)

HMNG-01  Elementary Hmong I
5.0 units: 5.0 hours lec.
This course is a study of the fundamentals of pronunciation, audio-lingual training, and phonology; syllabication; appreciation of basic elements of the Hmong culture; use of the most frequent words in Hmong; basic sentences in conversation; reading and mastery of verb forms; practical vocabulary through conversation and practice in class and at home; elementary composition.

Merced Campus
6090
MW 05:30p-07:45p Ly, C

Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
HMNG-02 Elementary Hmong II
5.0 units: 5.0 hours lec.
Prerequisite: Take HMNG-01 Minimum grade C.P. This course is for the continuation of HMNG-01. The focus will be on further development of listening, speaking, reading and writing in a cultural context. There will be extensive use of Hmong grammar, written composition and oral communication. Selections from Hmong literature and history will be read and discussed in Hmong. Stress is given to reading, writing, speaking and understanding Hmong as these communication skills apply to practical situations.

Merced Campus
1162 MW 02:00p-04:15p Ly, C IAC-123

Honors (HNRS)

HNRS-40D Honors Seminar: the Philosophy of Sex And Love
2.0 units: 2.0 hours lec.
This course will focus on the in-depth discussion and analysis of a topic of interest to honors program students. Students may repeat the class four times.

Merced Campus
1426 T 02:00p-03:50p Hallman, M ART-7

Human Services (HMNV)

HMNS-24 Work Experience in Human Services
1.0 units
This course enables students to earn college credit for learning or improving skills and/or knowledge on-the-job. Occupational Work Experience is discipline-specific and must connect to the student's major or occupationa. Fifty-five (75) hours of documented paid work experience equals 1 unit of credit. Sixty (60) hours of documented volunteer experience equals 1 unit of credit. A student may enroll in up to 16 total units of work experience at Merced College. Students must have an establish work site prior to enrolling in the course.

Merced Campus
3149 3150

HMNS-42 Introduction to Counseling Skills
3.0 units: 3.0 hours lec.
This course is oriented to counseling clients within the field of human services. Course work is designed to give the student an introduction to counseling theory and classroom experience in applying basic counseling skills in a practical setting. Please check within each discipline for discipline-specific work experience options.

Los Banos Campus
3146 3147 3148

HMNS-41 Case Management
3.0 units: 3.0 hours lec.
This course is designed to give the student an introduction to case management skills, including screening, assessment, treatment planning, and referral support.

Merced Campus
6554

Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
HUM-02 Studies in Humanities: Renaissance to Present
3.0 units: 3.0 hours lec.
Prerequisite: ENGL-85AC or ENGL-85E. Minimum grade C, P. Advisories: ENGL-01A. The principal aims of this course are to examine human existence and cultural endeavors from the Renaissance to the present. Students will examine the continuities of human endeavors through fine arts, literature, philosophies, religions, and the sciences, with an integration of certain non-Western cultures.

Merced Campus
1499 TTh 02:00p-03:15p Barnes, L IAC-109

Los Banos Campus
4358 MWF 10:00a-10:50a Long, J LB-B-134
Comments: Section 4358 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

HUM-02H Honors Studies in Humanities: Renaissance To Present
3.0 units: 3.0 hours lec.
Prerequisite: TENGL-85AC or ENGL-85E. Minimum grade C, P. The principal aim of this course is to examine human existence and cultural endeavors from the Renaissance to the present. Students will examine developments in a variety of cultures, both Western and non-Western. There will be an emphasis on collaborative learning, research, and writing.

Merced Campus
1459 TTh 02:00p-03:15p Barnes, L IAC-109

HUM-15 Comparative Cultures
3.0 units: 3.0 hours lec.
This course surveys the historical development and social structures of several different cultures in the United States. Cultures discussed will normally include African American, Asian American, Mexican American and Native American. Emphasis will be placed on issues of ethnicity and pluralism.

Merced Campus
1428 TTh 09:30a-10:45a Hallman, M IAC-109

HUM-21 Humanities & Film
3.0 units: 2.0 hours lec.
3.0 hours lab. Prerequisite: ENGL-85AC or ENGL-85E. Minimum grade C, P. 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.

Merced Campus
1250 MW 12:00p-12:50p Barba, M IAC-108
F 12:00p-02:50p Barba, M IAC-123

INDT-10 Industrial Technical Skills
3.0 units: 2.0 hours lec.
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 woodwork, concrete materials and mixes, and sketching and estimating.

Merced Campus
6555 W 07:00p-09:50p Riley, J VOC-8

INDT-25 Fluid Power
3.0 units: 2.0 hours lec.
3.0 hours lab. This course covers the operational theory and practical applications of hydraulics, pneumatics and vacuum components and systems. This includes adjustment, service, and functional operation of pumps, controls, transmission systems, actuators and fluidics. The design and application of fluidic systems as they relate to industrial machinery will be covered together with systematic methods of trouble shooting.

Merced Campus
6421 W 05:10p-10:00p Coate, D VOC-42
Comments: Web Component which will require you to have internet access.

INDT-35 Electrical Wiring
3.0 units: 36.0 hours lec.
54.0 hours lab. This course covers basic residential and industrial theory. Topics include electrical theory, wiring in accordance with the latest version of the National Electrical Code, blueprint reading, layout of electrical circuits according to blueprints, switches, electrical connections, grounding and electrical safety, materials, appliance connections, industrial wiring and components, power poles and low voltage remote control devices. Students may petition, through the Office of Admissions and Records, to retake the course as the National Electrical Codes change.

Merced Campus
6420 W 05:10p-10:00p Hamilton, A AG-10
Comments: Web Component which will require you to have internet access.
9006 MTWTh 08:00a-09:25a Hamilton, A IT-3
Comments: Section 9006 is held from 01/13/20 to 02/20/20. This is a learning community and requires registering in ELCT-56-9007, ELCT-53A-9005, INDT-35-9006, AND INDT-41-9001.
9288 MTWTh 08:00a-09:25a Hamilton, A IT-3
MTWTh 09:30a-11:50a Hamilton, A IT-3
Comments: Section 9288 is held from 01/13/20 to 02/20/20.

INDT-41 Industrial Power Transmission
3.0 units: 36.0 hours lec.
54.0 hours lab. 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 Campus
9001 MTWTh 12:20p-01:35p Nagano, J IT-3
9289 MTWTh 12:20p-01:35p Nagano, J IT-3
Comments: Section 9289 is held from 02/24/20 to 04/02/20.

INDT-50 HVAC - Heating and Control Systems
6.0 units: 4.0 hours lec.
6.0 hours lab. Advisories: ENGL-81, ENGL-84; MATH-80. This course will enable students to identify and understand the operation of the various

Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
components found in heating and air conditioning units. Students will perform diagnostic and repair procedures on the above units and apply basic electrical concepts as they relate to HVAC industry heating and control technology.

**Merced Campus**

6246  MW  05:10p-10:00p  Nagano, J  IT-3

**INDT-53 Heat Pump Systems**

3.0 units: 2.0 hours lec, 3.0 hours lab. Prerequisite: Take INDT-51 AND INDT-52. Minimum grade C,P; This course studies the operation, installation, and service of heat pump systems.

**Merced Campus**

6061  Th  05:10p-10:00p  Nagano, J  IT-3  
Th  -  Nagano, J  
Comments: Web Component which will require you to have internet access.

**Japanese (JPNS)**

**JPNS-01A Elementary Japanese**

2.5 units: 2.5 hours lec.
Advisory: ENGL-84. This course will focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency. Students will learn to express in Japanese the most basic functions of everyday life.

**Merced Campus**

1501  F  01:00p-03:15p  Johno, I  IAC-122  
Comments: Section 1501 requires online assignments. Students need to have a purchased access code as well as a computer with internet connection and recording/listening capabilities.

**JPNS-02 Elementary Japanese**

5.0 units: 5.0 hours lec.
Prerequisite: Take JPNS-01B Minimum grade C,P; JPNS-02 is the continuation of JPNS-01B. This course will focus on the further development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency. Students will learn how to express in Japanese basic functions of everyday life.

**Merced Campus**

6122  MW  05:30p-07:45p  Johno, I  IAC-123  
Comments: Section 6122 requires online assignments. Students need to have a purchased access code as well as a computer with internet connection and recording/listening capabilities.

**Kinesiology (KINE)**

**KINE-01 Introduction to Kinesiology**

3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A. Minimum grade C, P; 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 covered. Career opportunities in the areas of teaching, coaching, allied health, and fitness professions.

**Online**

2244  McCall, S  Online

**KINE-02 First Aid and CPR for the Professional Rescuer**

3.0 units: 3.0 hours lec.
This course involves the theory and detailed demonstration of the first aid care of the injured. The student will learn to assess a victim's condition and incorporate proper treatment. Standard first aid, CPR for the professional rescuer, and AED certification(s) can be granted upon successful completion of requirements.

**Merced Campus**

1398  TTh  08:00a-09:15a  McCall, S  AHC-128

**KINE-03 Introduction to Athletic Training**

3.0 units: 2.0 hours lec, 3.0 hours lab. This is an introductory course in recognition, assessment, management, care and prevention of injuries occurring in physical activities.

**Merced Campus**

1011  T  08:00a-09:50a  Tall, J  AHC-157  
Th  08:00a-10:50a  Tall, J  ATHL-FHA

**KINE-09 Adaptive Physical Education**

1.0 units:
3.0 hours lab. This course is a continuing program of individualized instruction for the physically disabled student allowing that student long-range participation in an adapted exercise physiology environment designed to create more physical independence for the student.

**Merced Campus**

1646  TTh  09:30a-10:45a  Huddleston, A  GYM-4

**KINE-13 Beginning Basketball**

1.0 units:
3.0 hours lab. This course offers the beginning student the opportunity to develop and improve fundamental skills involved in basketball, such as, ball handling, shooting, defensive and offensive tactics, and physical endurance. It also covers team strategy and play. Rules, strategy, and sportsmanship are also stressed.

**Merced Campus**

6334  M  07:00p-09:50p  Semra, R  GYM-1

**KINE-14 Beginning Volleyball**

1.0 units:
3.0 hours lab. This course begins with the basic skills and court positions necessary to enjoy the sport. Each class session begins with warm-up exercises and "dry-land" drills. Skill period ends with class participation in a volleyball match.

**Merced Campus**

1644  MWF  11:00a-11:50a  Mcgee, S  ATHL-SBF

**KINE-23 Lifeguard Training**

2.0 units: 1.5 hours lec, 1.5 hours lab. 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. Upon completion of the course students can earn certification through the American Red Cross in Lifeguard training, first aid, Title 22, and CPR/AED for the professional rescuer.

**Merced Campus**

1946  MWF  08:00a-08:50a  McCall, S  AHC-123

**KINE-24 Work Experience in Kinesiology**

1.0 units
This course enables students to earn college credit for learning or improving skills or knowledge on-the-job. Occupational Work Experience is discipline specific and must connect to the student's major or occupational goal(s). Seventy-five (75) hours of documented paid work experience equals 1 unit of credit. Sixty (60) hours of documented volunteer experience equals 1 unit of credit. A student may enroll in up to 16 total units of credit.
KINE-24A Beginning Swimming
1.0 units:
3.0 hours lab. 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 Campus
9128 MWF 09:00a-10:50a Halpin, W ATHL-POOL
Comments: Section 9128 is held from 03/16/20 to 05/22/20.

KINE-24B Techniques and Stroke Development for Swimming
1.0 units:
3.0 hours lab. 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 Campus
1639 MWF 11:00a-11:50a Halpin, W ATHL-POOL
Comments: Section 1639 Lab requires pool participation.

KINE-24C Swimming for Fitness
1.0 units:
3.0 hours lab. 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 Campus
1791 TTh 10:30a-11:45a Halpin, W ATHL-POOL

KINE-30 Group Exercise
1.0 units:
3.0 hours lab. This course uses a variety of group exercise to improve cardiorespiratory fitness, muscular fitness, and flexibility. Strenuous physical activity is required. Good general health advised.

Merced Campus
1855 TTh 02:00p-03:15p Serna, R ATHL-FHA
1952 TTh 11:00a-12:15p Cruz, O ATHL-FHA
Comments: Aerobics
1989 MWF 10:00a-10:50a Cruz, O ATHL-FHA
Comments: Aerobics

KINE-31 Aerobic Training
1.0 units:
3.0 hours lab. This course uses a variety of aerobic activities to improve cardiorespiratory endurance. Machines used include stair climber, treadmills, cycles, rowing, recumbent bikes and cross trainers. Emphasis will be placed on monitoring physiological response to exercise and teaching proper warm-up, training at target rate, and cool down. A pre-test and post-test will be administered to evaluate fitness level and monitor improvement.

Merced Campus
1515 MWF 08:00a-08:50a Russell, W GYM-4
1516 MWF 11:00a-11:50a Cruz, O GYM-4

KINE-32 Circuit Weight Training
1.0 units:
3.0 hours lab. 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. Circuit weight training has proven beneficial for people of all ages and genders, who are interested in weight training, a desire to increase muscle tone and cardiovascular fitness.

Merced Campus
1431 TTh 12:30p-01:45p Casey, J GYM-4
1470 MWF 02:00p-02:50p Cruz, O GYM-4
1471 MWF 04:00p-04:50p Serna, R GYM-4
1518 TTh 08:00a-09:15a Huddleston, A GYM-4
1520 MWF 09:00a-09:50a Huddleston, A GYM-4
1521 MWF 10:00a-10:50a Kelly, P GYM-4
1522 MWF 12:00p-12:50p Severo, S GYM-4
1523 MWF 01:00p-01:50p Cruz, O GYM-4
1525 TTh 11:00a-12:15p Casey, J GYM-4

KINE-33 Weight Training
1.0 units:
3.0 hours lab. An open laboratory experience for those people who desire an individualized strength program using a combination of exercise machines and free weights. This class is designed specifically to improve strength. The class is suited for athletes and men and women of all age groups who are interested in muscle toning and muscle building.

Merced Campus
1071 MWF 10:00a-10:50a Russell, W GYM-5
1081 MWF 11:00a-11:50a Kelly, P GYM-5
1085 TTh 04:00p-05:15p Serna, R GYM-5
1125 TTh 09:30a-10:45a Serna, R GYM-5
1127 TTh 11:00a-12:15p Severo, S GYM-5
1823 TTh 08:00a-09:15a Devine, N GYM-5
1866 MWF 08:00a-08:50a Huddleston, A GYM-5
1955 MWF 09:00a-09:50a Kelly, P GYM-5
1992 TTh 12:30p-01:45p Casey, R GYM-5

Los Banos Off-Campus
4560 TTh 06:00p-07:15p OFLL-LBHS
Comments: Section 4560 is located at Los Banos High School; 1966 11th St. Los Banos.

KINE-35 Flexibility and Cardiovascular Fitness
2.0 units:
108.0 hours lab. Practical applications of all aspects of flexibility and cardiovascular conditioning are presented and performed. A system of class presentation is used to insure a gradual, safe, and total physiological adaptation of the student to exercise. A gradual, progressive, safe, and eventually total body fitness experience is pursued. Geriatric fitness adaptations are emphasized.

Online
2201 Casey, J Online
2309 Devine, N Online
2323 Casey, J Online
2339 Casey, R Online
2992 Talley, E Online
Comments: CONTACT: casey.j@mccd.edu.
Comments: CONTACT: devine.n@mccd.edu.
Comments: CONTACT: casey.j@mccd.edu.
Comments: CONTACT: casey.r@mccd.edu.
Comments: CONTACT: emily.talley@mccd.edu
### Landscape Horticulture (LAND)

#### LAND-10B Plant Identification & Usage: Spring
- **Units:** 3.0
- **Hours:** 2.0 lec,
- **3.0 hours lab.** This course covers the identification, growth habits, culture and ornamental use of landscape and indoor plants adapted to climates of California. Students will learn techniques for successful research including documentation and citation of resources, evaluation of information resources, and bibliographic conventions. Students will work 120 volunteer or 150 paid hours during the semester. General Work Experience is for students whose work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

**Los Banos Off-Campus**
- **Code:** 4562
- **Days and Time:** MWF 08:00a-08:50a
- **Location:** Mendes, D
- **OFLL-LBPC**
- **Comments:** Section 4562 is located at Positive Changes; 1001 6th Street; Los Banos.

**Merced Campus**
- **Code:** 6012
- **Days and Time:** F 05:20p-06:50p
- **Location:** Valladao, E
- **PS-1**
- **Comments:** Web Component which will require you to have internet access.

#### LAND-12 Landscape Design
- **Units:** 3.0
- **Hours:** 2.0 lec,
- **3.0 hours lab.** This course includes the principles of landscape design and studies in form, space, color, texture, scale, balance, utility, and contrast. Materials used in landscape developments, site analysis, problems of design, correct use of plant material relating to ecology and function of landscape structures in the plan will be encompassed in this course. Basic irrigation design is also a component of the course.

**Merced Campus**
- **Code:** 6008
- **Days and Time:** TTh 05:30p-07:45p
- **Location:** Armenta, E
- **PS-2**
- **Comments:** Web Component which will require you to have internet access.

#### LAND-14 Landscape Construction & Installation
- **Units:** 3.0
- **Hours:** 2.0 lec,
- **3.0 hours lab.** Advisories: ENGL-A; MATH-80. This course covers the fundamentals of landscape construction including soil preparation, paving and construction materials, hand and power tool use, turf and plant installation, plan reading, estimating and bid preparation. The course also covers local codes and state requirements and prepares students to pass the C-27 Landscaping Contractor’s License Exam.

**Merced Campus**
- **Code:** 1077
- **Days and Time:** TTh 01:00p-03:15p
- **Location:** Armenta, E
- **PS-2**
- **Comments:** Web Component which will require you to have internet access.

#### LAND-24 Work Experience in Landscape Horticulture
- **Units:** 1.0
- This course enables students to earn college credit for learning or improving skills or knowledge on-the-job. Occupational Work Experience is discipline-specific and must connect to the student's major or occupation-related field of study. Students will work 120 volunteer or 150 paid hours during the semester. General Work Experience is for students whose work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

**Los Banos Off-Campus**
- **Code:** 3106
- **Days and Time:** -
- **Location:** Codd, A
LBST-20 Introduction to Education II
3.0 units: 36.0 hours lec, 54.0 hours lab. Prerequisite: Take LBST-10 Minimum grade C,P. Students are provided additional opportunities to explore the teaching profession and how their personalities will fit with their career choice. Students will observe students and teachers in 4-8 Math and Science classroom environments and share observations with faculty and peers in weekly meetings to note differences in students, teaching/learning styles, and their personal reactions to the classroom setting. Placements for LBST 20 will be in a classroom setting different from placements for LBST-10 so students may obtain maximum variety of experience. This course is intended for students who plan to teach in the K-8 levels; the course is required of students in their second year of the CSU Stanislaus Liberal Studies Program. Students must provide own transportation to off-campus school sites. Note: Fingerprint clearance and TB clearance are required. Students must dress appropriately as recommended by off-campus school sites. Observation placements are required for class and will not be available for students with felony convictions. Insufficient observation exposure will negatively affect grades.

Online
2344
Pimentel, M
Online
Comments: Section 2344 requires three additional lab hours per week. Recommended Orientation is Friday, January 17th, 4:00-4:50pm in Lesher 111. Students who did not complete LBST 10 at Merced College must obtain a LiveScan and TB clearance by the first Friday of the semester. Please see Dr. Pimentel in COMM 13 about the LiveScan and TB processes.

Merced Campus
2338
F 04:00p-04:50p LESH-111
Comments: Section 2338 requires three additional lab hours per week. ORIENTATION: Recommended: Friday; January 17; 04:00p-04:50p; LESH-111. COMMENT: Students who did not complete LBST-10 at Merced College must obtain a LiveScan and TB clearance by the first Friday of the semester. Please see Dr. Pimentel in COMM-13 about the Livescan and TB processes.

LBST-24 Work Experience in Education
1.0 units
This course enables students to earn college credit for learning or improving skills or knowledge on-the-job. Occupational Work Experience is discipline-specific and must connect to the student's major or occupational goal(s). Seventy-five (75) hours of documented paid work experience equals 1 unit of credit. Sixty hours (60) of documented volunteer experience equals 1 unit of credit. A student may enroll in up to 16 total units of work experience at Merced College. Students must have an established work site prior to enrolling in the course.

Merced Campus
3157
- Cabezut-Ortiz, D
Comments: This course has a MANDATORY ORIENTATION. Please see the the Work Experience Webpage for orientation dates: http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html. Students registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 1 unit course is designed for students who will work 60 volunteer or 75 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.
MGMT-50F Team Building

Merced Campus
9148 T 05:30p-08:20p Morse, J VOC-39
Comments: Section 9148 is held 02/04/20 to 02/18/20.

MGMT-52D Managing Organizational Change

Merced Campus
9151 T 05:30p-08:20p Morse, J VOC-39
Comments: Section 9151 is held 02/25/20 to 03/10/20.

MGMT-50I Attitude in the Workplace

Merced Campus
9152 T 05:30p-08:20p Morse, J VOC-39
Comments: Section 9152 is held 04/07/20 to 04/28/20.

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-50A Challenges of Leadership: Difficult People/Tough Conversations

Merced Off-Campus
9701 Th 08:00a-12:15p Pistoresi, P BRC-122
Comments: Section 9701 is held 03/05/20 and 03/12/20.
9702 Th 01:00p-05:15p Pistoresi, P BRC-122
Comments: Section 9702 is held 03/05/20 and 03/12/20.
9703 W 01:00p-05:15p Morse, J BRC-122
Comments: Section 9703 is held 03/11/20 and 03/18/20.

MGMT-50B Values & Ethics

0.5 units: 0.5 hours lec.
This course is designed to acquaint the participant with the importance of values and ethics in the workplace. Emphasis will be placed on how
MERCED COLLEGE

209.384.6000

CLASSES

values influence actions, evaluating ones ethical behavior, and helping people do the right thing. Pass/No Pass only.

**Merged Off-Campus**

9722 Th 08:00a-12:15p Zdanowski, M BRC-123 Comments: Section 9722 is held 05/14/20 and 05/21/20.

9723 Th 01:00p-05:15p Zdanowski, M BRC-123 Comments: Section 9723 is held 05/14/20 and 05/21/20.

**MGMT-50C Time Management**

0.5 units: 0.5 hours lec.
Advisories: ENGL-81, ENGL-84. This course is designed to introduce the student to time management principles and specific tools that assist in making maximum use of time. Emphasis will be placed on how to prioritize, identifying time wasters, and goal setting. Pass/No Pass only.

**Merged Off-Campus**

9725 W 08:00a-12:15p Roper, R OFML-ATW Comments: Section 9725 is held 02/05/20 and 02/12/20. Off Site Location: City of Atwater Community Center - 760 E Bellevue Rd., Atwater, CA 95301.

**MGMT-50D Communication in the Workplace**

0.5 units: 0.5 hours lec.
This course is designed to introduce the student to key elements in communication within business organizations. Topics will include verbal and nonverbal communication, listening skills and specific workplace communication skills. Pass/No Pass only.

**Merged Off-Campus**

9705 Th 08:00a-12:15p Pistoresi, P BRC-122 Comments: Section 9705 is held 01/23/20 and 01/30/20.

9706 Th 01:00p-05:15p Pistoresi, P BRC-122 Comments: Section 9706 is held 01/23/20 and 01/30/20.

**MGMT-50F Team Building**

0.5 units: 0.5 hours lec.
Advisories: ENGL-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. Students will learn to recognize various personalities and how their strengths and weaknesses impact a team. Students will be introduced to team building in the workplace. Pass/No Pass only.

**Merged Off-Campus**

9707 Th 08:00a-12:15p Lacey, E BRC-122 Comments: Section 9707 is held 03/19/20 and 03/26/20.

9708 Th 01:00p-05:15p Lacey, E BRC-122 Comments: Section 9708 is held 03/19/20 and 03/26/20.

**MGMT-50G Decision Making & Problem Solving**

0.5 units: 0.5 hours lec.
Advisories: ENGL-81, ENGL-84. This course is designed to introduce the student to decision-making and problem-solving techniques. Pass/No Pass only.

**Merged Off-Campus**

9727 W 08:00a-12:15p Roper, R OFML-ATW Comments: Section 9727 is held 04/01/20 and 04/08/20. Off Site Location: City of Atwater Community Center - 760 E Bellevue Rd., Atwater, CA 95301.

**MGMT-50H Customer Service**

0.5 units: 0.5 hours lec.
This course is designed to provide the student with certain key skills and attitudes in order to effectively meet the needs of customers. The participants will be introduced to the key elements of outstanding customer service. Topics will also include understanding and exceeding customer expectations, and how to deal with unrealistic expectations. The course addresses why customers leave, and the long-term value of customers. Pass/No Pass only.

**Merged Off-Campus**

9709 Th 08:00a-12:15p Lacey, E BRC-123 Comments: Section 9709 is held 02/20/20 and 02/27/20.

9710 Th 01:00p-05:15p Lacey, E BRC-123 Comments: Section 9710 is held 02/20/20 and 02/27/20.

**MGMT-50I Attitude in the Workplace**

0.5 units: 0.5 hours lec.
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. Students will be introduced to the concepts of how attitudes are communicated, and how to adjust one's attitude. Pass/No Pass only.

**Merged Off-Campus**

9711 Th 08:00a-12:15p Lacey, E BRC-122 Comments: Section 9711 is held 04/23/20 and 04/30/20.

9712 Th 01:00p-05:15p Lacey, E BRC-122 Comments: Section 9712 is held 04/23/20 and 04/30/20.

**MGMT-50K Generational Diversity: Managing Cross Generational Teams**

0.5 units: 0.5 hours lec.
America has multiple generations working side by side in the workplace. This course is designed to equip students with knowledge and skills to work with and lead cross-generational teams. Pass/No Pass only.

**Merged Off-Campus**

9713 Th 08:00a-12:15p Pistoresi, P BRC-122 Comments: Section 9713 is held 02/06/20 and 02/20/20.

9714 Th 01:00p-05:15p Pistoresi, P BRC-122 Comments: Section 9714 is held 02/06/20 and 02/20/20.

9715 W 01:00p-05:15p Morse, J BRC-122 Comments: Section 9715 is held 02/12/19 and 02/19/20.

**MGMT-50L Authentic Leadership: Know Yourself/ Lead Your People**

0.5 units: 0.5 hours lec.
This course is designed to help participants recognize the importance of authenticity in leadership. Participants will learn what followers look for in a leader. The importance of trust in a leader and on a team will be explored. The connection of authenticity and employee engagement will be defined. Pass/no pass only.

**Merged Off-Campus**

9716 Th 08:00a-12:15p Morse, J BRC-122 Comments: Section 9716 is held 05/07/20 and 05/14/20.

9717 Th 01:00p-05:15p Morse, J BRC-122 Comments: Section 9717 is held 05/07/20 and 05/14/20.

9718 W 01:00p-05:15p Morse, J BRC-122 Comments: Section 9718 is held 05/13/20 and 05/20/20.

**MGMT-50P Emotional Intelligence**

0.5 units: 0.5 hours lec.
This course is an introduction to the principles of Emotional Intelligence (EQ). EQ is the ability to identify and understand your emotions and those of others and use this understanding to guide your behavior and manage relationships. Topics covered include the five competencies of EQ: self-awareness, self-regulation, motivation, and effective relationships. Pass/No Pass only.

**Merged Off-Campus**

9719 Th 08:00a-12:15p Pistoresi, P BRC-122 Comments: Section 9719 is held 04/02/20 and 04/09/20.

9720 Th 01:00p-05:15p Pistoresi, P BRC-122 Comments: Section 9720 is held 04/02/20 and 04/09/20.

9721 W 01:00p-05:15p Morse, J BRC-122 Comments: Section 9721 is held 04/01/20 and 04/08/20.

**MGMT-51F Conflict Resolution**

0.5 units: 0.5 hours lec.
This course is designed to introduce participants to the meaning of conflict, the causes of conflict, and strategies for resolving interpersonal conflict as well as dealing with difficult customers. Pass/No Pass only.

**Merged Off-Campus**

Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
MGMT-51G Stress Management
0.5 units: 0.5 hours lec.
This course is designed to acquaint the participant with key elements of stress management. Topics will include the recognition of stress, causes of stress, and the benefits of stress management. Various stress management techniques will be covered. Pass/No Pass only.

Merced Off-Campus
9724 W 08:00a-12:15p Roper, R OFML-ATW
Comments: Section 9724 is held 01/15/20 and 01/22/20. Off Site Location: City of Atwater Community Center - 760 E Bellevue Rd., Atwater, CA 95301.

MGMT-52D Managing Organizational Change
0.5 units: 0.5 hours lec.
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. Topics will include understanding organizational change, stages of change, and how to manage organizational change. Pass/No Pass only.

Merced Off-Campus
9728 W 08:00a-12:15p Roper, R OFML-ATW
Comments: Section 9728 is held 05/06/20 and 05/13/20. Off Site Location: City of Atwater Community Center - 760 E Bellevue Rd., Atwater, CA 95301.

Marketing (MKTG)

MKTG-33 Advertising
3.0 units: 3.0 hours lec.
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 Campus
6316 T 05:30p-08:20p Skunca, J VOC-37
Comments: Requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.

Mathematics Noncredit (MAT)

MAT-101 College Prep Math I: Operations of Whole Numbers
0.0 units
45-63 Total: Open Entry. This is an introductory course of the whole number system, including counting, notation, and the number line. Particular emphasis is placed on the basic computational skills, addition, subtraction, multiplication, and division.

Los Banos Campus
5018 TTH 9:30a-10:45a STAFF
Merced Campus
5062 MWF 11:00a-01:00p Bell, S
5085 W 05:00p-08:00p Bell, S

MAT-102 College Prep Math II: Applications of Whole Numbers
0.0 units:
45-63 Total: Open Entry. This is an introductory course of the whole number system, with an emphasis on application problem solving. Particular emphasis is placed on the area, volume, and perimeter of geometric figures.

Los Banos Campus
5019 TTH 9:30a-10:45a STAFF
Merced Campus

MATH-02 Precalculus
4.0 units: 4.0 hours lec.
Prerequisite: Previously taken MATH-25 and passed with a minimum grade C OR Concurrently enrolled in MATH-95PThis 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 Campus
1467 MTWTh 12:00p-12:50p Sutterfield, M IAC-144
Comments: Section 1467 requires students to register for MATH-95P-1061. Section 1467 requires online assignments. Additional fees apply. For specific text/access code please see your instructor. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.
1468 MTWTh 12:00p-12:50p Sutterfield, M IAC-144
Comments: Section 1468 is concurrent with MATH-02-1467. Section 1468 requires online assignments. Additional fees apply. For specific text/access code please see your instructor. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.
1486 TTh 10:00a-11:50a Meidinger, M SCI-204
Comments: Section 1486 requires online assignments. Additional fees apply. For specific text/access code please see your instructor. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.
1487 MTWTh 10:00a-10:50a Mitchell, P SCI-207
Comments: Section 1487 requires online assignments. Additional fees apply. For specific text/access code please see your instructor. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.
1488 TTh 02:00p-03:50p Albert, M SCI-202
Comments: Section 1488 requires online assignments. Additional fees apply. For specific text/access code please see your instructor. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.
you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

1489  MTWTh 09:00a-09:50a Sutterfield, M SCI-207
Comments: Section 1489 requires students to register for MATH-95P-1094. Section 1489 requires online assignments. Additional fees apply. For specific text/access code please see your instructor. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

2354  Meidinger, M
Comments: CONTACT: meidinger.m@mccd.edu IN-CLASS SESSIONS: MANDATORY - Mid-Term #1 - February 26, 2020; 03:00p-04:50p; SCI-203. MANDATORY - Mid-Term #2 - April 01, 2020; 03:00p-04:50p; SCI-203. MANDATORY - Final Exam - May 20, 2020; 04:00p-05:50p; SCI-203. COMMENTS: Students should check their Merced College email for instructions from the instructor on or before the first day of class and are expected to log into the course by January 17, 2020 and complete the orientation assignment or risk being withdrawn from the course. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

6020  TTh 05:30p-07:20p Radhakrishnan, D IAC-144
Comments: Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

9022  MTWTh 01:00p-02:50p Swenson, D SCI-203
Comments: Section 9022 is held from 03/16/20 to 05/21/20. Section 9022 requires students to register for MATH-25-9021. Section 9022 requires online assignments. Additional fees apply. For specific text/access code please see your instructor. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

Los Banos Campus

4604  MW 10:00a-11:50a LB-B-134
4620  MW 10:00a-11:50a LB-B-112
Comments: Section 4620 requires students to register for MATH-95P-4628. Section 4620 requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.

MATH-02H Honors Precalculus
4.0 units: 4.0 hours lec.
Prerequisite: Take MATH-25, Minimum grade C,P; 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. There will be an emphasis in the use of available technology, mathematical writing, and collaborative learning.

Merced Campus

1452  TTh 10:00a-11:50a Meidinger, M SCI-204
Comments: Section 1452 requires online assignments. Additional fees apply. For specific text/access code please see your instructor. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

MATH-04A Calculus I
4.0 units: 72.0 hours lec.
Prerequisite: Take MATH-02 or MATH-02H; Minimum grade C,P; This course covers limits, continuity, differentiation and integration of algebraic and trigonometric functions along with their respective applications.

Merced Campus

1248  MWF 07:45a-08:50a Reali, J SCI-203
Comments: Section 1248 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

1334  MTWTh 02:00p-02:50p Meidinger, M SCI-207
Comments: Section 1334 requires online assignments. Additional fees apply. For specific text/access code please see your instructor. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

2313  Meidinger, M
Comments: CONTACT: meidinger.m@mccd.edu IN-CLASS SESSIONS: MANDATORY - Mid-Term #1 - February 24, 2020; 03:00p-04:50p; SCI-203. MANDATORY - Mid-Term #2 - March 30, 2020; 03:00p-04:50p; SCI-203. MANDATORY - Final Exam - May 18, 2020; 03:00p-04:50p; SCI-203. COMMENTS: Students should check their Merced College email for instructions from the instructor on or before the first day of class and are expected to log into the course by January 17, 2020 and complete the orientation assignment or risk being withdrawn from the course. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

Los Banos Campus

4622  TTh 08:00a-09:50a Shumaker, N LB-B-106
Comments: Section 4622 requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.

MATH-04B Calculus II
4.0 units: 4.0 hours lec.
Prerequisite: Take MATH-04A Minimum grade C,P; This course is a continuation of MATH-04A, addressing conic sections, transcendental functions, methods of integration, hyperbolic functions, improper integrals, Taylor's Formula, infinite series, and plane curves and polar coordinates.

Merced Campus

1513  MTWTh 12:00p-12:50p Bruley, M SCI-203
Comments: Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional. Requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

1580  MW 02:00p-03:50p Albert, M SCI-202
Comments: Section 1580 requires online assignments. Additional fees apply. For specific text/access code please see your instructor. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

6282  MW 05:30p-07:20p Hogan, G SCI-207
Comments: Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

Los Banos Campus

4624  TTh 10:00a-11:50a Shumaker, N LB-B-106
Comments: Section 4624 requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.

MATH-04C Multivariable Calculus
4.0 units: 4.0 hours lec.
Prerequisite: Take MATH-04B Minimum grade C,P; This course covers vectors and solid analytic geometry, vector-valued functions, partial differentiation, multiple integrals, and topics in vector calculus including Green's and Stokes' theorems.

Merced Campus

1491  MWF 07:45a-08:50a Navarro, I VOC-112
Comments: Section 1491 requires online assignments. Addi-
Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
There are no fees for this lab and attendance is optional.

**MATH-15 Finite Mathematics**

3.0 units: 3.0 hours lec.
Prerequisite: Take MATH-C or MATH-D or MATH-61 or MATH-62.
Minimum grade C,P; This course covers algebra review, linear models, systems of linear equations, matrices, linear programming, mathematics of finance, set theory, and probability. This course includes applications to business, economics, psychology, and sociology.

**Merced Campus**

1503 MW/F 09:00a-09:50a Clark, J SCI-208
Comments: Section 1503 requires online assignments. Additional fees apply. For specific text/access code please see your instructor. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001).

There are no fees for this lab and attendance is optional.

**Los Banos Campus**

4598 MWF 08:00a-08:50a Schlinger, C LB-B-135

**MATH-20A Basic Structure of Math I**

3.0 units: 3.0 hours lec.
Prerequisite: Take MATH-C or MATH-D or MATH-61 or MATH-62.
Minimum grade C,P; 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. It covers elementary set theory, numeration systems, number theory, the set of integers, the set of rational numbers, and the set of real numbers.

**Merced Campus**

1504 MWF 12:00p-12:50p Reali, J SCI-204
Comments: Section 1504 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001).

There are no fees for this lab and attendance is optional.

6123 Th 06:30p-09:20p Mohan, R SCI-204
Comments: Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001).

There are no fees for this lab and attendance is optional.

**MATH-20B Basic Structure of Mathematics II**

3.0 units: 3.0 hours lec.
Prerequisite: Take MATH-C or MATH-D or MATH-61 or MATH-62.
Minimum grade C,P; 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. This course covers the structure of plane and solid geometry, measurement, introduction to coordinate geometry, elementary probability, and statistics.

**Los Banos Campus**

4616 TTh 02:00p-03:15p LB-B-110

**MATH-25 Trigonometry**

3.0 units: 54.0 hours lec.
Prerequisite: Take MATH-C or MATH-61; Minimum grade C,CR; 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 Campus**

1230 TTh 08:00a-09:15a Swenson, D SCI-202
Comments: Section 1230 requires online assignments. Additional fees apply. For specific text/access code please see your instructor. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001).

There are no fees for this lab and attendance is optional.

1745 MFW 10:00a-10:50a Saad, B IAC-144
Comments: Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001).

There are no fees for this lab and attendance is optional.
There are no fees for this lab and attendance is optional. Requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

2330 Meidinger, S
Comments: CONTACT: meidinger.s@mccd.edu ORIENTA-
TION: MANDATORY - January 13, 2020; 03:30p-05:20p; SCI-111. IN-CLASS SESSIONS: MANDATORY - Mid-Term - February 24, 2020; 03:30p-05:20p; SCI-111. MANDATORY - Final Exam - May 18, 2020; 03:00p-04:50p; SCI-111. COM-
MENTS: Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

9021 MTW 01:00p-02:50p Swenson, D SCI-203
Comments: Section 9021 is held from 01/13/20 to 03/11/20. Section 9021 requires students to register for MATH-02-9022. Section 9021 requires online assignments. Additional fees apply. For specific text/access code please see your instructor. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

Los Banos Campus
4618 MWF 12:00p-12:50p Shumaker, N LB-B-110
Comments: Section 4618 requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.

MATH-61 Beginning & Intermediate Algebra for STEM
6.0 units: 90.0 hours lec.
Prerequisite: Take MATH-80; Minimum grade C,P; This course covers topics in both beginning and intermediate algebra. The beginning algebra topics include order of operations, graphing linear equations, solving equations and inequalities that are linear in form, operations on polynomi-
aals, and a brief introduction to functions. The intermediate algebra topics include factoring, graphing linear and non-linear functions, including piecewise defined graphs, problem solving with non-linear equations, working with complex numbers, and graphing conic sections. This course is designed to prepare students for mathematics course work in trigonome-
try and precalculus.

Merced Campus
1463 MWF 10:00a-11:50a Gargova, S SCI-202
Comments: Section 1463 requires online assignments. Additional fees apply. For specific text/access code please see your instructor. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

Los Banos Campus
4588 MWF 02:00p-03:50p Bryan, J LB-B-111
Comments: Section 4588 requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.

4590 MWF 12:00p-01:50p Schlinger, C LB-B-136

MATH-62 Beginning & Intermediate Algebra For Liberal
Arts
5.0 units: 72.0 hours lec.
Prerequisite: Take MATH-80; Minimum grade C,P; This course covers the four basic operations on real numbers and algebraic expressions. Topics include order of operations, graphing and solving linear and absolute value equations and inequalities, systems of linear equations, quadratic, variation, geometric, financial, polynomial, exponential, and logarithmic models. This course is designed for non-STEM majors.

Merced Campus
1455 TTh 02:00p-04:15p Meidinger, S SCI-204
Comments: Section 1455 requires online assignments. Additional fees may apply. For specific text/access code please see your instructor. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001).

1529 MWF 12:00p-01:25p Navarro, I SCI-111
Comments: Section 1529 requires online assignments. Additional fees apply. For specific text/access code please see your instructor. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

1531 TTh 11:00a-01:15p Meidinger, S VOC-112
Comments: Section 1531 requires online assignments. Additional fees may apply. For specific text/access code please see your instructor. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

1534 MWF 01:00p-03:15p Bruley, M SCI-204
Comments: Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional. Comments: Requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

1535 MW 02:00p-04:15p Lane, J SCI-208
Comments: Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

1539 MWF 08:00a-09:25a Diaz, L IAC-143
Comments: Section 1539 requires online assignments. Additional fees apply. For specific text/access code please see your instructor. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

2382 Albert, M
Comments: CONTACT: maria.albert@mccd.edu ORIENTA-
TION: MANDATORY - January 14, 2020; 09:00a-10:50a; IAC-
144. IN-CLASS SESSIONS: MANDATORY - Final Exam - May 19, 2020; 09:00a-10:50a; IAC-144. COMMENTS: Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

6275 MW 07:30p-09:45p Mohan, R IAC-144
Comments: Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

6277 TTh 05:30p-07:45p Lane, J SCI-202
Comments: Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

Los Banos Campus
4592 MWF 10:00a-11:25a Schlinger, C LB-B-106
4594 MWF 08:00a-09:25a Bryan, J LB-B-111
Comments: Section 4594 requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.

MATH-80 Prealgebra
4.0 units: 72.0 hours lec.
Advisories: ENGL-81, ENGL-81L. 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. It also covers real world application problems, formulas, measurement concepts, and an introduction to algebra including addition, subtraction, and multipli-
cation of algebraic expressions.

Merced Campus
1133 MTWTh 12:00p-12:50p Mitchell, P SCI-208
Comments: Section 1133 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.
MATH-88 Preparation for Elementary Statistics
4.0 units: 4.0 hours lec.
Prerequisite: Take Math-80; Minimum grade C,P; An accelerated one-semester course to transfer-level Elementary Statistics covering core concepts from arithmetic, pre-algebra, elementary and intermediate algebra, and descriptive statistics that are needed to understand the basics of college-level statistics. Concepts are taught through the context of descriptive data analysis. Topics include arithmetic and algebra skills needed to understand the concepts and formulas, solving and graphing linear equations, modeling with linear functions, and solving contextualized problems. This course is NOT intended for math, science, computer science, business, or engineering majors. Non-degree applicable.

Los Banos Campus
4578 MW 02:00p-03:50p Albertson, I LB-B-134
4582 TTh 10:00a-12:20p Robinson, D LB-B-111

MATH-105 PreCalculus Support
1.0 units: 1.0 hours lec.
Prerequisite: Concurrent enrollment in MATH-02. A review of the core prerequisite skills, competencies, and concepts needed in pre-calculus. Topics include concepts from elementary algebra, intermediate algebra, and trigonometry. Intended for students who are concurrently enrolled in pre-calculus.

Los Banos Campus
4606 F 10:00a-12:50p LB-B-134
4628 F 10:00a-12:50p LB-B-112

MATH-95S Statistics Support
1.0 units: 3.0 hours lab. Prerequisite: Concurrent Enrollment in MATH-10A review of the core prerequisite skills, competencies, and concepts needed in statistics. Topics include concepts from prealgebra, elementary and intermediate algebra and the development of critical thinking skills needed for statistical analysis. Intended for students who are concurrently enrolled in Elementary Statistics.

Merced Campus
1055 MWF 10:00a-10:50a Rieg, K VOC-112
1057 TTh 08:00a-09:15a Dawson, C SCI-203
1060 MWF 10:00a-10:50a Montoya, J SCI-203
1070 MWF 08:00a-08:50a Dawson, C SCI-204
1088 MW 01:00p-01:50p Montoya, J VOC-112

Merced Campus
1124 MTWTh 02:00p-02:50p Navarro, I IAC-143

Additional fees may apply. For specific text/access code please see your instructor.

MATH-C Intermediate Algebra
4.0 units: 72.0 hours lec.
Prerequisite: Take MATH-A or MATH-81. Minimum grade C,P; 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 Campus
1094 MTW 08:00a-08:50a Sutterfield, M SCI-207 Comments: Section 1094 requires students to register for MATH-02-1489. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.
Courses with this icon have course materials that are free of charge and therefore not required to be purchased.

3.0 hours lab. Prerequisite: Take MECH-30; Minimum grade C,P.
This course presents the skills and knowledge required in the Mechanized Ag/Diesel Technology field. Skills covered include Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Oxyfuel Cutting and Brazing (OFC & OBF), and metal fabrication. Skills will be fashioned around industry-accepted standards of performance.

### Merced Campus

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<td>9147</td>
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<td>08:00a-09:00a</td>
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This is a learning community and requires registering in MECH-08-9146, MECH-23-9020, MECH-24-9002, MECH-27-9003, and MECH-32-9004.

### MECH-10 Agricultural and Industrial Techn Skills

#### Technical Skills

- **3.0 units**: 2.0 hours lec, 3.0 hours lab.

  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 woodwork, concrete materials and mixes, and sketching and estimating.

### Merced Campus

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</table>

[Web component which will require you to have internet access.]

### MECH-13 Agriculture Equipment -Spring

- **3.0 units**: 2.0 hours lec, 3.0 hours lab.

  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. The selection and operation of both machinery and tractors will be practiced. Safety will be stressed throughout.

### Merced Campus

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</table>

[Web component which will require you to have internet access.]

### MECH-23 Diesel Fuel Systems Diagnostics

- **2.0 units**: 18.0 hours lec, 54.0 hours lab.

  Advisories: ENGL-A. This course includes the study of common types of diesel fuel injection systems. Design and theory of distributor type, multi-plunger inline type, and common rail diesel fuel injection systems will be covered. Testing and diagnostic procedures for various fuel systems is an important part of the course. Service and adjustments of injectors, nozzles, and governors will also be covered.

### Merced Campus

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[Comments: Section 9020 is held from 02/24/20 to 03/25/20. This is a learning community and requires registering in MECH-08-9146, MECH-23-9020, MECH-24-9002, MECH-27-9003, and MECH-32-9004.]

<table>
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<td>Donovan, T</td>
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[Comments: Section 9290 is held from 02/24/20 to 03/25/20.]

### MECH-24 Power Trains

- **4.0 units**: 36.0 hours lec, 108.0 hours lab.

  Advisories: ENGL-A. This course is a study of the function and repair of a power train from the clutch through the final drive. Topics will include the theory of operation, maintenance, diagnosis, and repair of transmission and differential systems.
repair of clutches and torque converters, mechanical and hydraulic trans-
missions, differential, and final drives. Safety will be stressed throughout.

**MERCED COLLEGE**

**209.384.6000**

**CLASSES**

**MECH-27 Applied Diesel Technical Skills**

2.0 units: 18.0 hours lec.
54.0 hours lab. Prerequisite: Take MECH-22A Minimum grade C.P; This course includes applied skill in the service and repair of diesel engines and their sub-systems. Emphasis is placed upon in-frame service/rebuild applications, electronic service information, and component installation and timing. Testing and diagnostic procedures for after service/repair is an important part of the course. Industry safety is emphasized throughout the course.

**Merced Campus**

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<tr>
<td>9291</td>
<td>MTWTh</td>
<td>Ornelas, R</td>
<td>MA-1</td>
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**MECH-31 Equipment Safety**

1.0 units: 1.0 hours lec.
This course is a study of safety on and about farm equipment and machines. The safe operation and daily maintenance of machines commonly used in the daily operation of farming operations will be covered along with hitching, driving, and operational safety skills. The safety rules and laws that apply to agriculture equipment will be stressed.

**Merced Campus**

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<td>9072</td>
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<tr>
<td>9257</td>
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**MECH-32 Applied Electrical & Hydraulic**

3.0 units: 36.0 hours lec.
54.0 hours lab. Advisories: ENGL-A; MECH-21, MECH-26. This course is designed to give the student knowledge and competencies in modern cab and chassis electrical, electronic, electro hydraulic, and hydraulic systems. Testing, diagnosis, repair, and replacement of computer-controlled systems, monitors, sensors, lighting systems, wiring harness, electro-hydraulic systems, and hydraulic systems will be emphasized throughout the course.

**Merced Campus**

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**MECH-35 Compact Power Equipment**

3.0 units: 2.0 hours lec.
3.0 hours lab. Advisories: ENGL-A; 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. Topics include application of compact engine systems to various machines, power transmission systems, attachments, related engine systems to various machines, power transmission systems, attachments, related engine systems, equipment operation, problem solving, and component failures.

**Merced Campus**

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<td>Ornelas, R</td>
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**MECH-51 Truck Brake & Chassis**

4.0 units: 2.0 hours lec.
6.0 hours lab. Advisories: ENGL-81, ENGL-84. This course is a study of truck and bus mechanics. It includes a study of the running gear, tires, wheels, brakes, electrical systems wiring, services, maintenance, and safety inspection. Troubleshooting and servicing are major portions of this course.

**Merced Campus**

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<tr>
<td>6116</td>
<td>TTh</td>
<td>Donovan, T</td>
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**Medical - Noncredit (MED)**

**MED-717 Medical Assisting**

0.0 units
This entry level course designed for the adult students who desire voca-
tional training in the field of medical assisting. Course instruction includes an overview of the career of medical assisting, knowledge of medical law and ethics, oral and written communication skills, medical terminology, anatomy and physiology, and administrative and clinical office procedures. This course is 960 hours in duration and is open entry format.

**Merced Off-Campus**

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<tr>
<td>5903</td>
<td>MTWTh</td>
<td>Eighmey, P</td>
<td>BRC-220</td>
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**Music: Applied (MUSA)**

**MUSA-20 Applied Music**

0.5 units:
1.5 hours lab. This course provides for private individual instruction in voice, piano, or traditional band or orchestra instruments at a level equivalent to that of a music major in the appropriate term of the their freshman or sophomore year of music studies. It requires one lesson per week with a private instructor approved by the music department faculty. A minimum of 15 lessons must be verified. A jury examination by the music department faculty is required at the conclusion of the course. This course can be repeated three times.

**Merced Campus**

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<tr>
<td>1560</td>
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<td>Doiel, M</td>
<td>MUS-2</td>
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**MUSA-21A Voice I**

3.0 units: 3.0 hours lec.
This is a course in elementary voice training. It emphasizes posture, diaphragmatic-intercostals breathing, breath support, breath control, tonal placement, articulation, stage presence, and overcoming performance anxiety. Critical evaluation, demonstration, and written reviews will be required. A basic understanding of music fundamentals, although not required, would be highly desirable.

**Merced Campus**

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<tr>
<td>1006</td>
<td>TTh</td>
<td>Simon, A</td>
<td>MUS-1</td>
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**MUSA-25A Guitar I**

3.0 units: 3.0 hours lec.
This course is an introduction to the basic playing techniques, theory and history of the guitar. Students will develop a basic foundation for playing the guitar while surveying its historical development and various stylistic uses in artistic, folk, and popular music.

Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
MUSG-10  Music Fundamentals
3.0 units: 3.0 hours lec.
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. The course is applicable to those who have learned to play and sing without training in fundamentals and to beginners in music. This course is open to all students.

Merced Campus
1551  TTh  08:00a-09:15a  Simon, A
1750  MWF  09:00a-09:50a  Simon, A
6110  Th  05:30p-08:20p  Stocking, S
MUS-2

MUSG-13  Jazz Music History
3.0 units: 3.0 hours lec.
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. Special emphasis will be given to developing listening skills appropriate to the understanding and appreciation of jazz. International influences and the development of jazz as a world musical form will be discussed. This course is a listener’s guide to the appreciation of jazz and incorporates principles of structure, expression, instrumentation, cultural and social issues integral to jazz music.

Merced Campus
1031  MW  02:00p-03:15p  Taylor, K
1997  MWF  09:00a-09:50a  Simon, A
VOC-138

Music: General (MUSG)

MUST-02  Music Theory II (Diatonic Harmony II)
3.0 units: 3.0 hours lec.
This course is designed for the beginning student who has learned to play and sing without training in fundamentals and to who are interested in music. The course is applicable to those who have learned to play and sing without training in fundamentals and to beginners in music. This course is open to all students.

Merced Campus
1915  TTh  12:30p-01:45p  Dahman, N
1924  MW  03:30p-04:45p  Taylor, K
2047  TTh  02:00p-03:15p  Dahman, N
VOC-138

MUSIC-04A  Music Theory I (Diatonic Harmony I)
3.0 units: 3.0 hours lec.
This course is designed for the beginning student who has learned to play and sing without training in fundamentals and to who are interested in music. The course is applicable to those who have learned to play and sing without training in fundamentals and to beginners in music. This course is open to all students.

Merced Campus
1482  MWF  10:00a-10:50a  Simon, A
1785  TTh  12:30p-01:45p  Doiel, M
1865  MWF  09:00a-09:50a  Smallwood, P
1884  TTh  11:00a-12:15p  Stocking, S
MUS-2

Music: Theory (MUST)

MUST-02  Music Theory II (Diatonic Harmony II)
3.0 units: 3.0 hours lec.
This course is designed for the beginning student who has learned to play and sing without training in fundamentals and to who are interested in music. The course is applicable to those who have learned to play and sing without training in fundamentals and to beginners in music. This course is open to all students.

Merced Campus
1047  TTh  02:00p-03:15p  Dahman, N
1997  MWF  09:00a-09:50a  Simon, A
VOC-138
MUST-04 Music Theory IV (music Theory of the 20th & 21st Century)

3.0 units; 3.0 hours lec.
Prerequisite: Take MUS-04C Minimum grade C,P; This course incorporates the concepts from Music Theory III. In addition, through writing and analysis, the course will include: post-Romantic techniques such as borrowed chords and modal mixture, chromatic mediants, Neapolitan and augmented-sixth chords, 9th, 11th and 13th chords, altered chords and dominants; and 20th century techniques such as: Impressionism, tone rows, set theory, pandiatonicism and polytonalism, meter and rhythm.

**Merced Campus**

1205 TTh 09:30a-10:45a Doiel, M VOC-138

MUST-06 Aural Skills II

1.0 units: 0.5 hours lec.
1.5 hours lab Prerequisite: Take MUS-05A: Minimum Grade C,P; Basic drill in the singing and recognition of intervals, scales, and diatonic melodies, in treble, bass, alto, and tenor clefs. Dictation of diatonic melodies and counterpoint in first and second species.

**Merced Campus**

1181 TTh 11:00a-11:15a Doiel, M VOC-138
TTh 11:15a-11:50a Doiel, M VOC-138

MUST-08 Aural Skills IV

1.0 units: 0.5 hours lec.
1.5 hours lab Prerequisite: Take MUST-07; Minimum Grade C,P; This course applies and develops the rhythmic, melodic, and harmonic materials of Music Theory IV through ear training, sight singing, analysis, and dictation.

**Merced Campus**

1182 TTh 11:00a-11:15a Doiel, M VOC-138
TTh 11:15a-11:50a Doiel, M VOC-138

Nutrition (NUTR)

NUTR-10 Nutrition

3.0 units: 54.0 hours lec.
Prerequisite: ENGL-01A 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. It includes discussion on the nutritional values of foods, current topics in nutrition and nutritional needs throughout the life cycle. The relationship between diet and diseases will also be covered. Advisory: MATH-80

**Online**

2002 Online Comments: CONTACT: jennifer.hobbs@mccd.edu for course specific questions.

2348 Online Comments: CONTACT: pecchenino.m@mccd.edu ORIENTATION: MANDATORY: Wednesday, January 15, 2020; 04:00p-05:00p; AHC-139.

2349 Online Comments: CONTACT: jennifer.hobbs@mccd.edu for course specific questions.

2911 Online Comments: Section 2911 is held 03/16/20 to 05/22/20. CONTACT: pecchenino.m@mccd.edu IN-CLASS SESSIONS: Lecture: Mondays and Wednesdays 08:00a-09:15a;

NUTR-24 Work Experience in Nutrition

1.0 units
This course enables students to earn college credit for learning or improving skills or knowledge on-the-job. Occupational Work Experience is discipline-specific and must connect to the student's major or occupational goal(s). Seventy-five (75) hours of documented paid work experience equals 1 units of credit. Sixty (60) hours of documented volunteer experience equals 1 unit of credit. A student may enroll in up to 16 total units of work experience at Merced College. Students must have an established work site prior to enrolling in the course.

**Merced Campus**

3137 Comments: This course has a MANDATORY ORIENTATION. Please see the Work Experience Webpage for orientation dates: http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work.html. This 1 unit course is designed for students who will work 60 volunteer or 75 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

3138 Comments: This course has a MANDATORY ORIENTATION. Please see the Work Experience Webpage for orientation dates: http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work.html. This 2 unit course is designed for students who will work 120 volunteer or 150 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

NUTR-41 Infant and Toddler Feeding

1.0 units: 1.0 hours lec.
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. Finally students will have the opportunity to design an age appropriate menu meeting the Child Care Food Program Guidelines. This course is recommended for child development and foods and nutrition students

**Merced Campus**

9062 Comments: Section 9062 is held 02/03/20 to 03/13/20. Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

9062 MW 12:30p-01:50p Hobbs, J VOC-39

NUTR-42 Quantity Food Preparation

3.0 units: 2.5 hours lec.
1.5 hours lab Prerequisite: Take NUTR-44 This course addresses the preparation and service for quantity foodservice operations. The focus is on food production. recipe standardization, equipment and layout, appli-
NUTR-43 Children and Weight Concerns
1.0 units; 1.0 hours lec.
This course is designed to provide an overview of the problem of childhood obesity. Students will explore reasons for the recent epidemic in our country and review the trends. Factors including pressure by the media and the connection to eating disorders will be studied. Students will look at the role of the family, school and community in addressing childhood obesity. This course is recommended for Foods and Nutrition and Child Development.

Merced Campus
9050 TTh 12:30p-01:50p Pecchenino, M VOC-39
Comments: Section 9050 is held 01/13/19 to 02/21/19. Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

NUTR-44 Food Safety and Sanitation
2.0 units; 2.0 hours lec.
This beginning course is designed to teach basic food safety principles of personal and institutional sanitation. This includes the proper storage, preparation, and service as well as HACCP, food allergies, regulations and pest management. An emphasis is placed on the Supervisor's role in maintaining high standards for these principles. This course meets the California Retail Food Code requirement section numbers 113947.1 through 113947.6. This course is required by the Dietary Service Supervisor Program and is highly recommended to those interested in working in Food Service industry as well as application to lifelong learning.

Merced Campus
9065 MW 12:00p-01:50p Hobbs, J VOC-141
Comments: Section 9065 is held 03/16/20 to 05/22/20. Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

NUTR-45 Introduction to Med Nutrition Therapy
2.0 units; 36.0 hours lec.
This course is designed to acquaint students with therapeutic and modified diets used in healthcare facilities. Topics include nutrition for disease states as well as normal nutrition needs. Students will become familiar with principles of nutrition intervention and client care. Students will be able to evaluate menus to meet the nutritional needs of patients. Cultural considerations and the management of long term care residents will be emphasized. This course is required for the student planning a career in food service supervision especially in health care institutions and recommended for nursing students. Advisory: ENGL-01A

Online
2915 Pecchenino, M Online
Comments: Section 2915 is held 03/16/20 to 05/22/20. MANDATORY ORIENTATION: Fridays, March 20, 2020; 08:00a-09:15a; LRC-157. IN CLASS SESSIONS: Fridays, April 03; and May 08, 2020; 08:00a-09:15a; LRC-157 (Learning Resource Center; 1st floor).

NUTR-50 Baking Basics & Business
1.5 units; 18.0 hours lec.
27.0 hours lab. This course is designed to introduce basic bakery production. With the growing interest and demand in the food industry it is imperative that students are introduced to basics of food safety practices, quantifying recipes and understand the business sense to provide a quality product. 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 Campus
1245 TTh 02:00p-03:15p Hicks, T IAC-108
1661 TTh 11:00a-12:15p Rempel, D IAC-108
1747 MWF 12:00p-12:50p Hallman, M IAC-109
1948 TTh 03:30p-04:45p Barnes, L IAC-109
6341 T 07:00p-09:50p Barnes, L IAC-109
9074 MWF 07:00a-08:50a Werness, G IAC-146
### PHIL-12 Introduction to Logic
3.0 units: 3.0 hours lec.
Prerequisite: ENGL-85AC or ENGL-85E. Minimum grade C, P. This course introduces the study of valid reasoning with emphasis on deductive logic. Informal fallacies and the scientific method are also covered.

#### Merced Campus
| 1333  | MWF  | 11:00a-11:50a | Hicks, T | IAC-108 |
| 1963  | TTh  | 12:30p-01:45p | Hicks, T | IAC-109 |

### PHIL-13 Critical Reasoning & Writing
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-01A Minimum grade C,P. This course offers instruction in argumentative and critical writing, critical thinking, research strategies, information literacy, and proper documentation. Readings feature mostly non-fictional essays and books that reflect diverse cultural and gender perspectives on a variety of contemporary political and social issues, especially those involving race, ethnicity, and gender. ENGL-13/PHIL-13 meets the IGETC critical thinking/composition requirement.

#### Online
| 2360  | Rempel, D | Online |
| 2397  | Chavez, C | Online |
| 2514  | Piro, V | Online |
| 2516  | Kahler, S | Online |
| 2521  | Mumford, J | Online |
| 2555  | Rempel, D | Online |

#### Merced Campus
| 1136  | MWF  | 08:00a-08:50a | Diaz, K | VOC-111 |
| 1142  | MW   | 09:30a-10:45a | Taber, J | VOC-111 |
| 1251  | MW   | 12:30p-01:45p | Rempel, D | VOC-111 |
| 1425  | TTh  | 02:00p-03:15p | Withers, M | VOC-111 |
| 1651  | MW   | 11:00a-12:15p | Withers, M | VOC-111 |
| 1668  | MW   | 10:00a-11:15a | Epstein-Corbin, S | ART-2 |

Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
PHOT-11A  Introduction to the Digital Camera
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A. Minimum grade C, P.
This historical survey course covers image capture techniques from the camera obscura through current digital technologies. The artistic significance and broad social implications of photography provide an underlying basis for critical analysis. The course includes lecture and discussion components coupled with visual presentations.

Merced Campus
1277  TTh  12:30p-01:45p  Cooper, T  ART-1

PHOT-10B  Intermediate Photography
3.0 units: 2.0 hours lec.
Prerequisite: This is a course dealing with the practical application of the basic principles of photography, emphasizing technical and artistic control and the perfection of processing, and composition. The course also provides a broad introduction to studio lighting.

Merced Campus
1987  MW  08:00a-08:50a  Sousa, J  ART-8
MW  09:00a-10:15a  Sousa, J  ART-8
Comments: PHOT-10A requires that students provide their own SLR film camera.

6038  M  04:40p-06:30p  Sousa, J  ART-8
M  06:40p-10:00p  Sousa, J  ART-8
Comments: PHOT-10A requires that students provide their own SLR film camera.

PHOT-10A  Introduction to Photography
3.0 units: 2.0 hours lec.
3.0 hours lab. Introduction to Photography covers camera and darkroom principles of black and white photography. Topics include current aesthetic trends and compositional elements, image capture techniques, exposure control, film developing, contact prints, enlargements, lighting, filters, print finishing and photo mounting.

Merced Campus
1987  MW  08:00a-08:50a  Sousa, J  ART-8
MW  09:00a-10:15a  Sousa, J  ART-8
Comments: PHOT-10A requires that students provide their own SLR film camera.

6038  M  04:40p-06:30p  Sousa, J  ART-8
M  06:40p-10:00p  Sousa, J  ART-8
Comments: PHOT-10A requires that students provide their own SLR film camera.

PHOT-11A  Introduction to the Digital Camera
3.0 units: 2.0 hours lec.
3.0 hours lab. This course introduces students to the creative use of digital cameras through lectures, hands-on experience and computer use. Instruction includes digital camera functions, technical and creative control, computer processing of images, and digital output options. Students gain essential knowledge of digital photographic strategies through image capture and creative Photoshop and Lightroom manipulation.

Merced Campus
1502  TTh  10:30a-11:20a  Gwartney, J  ART-8
TTh  11:30a-12:45p  Gwartney, J  ART-8
Comments: PHOT-11A requires that students provide their own DSLR or point and shoot digital camera and pay a $40 materials fee.

PHOT-33  The History of Photography
1.0 units:
This course is designed to provide hands-on exploration in parallel with topics covered in the lecture course, PHOT-01. Emphasis will be placed on 1) classical principles and applications to modern observations and phenomena. Students planning on becoming K-12 teachers will find materials applicable to their future profession.

Merced Campus
1030  W  02:00p-04:50p  Staff  SCI-105

PHSC-01  Introduction to Physical and Earth Science
3.0 units: 3.0 hours lec.
This is an introductory course presenting the nature of physical, earth, and space sciences and their relationship to other areas of scientific knowledge. The course will develop the major concepts and give an understanding of the general principles of physical, earth, and space science. As an introductory class, the course of study will focus on major principles and applications to modern observations and phenomena. This course is designed to meet the content requirement for physical science and for earth and space science for the Liberal Studies - Elementary Teaching preparation pathway.

Merced Campus
1022  MWF  11:00a-11:50a  Staff  SCI-111

Los Banos Campus
4672  MWF  11:00a-11:50a  Huff, A  LB-B-111
Comments: Section 4672 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

PHSC-01L  Intro to Physical & Earth Science Laboratory
1.0 units: 1.0 units:
3.0 hours lab. Prerequisite: Take PHOT-01. This introductory laboratory is designed to provide hands-on exploration in parallel with topics covered in the lecture course, PHOT-01. Emphasis will be placed on 1) classical science experimentation, 2) laboratory activities in the real world, and 3) support of the laboratory activities through use of modern technologies. Students planning on becoming K-12 teachers will find materials applicable to their future profession.

Merced Campus
1030  W  02:00p-04:50p  Staff  SCI-105

PHSC-02  Survey of Chemistry and Physics
3.0 units: 3.0 hours lec.
Prerequisite: Take MATH-81. Minimum grade C, P.
An investigation of chemical properties, energy, motion, light, atomic structure, bonding, solutions and chemical reactions. The inter-dependence of chemistry and physics will be emphasized. This course is intended for non-science majors.

Merced Campus
1174  TTh  02:00p-03:15p  Staff  SCI-110
1812  TTh  02:00p-03:15p  Staff  SCI-110

Los Banos Campus
4674  TTh  12:30p-01:45p  Huff, A  LB-B-135
Comments: Section 4674 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

PHSC-02L  Survey of Chemistry and Physics Laboratory
1.0 units:

Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
PHYSICS (PHYS)

PHYS-02A General Physics I
4.0 units: 3.0 hours lec,
3.0 hours lab. Prerequisite: Take PHYS-02 or MATH-02H; Minimum grade C,P; or Take PHYS-25 and MATH-26; Minimum grade C,P; 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. This course will also try to relate physics to other areas of knowledge and discuss science in general, and physics specifically, as part of the concept of culture and time. The development of ideas will begin with those of Aristotle and terminate with present-day concepts of the atom and nucleus. PHYS-02A will emphasize the universe, motion, forces in nature, energy, fields, conservation laws, waves, sound, light, and thermal phenomena.

**Merced Campus**
1175 T 11:00a-01:50p Staff SCI-105
1951 Th 11:00a-01:50p Staff SCI-105

**Los Banos Campus**
4676 Th 09:00a-11:50a Huff, A LB-B-102

Comments: Section 4676 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

PHYS-02B General Physics II
4.0 units: 3.0 hours lec,
3.0 hours lab. Prerequisite: Take PHYS-02A Minimum grade C,P; PHYS-02B is a continuation of PHYS-02A with emphasis on electricity, magnetism, radiation, relativity, atomic and nuclear processes, astrophysics, cosmology, and a look toward the future.

**Merced Campus**
1247 MWF 11:00a-12:50a Staff SCI-205
1247 M 08:00a-10:50a Staff SCI-106

**Los Banos Campus**
1369 MW 02:00p-03:15p Pourtarvirdi, Z VOC-110
1689 MW 08:00a-10:50a, Staff SCI-105
6029 Th 08:00a-10:50a, Staff SCI-105
6029 T 07:00p-09:50p, Staff SCI-105

**Merced Campus**
1369 MW 02:00p-03:15p Pourtarvirdi, Z VOC-140
W 08:00a-10:50a Staff SCI-105

**Los Banos Campus**
4678 MWF 01:00p-01:50p Huff, A LB-B-117
W 02:00p-04:50p Huff, A LB-B-105

Comments: Section 4678 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

PHYS-04A Physics I
4.0 units: 3.0 hours lec,
3.0 hours lab. Prerequisite: Take PHSC-02. OR Take MATH-81; Minimum Grade C,P; This introductory laboratory is designed to provide a hands-on exploration in parallel with the topics covered in the introduction to Survey of Chemistry and Physics lecture course - Physical Science 2. Emphasis will be placed on (1) classical science experimentation, (2) laboratory activities in the real world, and (3) support of the laboratory activities through use of modern technologies. This course is intended for non-science majors.

**Merced Campus**
1140 MWF 08:00a-10:50a Staff SCI-106

54.0 hours lab. This course is designed to provide the students with a working knowledge of fundamental structures and processes of plants. Principles to be applied cover plant structures, physiology, heredity, environmental relationship to growth, adaptation, and management of crops. Techniques of research, exploration of plant growth, and identification of economical crops will be included.

**Merced Campus**
1960 TTh 09:00a-11:50a Huff, A LB-B-117
1105 M 08:00a-10:50a Huff, A LB-B-104

Comments: Web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

PHYS-04C Physics III
4.0 units: 3.0 hours lec,
3.0 hours lab. Prerequisite: Take MATH-04B ANDPHYS-04B; Minimum Grade C,P; PHYS-04C is a continuation of PHYS-04B. It emphasizes the laws of thermodynamics, relativity, and topics of modern physics.

**Merced Campus**
1190 MWF 12:00p-12:50p Huff, A LB-B-111
M 08:00a-10:50a Huff, A LB-B-104

Comments: Section 4680 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

PHYS-10 Concepts in Physics
3.0 units: 3.0 hours lec.
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. Both classical and modern topics will be covered, to include mechanics, properties of matter, heat, sound, electricity, magnetism, light, atomic and nuclear physics, relativity, and astrophysics. This course provides an opportunity to work with the concepts of physics in a qualitative manner.

**Merced Campus**
1173 TTh 12:30p-01:45p Pourtarvirdi, Z VOC-140
T 08:00a-10:50a Pourtarvirdi, Z SCI-106

Plant Science (PLSC)

PLSC-10 Elements of Plant Science
3.0 units: 36.0 hours lec,
54.0 hours lab. This course is designed to provide the students with a working knowledge of fundamental structures and processes of plants. Principles to be applied cover plant structures, physiology, heredity, environmental relationship to growth, adaptation, and management of crops. Techniques of research, exploration of plant growth, and identification of economical crops will be included.

**Merced Campus**
1102 TTh 10:30a-12:45p Codd, A PS-1

Comments: Web Component which will require you to have internet access.

1105 MW 01:00p-03:15p Codd, A PS-1

Comments: Web component which will require you to have internet access.

1140 MW 10:30a-12:45p Codd, A PS-1

Comments: Web component which will require you to have internet access.
Online behavior, personality, heredity, environment, and social factors.

sensation, perception, motivation, learning, thinking, emotion, abnormal

given to the following topics: schools of psychology, physiological factors,

the facts and theories underlying human behavior. Special emphasis is

PSYC-01A is a survey course designed to provide an introduction to

ments of England, France, Germany, Russia, and Japan.

well as non-European countries. Emphasis will be placed on the govern

application of the governmental systems of major European nations, as

PSOC-02  An Introduction to World Political Systems

3.0 units: 3.0 hours lec.

This course is a comparative study of the theory, history, structure, and

application of the governmental systems of major European nations, as

as well as non-European countries. Emphasis will be placed on the govern-

ments of England, France, Germany, Russia, and Japan.

Political Science (POSC)

POSC-01  Essentials of American Political System

3.0 units: 3.0 hours lec.

This course will introduce students to institutions of American national

government, the American political system, and California state and local

government. The course includes a study of the United States Constitu-
tion and its application to federal, state, and local government. Emphasis is

placed upon various roles of national and state government, constitu-
tional rights and obligations of citizens, and the evolution and develop-

ment of California state political institutions. This course meets the United

States Constitution requirement and the federal, California state, and

local government requirement.

Online

2308   Mayate-Deandreis, L  Online
Comments: CONTACT: www.mccd.edu/myhelp/ for information
about logging into online courses.

2497   Gardner, J  Online
Comments: CONTACT: jennifer.gardner@mccd.edu

Merced Campus

1050   TTh  02:00p-03:15p  Morris, R  VOC-9
1064   TTh  09:30a-10:45a  Patterson, E  VOC-8
1065   MWF  01:00p-01:50p  Carlson, J  VOC-8
1068   MWF  12:00p-12:50p  Kocolas, T  VOC-8
1138   TTh  08:00a-09:15a  Patterson, E  VOC-8
1416   TTh  12:30p-01:45p  Morris, R  VOC-9
1697   MWF  10:00a-10:50a  Randall, R  LESH-111
1698   MWF  11:00a-11:50a  Randall, R  LESH-111
1702   MWF  02:00p-03:15p  Morris, R  VOC-8

Los Banos Campus

4696   MWF  09:00a-09:50a  Gardner, J  LB-B-110
Comments: Section 4696 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

4700   MW  02:00p-03:15p  Gardner, J  LB-A-103
Comments: Section 4700 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

POSC-02  An Introduction to World Political Systems

3.0 units: 3.0 hours lec.

This course is a comparative study of the theory, history, structure, and

application of the governmental systems of major European nations, as

as well as non-European countries. Emphasis will be placed on the govern-

ments of England, France, Germany, Russia, and Japan.

Merced Campus

1016   MWF  09:00a-09:50a  Randall, R  IAC-146

Psychology (PSYC)

PSYC-01A  Introduction to Psychology

3.0 units: 54.0 hours lec.

PSYC-01A is a survey course designed to provide an introduction to the facts and theories underlying human behavior. Special emphasis is given to the following topics: schools of psychology, physiological factors, sensation, perception, motivation, learning, thinking, emotion, abnormal behavior, personality, heredity, environment, and social factors.

Online

2003   Elms, J  Online
Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

2008   Williamson, L  Online

Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

2322   Clifford, J  Online
Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

2365   Clifford, J  Online
Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

2524   Bera, S  Online
Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

2922   Bera, S  Online
Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

Merced Campus

1008   TTh  12:30p-01:45p  Murphy, J  LESH-111
1018   MWF  12:00p-12:50p  Murphy, J  VOC-9
1025   MWF  08:00a-08:50a  Gargano, G  VOC-9
1032   MWF  10:00a-10:50a  Nichols, D  AHC-129
1045   MWF  11:00a-11:50a  Nichols, D  AHC-129
1067   T  02:00p-04:50p  Clifford, J  IAC-139
1185   MWF  10:00a-10:50a  Engelke, V  IAC-145
1253   MWF  09:00a-09:50a  Gargano, G  VOC-9
1705   TTh  03:30p-04:45p  Daniel, M  IAC-145
1726   TTh  09:30a-10:45a  Forester, D  AHC-129
1771   TTh  11:00a-12:15p  Forester, D  IAC-146
1851   MW  02:00p-03:15p  Elms, J  VOC-143
1859   MW  12:00p-12:50p  Nichols, D  AHC-129
1914   MW  01:00p-01:50p  Engelke, V  LESH-111
1939   TTh  02:00p-03:15p  Daniel, M  IAC-145
1949   TTh  08:00a-09:15a  Forester, D  IAC-146
6121   M  05:30p-08:35p  Pierce, T  VOC-8
9010   S  09:00a-12:20p  Patterson, A  IAC-146
Comments: Section 9010 is held on Saturdays from 1/18-5/16 except for 2/15, 4/11 and 4/18, which are non-instructional days.

Los Banos Campus

4702   TTh  08:00a-09:15a  Coahran, S  LB-B-111
Comments: Section 4702 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

4706   TTh  02:00p-03:15p  Coahran, S  LB-B-107
Comments: Section 4706 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

Delhi

7704   W  06:00p-08:50p  Daniel, M  DELH-J4
Comments: Section 7704 is held at Delhi High School; 16881 W Schendel; Room 4J; Delhi, CA 95315.

Mariposa

7806   M  06:00p-08:50p  Allen-Ritter, L  MARI-57
Comments: Section 7806 is held at Mariposa High School; 5074 Old Hwy N.; Mariposa, CA; Room 57.

PSYC-01B  Introduction to Psychological Methods

3.0 units: 3.0 hours lec.

Prerequisite: Take PSYC-01A or PSYC-01AH; Take PSYC-05 or MATH-10. Minimum grade C,P;This course reviews psychological methods of using scientific methods to understand human behavior and mental processes. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.
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
2336 Bluett-Murphy, V
Comments: CONTACT: victoria.bluett-murphy@mccd.edu for course-specific questions.

2362 Bluett-Murphy, V
Comments: CONTACT: victoria.bluett-murphy@mccd.edu for course-specific questions.

2904 Patton, M
Comments: Section 2904 is a 12-week online class from 1/13/20 to 4/04/20. CONTACT: patton.marvin@mccd.edu for course-specific questions.

2913 Clifford, J
Comments: Section 2913 is a 9 week online class meeting from 1/13/20 through 3/13/20. CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

Merced Campus
1183 MW 12:30p-01:45p Nunez, J
Comments: Section 1183 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2)syllabi 3) testing 4) research 5) assignments.

1835 MW 09:30a-10:45a Marquez-Ramirez, M
Comments: Section 1835 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2)syllabi 3) testing 4) research 5) assignments.

PSYC-36 Developmental Psychology: Adolescence
3.0 units: 3.0 hours lec.
This course is designed to provide the student with an understanding of growth and adjustment. Concepts covered in the course are personality development, the psychological bases of behavior, mental health, and interpersonal relations. Stress is placed on the importance of applying therapeutic principles and techniques in everyday life.

Merced Campus
1905 MWF 11:00a-11:50a Murphy, J
Comments: CONTACT: patton.marvin@mccd.edu for course-specific questionss.

Online
2412 Williamson, L
Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

PSYC-22 Human Sexuality
3.0 units: 3.0 hours lec.
This course explores the psychology of human sexuality. Psychological, biological, and sociocultural research is presented concerning all aspects of human sexuality in contemporary society. Specific topics include sexual anatomy and physiology, gender, sexual orientations, contraception, sexually transmitted infections, sexual dysfunction and sex for sale.

Online
2404 Engleke, V
Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

2412 Williamson, L
Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

Merced Campus
1707 MW 10:00a-10:50a Clifford, J
Comments: Section 1707 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2)syllabi 3) testing 4) research 5) assignments.

1887 Th 02:00p-04:50p Engleke, V
Comments: Section 1887 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2)syllabi 3) testing 4) research 5) assignments.

1894 MWF 11:00a-11:50a Clifford, J
Comments: Section 1894 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2)syllabi 3) testing 4) research 5) assignments.

6023 T 07:00p-09:50p Pierce, T
Comments: Section 6023 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2)syllabi 3) testing 4) research 5) assignments.

PSYC-23 Personal & Social Adjustment
3.0 units: 3.0 hours lec.
This course examines personality factors as they relate to the problems of growth and adjustment. Concepts covered in the course are personality development, the psychological bases of behavior, mental health, and interpersonal relations. Stress is placed on the importance of applying therapeutic principles and techniques in everyday life.

Merced Campus
1184 TTh 11:00a-12:15p Murphy, J
Comments: Section 1184 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2)syllabi 3) testing 4) research 5) assignments.

1903 MWF 01:00p-01:50p Williamson, L
Comments: Section 1903 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2)syllabi 3) testing 4) research 5) assignments.

PSYC-25 Introduction to Abnormal Psychology
3.0 units: 3.0 hours lec.
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. Topics include classifications, clinical pictures, casual factors, treatment, and outcomes of maladaptive behavior. Special emphasis will be placed on assessment, therapy, and prevention of maladaptive behavior.

Merced Campus
1905 MWF 11:00a-11:50a Murphy, J
Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

Online
2404 Engleke, V
Comments: CONTACT: victoria.bluett-murp@mccd.edu for course-specific questions.

2412 Williamson, L
Comments: CONTACT: victoria.bluett-murp@mccd.edu for course-specific questions.
This course is a study of human development during adolescence. The focus is on major theories and psychological research relating to the physical, cognitive, and psychological research relating to the physical, cognitive, and psychosocial aspects of development during adolescence, with an emphasis on the influence of culture.

**Online**

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<th>Course</th>
<th>Merced Campus</th>
<th>Spring 2020</th>
<th>Language</th>
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<tr>
<td>PSYC-95S Statistics Support</td>
<td>1.0 units</td>
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<td>PSYC-10E Sport Psychology</td>
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<td>PSYC-37 Sport Psychology</td>
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<td>PSYC-50 Radiologic Sciences I</td>
<td>3.0 units</td>
<td>3.0 hours lec.</td>
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<td>Radiologic Technology (RADT)</td>
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<td>RADT-12A Radiologic Procedures II</td>
<td>4.0 units</td>
<td>3.0 hours lec.</td>
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<tr>
<td>RADT-16A Adv Radiologic Procedures II</td>
<td>2.5 units</td>
<td>2.5 hours lec.</td>
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<tr>
<td>RADT-16B Advanced Clinical Education I</td>
<td>10.0 units</td>
<td>30.0 hours lab.</td>
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<tr>
<td>RADT-24 Work Experience in Radiology</td>
<td>1.0 units</td>
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<td>Comments: This course has a MANDATORY ORIENTATION. Please see the Work Experience Webpage for orientation dates: <a href="http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html">http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html</a>. Students registered for RADT-24, Work Experience in Radiology, must have a paid or volunteer work position in place at the time of registration. This 1 unit course is designed for students majoring in Radiology and whose work is related to Radiology. The course requires completion of 60 volunteer or 75 paid hours.</td>
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**Merced Off-Campus**

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**Los Banos Campus**

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Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
cooperative work40-class.html. Students registered for RADT-24, Work Experience in Radiology, must have a paid or volunteer work position in place at the time of registration. This 2 unit course is designed for students majoring in Radiology and whose work is related to Radiology. The course requires completion of 120 volunteer or 150 paid hours.

RADT-50 Career Exploration in Medical Imaging
1.0 units:
3.0 hours lab. This course allows students to sample an experience in a medical imaging setting in order to enhance their understanding of the challenges and opportunities in considering a career in diagnostic medical imaging. The instructor of record will be responsible for arranging the student's clinical placement during the course's orientation meeting.

Merced Off-Campus
1727
Comments: Section 1727 requires 54 hours by arrangement. RADT-50 requires a mandatory orientation. Go to: http://www.mccd.edu/academics/alliedhealth/diag-rad for more information.

REAL-42 Real Estate Principles
3.0 units: 3.0 hours lec.
This course is an analysis of principles of real estate in California, history of California real estate, property, contracts, agency, listings, real estate financing, deeds, liens and encumbrances, escrows and title insurance, land descriptions, real estate mathematics, and real estate licensing and state regulations.

Merced Campus
2353 W 05:30p-06:45p Navarro, R VOC-39
Comments: CONTACT: roy.navarro@mccd.edu IN-CLASS SESSIONS: Lecture: Wednesdays; 05:30p-06:45p; VOC-39. COMMENTS: 1.5 lecture hours will be online.

REAL-43 Real Estate Practices
3.0 units: 3.0 hours lec.
This course is an analysis of problems related to establishing and conducting a real estate business, which includes but is not limited to preparing and evaluating listings, prospecting, advertising, the selling process, closing the sale, financing real estate, exchanges and specializing brokerage, income properties, management and leasing, taxes, land utilization, and professional and public relations.

Merced Campus
2367 W 07:00p-08:15p Navarro, R VOC-39
Comments: CONTACT: roy.navarro@mccd.edu IN-CLASS SESSIONS: Lecture: Wednesdays; 07:00p-08:15p; VOC-39. COMMENTS: 1.5 lecture hours will be online.

 Registered Nurse (REGN)

REGN-01 Transition LVN to RN
2.0 units: 18.0 hours lec,
54.0 hours lab. Prerequisite: Take BIOL-16, BIOL-18, BIOL-20; EN-GL-01A; MATH-C. Minimum Grade C,P;Registered Nursing 01 is a series of lectures and discussions that provides the concepts and principles necessary to facilitate the transition of the Licensed Vocational Nurse to the changing role of the Registered Nurse. Incorporates best practices, professional standards, and legal and ethical responsibilities of the professional nurse as applied in various health care settings. Emphasis will be placed upon the registered nurse as a decision-making member of the health care team and the responsibilities to be assumed by such a practitioner.

Merced Campus
9008 WTh 01:00p-01:50p Cazares, K AHC-140
WTh 02:00p-04:50p Cazares, K AHC-140
Comments: Section 9008 is held from 03/18/20 to 5/21/20.

REGN-02 Clinical Skills Transition Lvn to Rn
1.0 units:
3.0 hours lab. Prerequisite: Take Regn-01; Minimum Grade C,P;Registered Nursing 02 consists of practice in the clinical setting with the skills and principles necessary to facilitate the transition of the Licensed Vocational Nurse to the changing role of the Registered Nurse. Emphasis is placed on nursing skills related to first year RN nursing concepts in clinical practice.

Merced Off-Campus
9048
Comments: Section 9048 is held from 03/18/20 to 5/21/20 and requires 54 hours by arrangement.

REGN-15 Foundations of Nursing
9.0 units: 72.0 hours lec, 270.0 hours lab. Prerequisite: Take REGN-18.
Take BIOL-16, BIOL-18, BIOL-20, MATH-C, ENGL-01A; Minimum grade C,P;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. Introduces critical thinking applied to nursing, the nursing process, diversity, and communication techniques used when interacting with patients and members of the interdisciplinary team, and applies evidence-based nursing practice. Includes acquisition of basic nursing skills. Application of knowledge and skills occurs in the nursing skills laboratory and a variety of acute and long-term care clinical settings.

Merced Campus
1752 WTh 08:00a-09:50a Schindler, W AHC-124
Comments: Section 1752 requires 270 hours by arrangement.

REGN-18 Pharmacology in Nursing Practice
3.0 units: 3.0 hours lec.
Prerequisite: Take REGN-15.
Take REGN-15; Minimum Grade C,P;Registered Nursing 18, Pharmacology in Nursing Practice, presents an overview of the basic principles of pharmacology including major drug classifications and prototypes. Principles of medication administration include all aspects of best practice for safe, quality, patient-centered care including developmentally and culturally appropriate interventions. Includes dosage calculations.

Online
2346 Schindler, W Online

REGN-24 Acute Medical/Surgical and Nursing of The Childbearing Family
10.0 units: 5.0 hours lec, 15.0 hours lab. Prerequisite: Take REGN-15 REGN-18; Minimum Grade C,P;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. Incorporates best practices, professional standards, and legal and ethical responsibilities of the professional nurse as applied in various healthcare settings. Includes acquisition of nursing skills required in acute care and childbearing family settings. Application of knowledge and skills occurs in the nursing skills laboratory and clinical settings.

Merced Campus
1754 M 08:00a-10:15a Smith, D AHC-125
W 07:45a-09:45a Smith, D AHC-128
Comments: Section 1754 requires 270 hours by arrangement.

REGN-34 Advanced Medical/Surgical Nursing And Pediatric Nursing
10.0 units: 5.0 hours lec, 15.0 hours lab. Prerequisite: Take REGN-01 or REGN-24; Minimum grade C,P; 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. Prototype disease processes associated with each concept are studied in relation to preventive and restorative nursing care. Concurrent practice in the college laboratory and clinical experience in community facilities are required.

**Merced Campus**

1755 TTh 08:00a-10:15a Provencio, G AHC-140
Comments: Section 1755 requires 270 hours by arrangement.

**REGN-44 Acute Medical/Surgical Nursing And Mental Health Nursing**

9.0 units: 4.0 hours lec, 15.0 hours lab. Prerequisite: Take REGN-34; Minimum grade C,P. 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. Builds on nursing theory, communication, collaboration, and critical thinking skills necessary for safe, patient-centered nursing care to developmentally and culturally diverse patient populations. Incorporates best practices, professional standards, and legal and ethical responsibilities of the professional nurse as applied in the acute care and mental health settings incorporating all aspects of the professional nurse. Application of knowledge and skills occurs in the acute care and community settings to facilitate an effective transition from student to registered nurse.

**Merced Campus**

1756 WTh 08:00a-09:50a Grise, R AHC-125
Comments: Section 1756 requires 270 hours by arrangement.

**Sewing - Noncredit (SEW)**

**SEW-407 Needlecrafts & Sewing**

0.0 units

This 36-54 hour course provides instruction in knitting, crocheting, stitching and sewing with an emphasis on making needlecrafts easier, learning the basic techniques in each of the areas, and learning how to select the right equipment, and the correct pattern for each level of expertise.

**Merced Campus**

5500 T 05:00p-07:00p Acheson, D VOC-39

**Skills - Noncredit (SKLS)**

**SKLS-210 Daily Living Skills**

0.0 units

This 435-455 hour course is designed primarily for mentally and or physically disabled students who are functioning at very low levels. The course teaches the basic living skills necessary for successful social interaction, self-care, and to help enhance self-esteem.

**Merced Off-Campus**

5200 MTWThF 08:45a-02:15p Ochoa, G OFML-KINGS
5201 MTWThF 08:45a-02:15p Ochoa, G OFML-KINGS
5202 MTWThF 08:45a-02:15p Coleman, OFML-KINGS
5203 MTWThF 08:45a-02:15p Coleman, K OFML-KINGS
5204 MTWThF 09:15a-02:15p Yang, C OFML-KINGS
5205 MTWThF 09:15a-02:15p Yang, C OFML-KINGS

**Sociology (SOC)**

**SOC-01 Introduction to Sociology**

3.0 units: 3.0 hours lec.

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. The course begins with the understanding of the differences between personal troubles and public issues, and how sociologist apply various theoretical perspectives to a wide range of issues, such as: culture; socialization; social structure of society; deviance; issues of feminization; family; gender; race; inequal-

ity; economics; politics and population; and the relationship between the individual and society. The course acccents international comparisons to show how similar institutions are structures and function differently in different societies around the world.

**Online**

2399 Deeming, K Online
Comments: CONTACT: karen.deeming@mccd.edu

2496 Deeming, K Online
Comments: CONTACT: karen.deeming@mccd.edu

2506 Gabriella, A Online
Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

2525 Olson, K Online
Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

2923 Olson, K Online
Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

**Merced Campus**

9895 S 01:00p-04:20p Shaw, M VOC-143
Comments: Section 9895 is held on Saturdays from 1/18-5/16 except for 2/15, 4/11 and 4/18, which are non-instructional days.

**Los Banos Campus**

4738 MWF 08:00a-09:50a Saich, E IAC-139
Comments: Section 4738 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

**Dos Palos**

7950 Th 06:00p-08:50p Deeming, K OFLL-DPHS
Comments: Section 7950 is held at Dos Palos High School; 1701 E. Blossom St. Room ??, Dos Palos Section 7950 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

**SOC-02 Contemporary Social Problems**

3.0 units: 3.0 hours lec.

SOC-02 introduces fundamental theories and methodologies employed in the study of contemporary social problems. An emphasis is placed on analysis of causes and possible solutions to such problems as poverty, discrimination, crime, delinquency, alcoholism, drug abuse, suicide, family, and politics. A global perspective focuses on the international influences and contributions to various contemporary social problems.

**Merced Campus**

1309 TTh 11:00a-12:15p Saich, E IAC-139
1891 MWF 10:00a-10:50a Bishop, K VOC-143

**Los Banos Campus**

4736 TTh 08:00a-09:15a OFML-KINGS
Comments: Section 4736 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

**SOC-03 Marriage and the Family**

3.0 units: 3.0 hours lec.

This course provides an overview of sociological theories and concepts
utilized to investigate marriage and family relationships. An empirical as well as experiential analysis of marriage and family functions, structures, and roles is emphasized. Special focus is paid to contemporary issues, concerns, and debates regarding marriage and family dynamics.

**Online**

| 2504 | Olsen, K | Online | Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses. |

**Merced Campus**

| 1270 | TTh | 09:30a-10:45a | Saich, E | VOC-9 |
| 1969 | MWF | 09:00a-09:50a | Bishop, K | VOC-143 |

**Sociology - Noncredit (SOCL)**

**SOCL-760 Career & Life Planning**

- **0.0 units**
- This course is designed for students who function at limited levels of cognitive development. It is designed to help students acquire positive workplace attitudes, skills, and habits. This course is 435 - 455 hours in duration and may require a work experience component.

**Merced Campus**

| 5902 | Th | 03:30p-05:00p | Batson, L | SCI-205 |
| 5909 | T | 03:30p-05:00p | Wunder, E | SCI-205 |

**Los Banos Off-Campus**

| 5915 | MTWThF | 08:30a-02:30p | Huerta, I | OFLL-KINGS |
| 5901 | MTWThF | 08:30a-02:30p | Huerta, I | OFLL-KINGS |

**Merced Off-Campus**

| 5914 | MTWThF | 08:45a-02:15p | STAFF | OFML-KINGS-ATW |

**SOCL-761 Vocational Life Planning**

- **0.0 units**
- This course is designed primarily for students who are part of the Merced College Independent Living Program (ILP). The course addresses issues and barriers that students will typically encounter while seeking and maintaining employment and success in becoming an independent adult. Course content includes instruction in the areas of education, employment, housing, money management and daily living skills.

**Merced Campus**

| 5905 | M | 05:00p-07:00p | Lee, P | AG-10 |
| 5906 | M | 05:00p-07:00p | Lee, P | AG-10 |
| 5907 | M | 05:00p-07:00p | Lee, P | AG-10 |
| 5912 | M | 05:00p-07:00p | Lee, P | AG-10 |

**Los Banos Campus**

| 5913 | F | 09:00a-11:00a | Lemons, S | AG-10 |

**Soil Science (SOIL)**

**SOIL-10 Soil Science**

- **3.0 units: 2.0 hours lec,** 3.0 hours lab.
- Advisories: ENGL-A; MATH-80. This course provides a basic knowledge of the physical, chemical, and biological properties of soils and their characteristics. The course includes factors of fundamental soil properties, soil and plant relationships, principles of soil formation, fertilizers and soil management, salinity, pH, erosion management, and nonagricultural uses.

**Merced Campus**

| 1097 | TTh | 01:00p-03:15p | Bell, S | PS-1 |
| 1746 | TTh | 08:00a-10:15a | Bell, S | PS-1 |
| 1748 | MW | 01:00p-03:15p | Bell, S | PS-2 |

Comments: Web component which will require you to have internet access.

**SOIL-11 Fertilizers & Soil Amendments**

- **3.0 units: 3.0 hours lec.**
- This course will cover the composition, value, selection and use of fertiliz-

er materials and soil amendments. Soil, plant, and fertilizer relationships will be covered. Application practices common to area crops and soils will be discussed.

**Merced Campus**

| 6338 | T | 06:00p-08:50p | Stoddard, C | PS-1 |

Comments: Web Component which will require you to have internet access.

**Spanish (SPAN)**

**SPAN-01 Elementary Spanish I**

- **5.0 units: 5.0 hours lec.**
- This course will focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency. Students will learn how to express in Spanish the most basic functions of everyday life. This course is not recommended for native speakers - native speakers should enroll in SPAN-10.

**Merced Campus**

| 1528 | MTWThF | 08:00a-08:50a | Colomer-Flores, M | IAC-108 |
| 1530 | MTWThF | 09:00a-09:50a | Colomer-Flores, M | IAC-108 |

Comments: Section 1528 requires online assignments. Students need to have a purchased access code as well as a computer with internet connection and recording/listening capabilities.

| 1528 | MTWThF | 01:00p-01:50p | Sobalvarro, N | ART-7 |
| 1766 | MTWThF | 12:00p-12:50p | Sobalvarro, N | ART-7 |

Comments: Section 1528 requires online assignments. Students need to have a purchased access code as well as a computer with internet connection and recording/listening capabilities.

| 6230 | MW | 05:30p-07:45p | Allen, M | VOC-111 |

Comments: Section 6230 requires online assignments. Students need to have a purchased access code as well as a computer with internet connection and recording/listening capabilities.

**Spanish (SPAN)**

**SPAN-02 Elementary Spanish II**

- **5.0 units: 5.0 hours lec.**
- Prerequisite: Take SPAN-01; Minimum grade C.CR. 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. Students will learn how to express in Spanish the most basic functions of everyday life. This course is recommended for students who have completed two years of high school Spanish; it is not recommended for native speakers. Native speakers should enroll in SPAN-11.

**Merced Campus**

1828 MTWThF 10:00a-10:50a Colomer-Flores, M IAC-108

Comments: 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 TTh 05:30p-07:45p Garcia Diaz, M IAC-108

Comments: 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.

**Los Banos Campus**

4750 MWF 04:00p-05:25p LB-B-112

**SPAN-10 Spanish for Spanish Speakers I**

5.0 units: 5.0 hours lec.

This course is designed for native and heritage speakers, as well as other linguistically qualified students, whose formal training in the language is not complete. The course will focus on extensive reading of all types of texts and their reworking in written form with the intention of expanding the vocabulary, creating an incipient awareness of linguistic registers, discussing items beyond the familial routine, improving written expression, and developing an appreciation for Hispanic culture as manifested in Spanish speaking countries and the U.S. This course is conducted entirely in Spanish.

**Merced Campus**

1721 MTWThF 10:00a-10:50a Sobalvarro, N ART-7

Comments: Section 1721 requires online assignments.

Students need to have a purchased access code as well as a computer with internet connection and recording/listening capabilities.

6375 MW 05:30p-07:45p Garcia Diaz, M VOC-110

Comments: Section 6375 requires online assignments.

Students need to have a purchased access code as well as a computer with internet connection and recording/listening capabilities.

**Los Banos Campus**

8764 TTh 05:30p-07:45p Calderon Aragon, R LB-B-112

Comments: Section 8764 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

**SPAN-11 Spanish for Spanish Speakers II**

5.0 units: 5.0 hours lec.

Prerequisite: Take SPAN-10; Minimum grade C,P. This course represents the continuation of SPAN 10. It is designed for students who are fluent in Spanish and who are ready to develop literacy skills. This course continues to focus on extensive reading of all types of texts and their reworking in written form with the intention of expanding the vocabulary, increasing the awareness of linguistic registers, discussing items beyond the familial routine, improving written expression - particularly accentuation and spelling - and developing an appreciation for Latino culture as manifested in any of the Spanish-speaking countries including the USA.

**Merced Campus**

6232 MW 05:30p-07:45p Colomer-Flores, M IAC-108

Comments: Section 6232 requires online assignments.

Students need to have a purchased access code as well as a computer with internet connection and recording/listening capabilities.

**STGV-33A Student Government I**

2.0 units: 1.0 hours lec.

This 2.0 unit course surveys the theory and practice of parliamentoary law, committee techniques, and democratic organization. Students will study some of the factors of successful leadership and effective group membership. Participation in student organization events such as lectures, leadership workshops, and conferences, is required. Students may enroll without holding an office.

**Merced Campus**

1938 T 02:00p-02:50p Alcala, R SU-137

T 03:00p-03:50p Alcala, R SU-137

Th 02:00p-03:50p Alcala, R SU-137

**STGV-33B Student Government II**

2.0 units: 1.0 hours lec,

3.0 hours lab.Prerequisite: Take STGV-33A; Minimum Grade C, P. This course is a continuation of STGV-33A. The course is designed to introduce students to the ethical dimensions of an organization and to train them to identify social dilemmas, analyze them systematically and resolve them based on core values and codes of conduct found in a college setting. Students may enroll without holding an office.

**Merced Campus**

1943 T 02:00p-02:50p Alcala, R SU-137

Th 02:00p-03:50p Alcala, R SU-137

T 03:00p-03:50p Alcala, R SU-137

**STGV-33C Student Government III**

2.0 units: 1.0 hours lec,

3.0 hours lab.Prerequisite: Take STGV-33B; Minimum Grade C,P. This is the third of four sequential STGV courses. This course focuses on the development of leadership skills, provides an understanding of leadership and group dynamics theory and will assist the student in developing a personal philosophy of leadership and management skills. Topics include decision making, goal setting, building trust, empowering others, conflict resolution, managing change, and team building. Students may enroll without holding an office.

**Merced Campus**

1945 T 02:00p-02:50p Alcala, R SU-137

Th 02:00p-03:50p Alcala, R SU-137

T 03:00p-03:50p Alcala, R SU-137

**STGV-33D Student Government IV**

2.0 units: 1.0 hours lec,

3.0 hours lab.Prerequisite: Take STGV-33C; Minimum Grade C,P. This is the fourth of four sequential STGV courses. This course examines the role of power and influence in organizations. Topics of study include recognizing the role of the dominant and non-dominant groups in the decision making process and understanding individual factors that influence governance. The course examines American political culture, intergovernmental relations, public opinion, interest groups, and the media. Students may enroll without holding an office.

**Merced Campus**

1953 T 02:00p-02:50p Alcala, R SU-137

T 03:00p-03:50p Alcala, R SU-137

Th 02:00p-03:50p Alcala, R SU-137

**Training - Noncredit (TRNG)**

**TRNG-768 Bus Driver Training/Recertification**

0.0 units

This 36-hour course is designed to improve the bus driver's public relation's ability and to provide basic and refresher course information on vehicle checkout procedures, first aid, and emergency procedures. This classroom instruction course also includes good driving fundamemtnals, assessing and adjusting to road conditions, and techniques for safe downhill driving. Defensive driving skills and passenger discipline are addressed. A discussion of new state laws and requirements and analysis of bus accidents is provided.

**Merced Campus**
VOCN-46A Applied Mathematics for Pharmacology
1.0 units: 1.0 hours lec.
Prerequisite: Take ENGL-01A; Take MATH-A or MATH-81; Minimum grade C,P; This is an introductory pharmacology course which includes an introduction to the professional context of drug administration, and study of the metric, apothecary, and household systems of measurement. Nursing responsibility to patient safety is included. Completion of this course requires accurate interpretation of doctors order, reading medication bottles, calculating drug dosages, and the reason for their application.

Merced Campus
9101 M 10:30a-12:45p Cazares, K AHC-130
Comments: Section 9101 is held from 01/13/20 to 03/09/20.
9106 F 12:00p-02:05p Roe, L AHC-130
Comments: Section 9106 is held from 01/17/20 to 03/13/20.

VOCN-47C Nursing Guidance III
1.0 units: 1.0 hours lec.
Prerequisite: Take VOCN-44

OR
Take VOCN-42; Minimum grade C,P; This course examines current and evolving patterns of mental health care and the shifts from inpatient custodial care to community-based treatment for the mentally ill. This course also examines the health-illness continuum, psychopathology, neuroses and psychoses, clinical disorders and maladaptations of behavior, and psychopharmacological approaches to treatment.

Merced Campus
1074 W 12:00p-12:50p Thompson, L AHC-130

Welding Technology (WELD)
WELD-06 Fundamentals of Oxy-Fuel Welding & Shielded Metal Arc Welding
3.0 units: 36.0 hours lec.
54.0 hours lab. This course enables students to earn college credit for learning and/or improving skills or knowledge on-the-job. Occupational Work Experience is discipline specific and must connect to the student's major or occupational goal(s). Seventy-five (75) hours of documented paid work experience equals 1 unit of credit. Sixty (60) hours of documented volunteer experience equals 1 unit of credit. A student may enroll in up to 16 total units of work experience at Merced College. Students must have an established work site prior to enrolling in the course.

Merced Campus
9153 F 08:00a-10:20a Russell, C PS-2
S 08:00a-11:35a Russell, C IT-6
Comments: Section 9153 is held from 03/20/20 to 05/22/20. Web component which will require you to have internet access.
9164 MTWTh 11:15a-03:30p Scroggins, B IT-6
Comments: Section 9164 is held from 02/24/20 to 03/12/20. This is a learning community and requires registering in WELD-06-9164, WELD-07-9011, WELD-40A-9012, WELD-40B-9013, WELD-46-9014, and DRTF-59-9119. Web component which will require you to have internet access.
9165 MTWTh 08:00a-11:00a Scroggins, B PS-2
MTWTh 11:15a-03:30p Scroggins, B IT-6
Comments: Section 9165 is held from 02/24/20 to 03/12/20. Web Component which will require you to have internet access.
Courses with this icon have course materials that are free of charge and therefore not required to be purchased.

Los Banos Off-Campus

9920 MTWTh 08:00a-10:50a  OFLL-HBPG
MTWTh 12:00p-04:15p  OFLL-HBPG
Section 9920 is held from 02/24/20 to 03/12/20.
Section 9920 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.
This is a Learning Community course which requires registration in: DRFT-44-9916, WELD-07-9918, WELD-06-9920, WELD-40A-9922, WELD-40B-9924, WELD-46-9926, and WELD-53-4798.

9936 MTWTh 08:00a-10:50a  Xiong, F  OFLL-HBPG
MTWTh 12:00p-04:15p  Xiong, F  OFLL-HBPG
Comments: Section 9936 is held from 02/24/20 to 03/12/20.
Section 9936 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.

WELD-07 Fundamentals of TIG & MIG Welding

3.0 units: 36.0 hours lec,
54.0 hours lab.
This course emphasizes the development of minimum skill standards in welding. The Gas Metal Arc Welding (GMAW)(MIG), Gas Tungsten Arc Welding (GTAW)(TIG) and Plasma Arc Cutting (PAC) processes are studied as prescribed in the American Welding Society (AWS) Training Qualification (QC 10) entry level standards.

Merced Campus

9011 MTWTh 08:00a-09:25a  Russell, C  PS-2
MTWTh 09:40a-12:00p  Russell, C  IT-6
Comments: Section 9011 is held from 01/13/20 to 02/20/20.
This is a learning community and requires registering in WELD-06-9164, WELD-07-9011, WELD-40A-9012, WELD-40B-9013, WELD-46-9014, and DRFT-59-9119.

9925 MTWTh 08:00a-09:25a  Russell, C  PS-2
MTWTh 09:40a-12:00p  Russell, C  IT-6
Comments: Section 9925 is held from 01/13/20 to 02/20/20.

Los Banos Off-Campus

9918 MTWTh 01:00p-02:15p  Xiong, F  OFLL-HBPG
MTWTh 02:40p-04:35p  Xiong, F  OFLL-HBPG
Section 9918 is held from 01/13/20 to 02/20/20.
Section 9918 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.
This is a Learning Community course which requires registration in: DRFT-44-9916, WELD-07-9918, WELD-06-9920, WELD-40A-9922, WELD-40B-9924, WELD-46-9926, and WELD-53-4798.

WELD-40A Intro Welding Design & Construction

3.0 units: 36.0 hours lec,
54.0 hours lab.
Prerequisite: Take WELD-07. Minimum Grade C,P; This course covers basic metal fabrication skills as well as the design and construction of special industrial and agricultural equipment.

Merced Campus

9012 MTWTh 08:00a-11:00a  Scroggins, B  PS-2
MTWTh 11:15a-03:30p  Scroggins, B  IT-6
Comments: Section 9012 is held from 03/16/20 to 04/02/20.
Section 9012 includes a 1 hour lunch break. This is a learning community and requires registering in WELD-06-9164, WELD-07-9011, WELD-40A-9012, WELD-40B-9013, WELD-46-9014, and DRFT-59-9119. Web Component which will require you to have internet access.

9296 MTWTh 08:00a-11:00a  Scroggins, B  PS-2
MTWTh 11:15a-03:30p  Scroggins, B  IT-6
Comments: Section 9296 is held from 03/16/20 to 04/02/20.
Section 9296 includes a 1 hour lunch break. Web component which will require you to have internet access.

Los Banos Off-Campus

9922 MTWTh 08:00a-10:50a  Xiong, F  OFLL-HBPG
MTWTh 12:00p-04:15p  Xiong, F  OFLL-HBPG
Section 9922 is held from 03/16/20 to 04/02/20.
Section 9922 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.
This is a Learning Community course which requires registration in: DRFT-44-9916, WELD-07-9918, WELD-06-9920, WELD-40A-9922, WELD-40B-9924, WELD-46-9926, and WELD-53-4798.

9938 MTWTh 08:00a-10:50a  Xiong, F  OFLL-HBPG
MTWTh 12:00p-04:15p  Xiong, F  OFLL-HBPG
Comments: Section 9938 is held from 03/16/20 to 04/02/20.
Section 9938 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.

WELD-40B Adv Welding Design & Construction

3.0 units: 36.0 hours lec,
54.0 hours lab.
Prerequisite: Take WELD-40A; Minimum grade C,P; This course is a continuation of WELD 40A. It covers basic and advanced metal fabrication skills as well as the design and construction of special agricultural and industrial equipment.

Merced Campus

9013 MTWTh 08:00a-11:00a  Russell, C  PS-2
MTWTh 11:15a-03:30p  Russell, C  IT-6
Comments: Section 9013 is held from 04/06/20 to 04/30/20.
Section 9013 includes a 1 hour lunch break. This is a learning community and requires registering in WELD-06-9164, WELD-07-9011, WELD-40A-9012, WELD-40B-9013, WELD-46-9014, and DRFT-59-9119.

9256 TTh 05:00p-06:50p  Russell, C  IT-4B
TTh 07:00p-09:00p  Russell, C  IT-6
Comments: Section 9256 is held from 01/14/20 to 03/20/20.

9318 MTWTh 08:00a-11:00a  Russell, C  PS-2
MTWTh 11:15a-03:30p  Russell, C  IT-6
Comments: Section 9318 is held from 04/06/20 to 04/30/20.
Section 9318 includes a 1 hour lunch break.

Los Banos Off-Campus

9924 MTWTh 08:00a-10:15a  Xiong, F  OFLL-HBPG
MTWTh 10:30a-02:45p  Xiong, F  OFLL-HBPG.
Section 9924 is held from 04/06/20 to 05/07/20.
Section 9924 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.
This is a Learning Community course which requires registration in: DRFT-44-9916, WELD-07-9918, WELD-06-9920, WELD-40A-9922, WELD-40B-9924, WELD-46-9926, and WELD-53-4798.

9940 MTWTh 08:00a-10:15a  Xiong, F  OFLL-HBPG
MTWTh 10:30a-02:45p  Xiong, F  OFLL-HBPG.
Comments: Section 9940 is held from 04/06/20 to 05/07/20.
Section 9940 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.

WELD-46 Advanced Arc Welding Procedure

1.0 units:
3.0 hours lab.
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. Included will be welding assembly print interpretation, weld symbol interpretation, and weld joint preparation. Students will be prepared to take an AWS Welder
CLASSES

WELD-51 Introductory Pipe Welding
2.0 units: 18.0 hours lec,
54.0 hours lab. Prerequisite: Take MECH-06 or WELD-06. Take WELD-07. Minimum grade C,P. 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 Campus
9175 MW 05:30p-06:20p Russell, C AG-11
MW 06:35p-09:45p Russell, C IT-6
Comments: Section 9175 is held from 01/13/20 to 03/11/20.

WELD-53 Fabrication Equipment Operation and Safety
2.0 units: 1.0 hours lec,
3.0 hours lab. This course is an introduction to the welding program. It gives students the opportunity to familiarize themselves with commonly used equipment in industry. In addition to familiarizing themselves with industry standard equipment, they will be trained in lab procedure which will ensure students in more advanced classes can use the equipment without reserve.

Merced Campus
1422 M 07:00a-07:50a Scroggins, B PS-2
TTh 07:00a-07:50a Scroggins, B IT-6
Comments: Web Component which will require you to have internet access.

Los Banos Off-Campus
4798 M 07:00a-07:50a Xiong, F OFLL-HBPG
TTh 07:00a-07:50a Xiong, F OFLL-HBPG
Comments: Section 4798 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.

Work Experience (WORK)

WORK-40 General Work Experience
1.0 units
This course will enable students to earn college credit for learning or improving skills or knowledge while working. Any type of work is suitable, either paid or volunteer. This course will allow students to sample an experience in a career field that is not related to the student’s major. A student may not enroll in any more than 16 units of any cooperative work experience course at Merced College. Seventy-five hours of cooperative work experience (or 60 hours volunteer work) equals 1 unit of cooperative work experience credit.

Merced Campus
3001 - Pimentel, M
Comments: This course has a MANDATORY ORIENTATION. Please see the the Work Experience Webpage for orientation dates: http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html. Students registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 1 unit course is designed for students will work 60 volunteer or 75 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align: occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

3002 - Pimentel, M
Comments: This course has a MANDATORY ORIENTATION. Please see the the Work Experience Webpage for orientation dates: http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html. Students registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 2 unit course is designed for students will work 120 volunteer or 150 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align: occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

3003 - Pimentel, M
Comments: This course has a MANDATORY ORIENTATION. Please see the the Work Experience Webpage for orientation dates: http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html. Students registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 3 unit course is designed for students will work 180 volunteer or 225 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align: occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

3004 - Pimentel, M
Comments: This course has a MANDATORY ORIENTATION. Please see the the Work Experience Webpage for orientation dates: http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html. Students registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 4 unit course is designed for students will work 240 volunteer or 300 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align: occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

3005 - Pimentel, M
Students registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 1 unit course is designed for students who will work 60 volunteer or 75 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study.

- Baffunno, M
Comments: **INSTRUCTOR SIGNATURE REQUIRED**

Students registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 2 unit course is designed for students who will work 120 volunteer or 150 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

- De Matos, D
Comments: **INSTRUCTOR SIGNATURE REQUIRED**

Students registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 3 unit course is designed for students who will work 180 volunteer or 225 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study.

- De Matos, D
Comments: **INSTRUCTOR SIGNATURE REQUIRED**

Students registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 4 unit course is designed for students who will work 240 volunteer or 300 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study.

- De Matos, D
Comments: **INSTRUCTOR SIGNATURE REQUIRED**

Students registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 6 unit course is designed for students who will work 360 volunteer or 450 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

- Benson, L
Comments: **INSTRUCTOR SIGNATURE REQUIRED**

Students registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 8 unit course is designed for students who will work 480 volunteer or 600 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

- Benson, L
Comments: **INSTRUCTOR SIGNATURE REQUIRED**

Students registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 10 unit course is designed for students who will work 600 volunteer or 750 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.
Courses with this icon have course materials that are free of charge and therefore not required to be purchased.

3092 - Cates, K
Comments: This course has a MANDATORY ORIENTATION. Please see the Work Experience Webpage for orientation dates: http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work 40-class.html This 1-unit course is designed for students will work 120 volunteer or 150 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

3093 - Cates, K
Comments: This course has a MANDATORY ORIENTATION. Please see the Work Experience Webpage for orientation dates: http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work 40-class.html This 1-unit course is designed for students will work 180 volunteer or 225 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

3094 - Cates, K
Comments: **INSTRUCTOR SIGNATURE REQUIRED** Students registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 1 unit course is designed for students will work 60 volunteer or 75 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study.

3073 - Hunger, J
Comments: **INSTRUCTOR SIGNATURE REQUIRED** Students registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 2 unit course is designed for students will work 120 volunteer or 150 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

3074 - Hunger, J
Comments: **INSTRUCTOR SIGNATURE REQUIRED** Students registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 3 unit course is designed for students will work 180 volunteer or 225 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; cooperative work experience is available for students working in a major related to their field of study. Please visit the Career Center for information on cooperative work experience courses.

Dos Palos
Online Classes

Administrative Office Mgmt (AOM)
AOM-30 Introduction to Computer Applications
3.0 units: 36.0 hours lec, 54.0 hours lab.
This course is intended for students seeking an introduction to application software used in the workplace with emphasis on business situations. Computer applications including word processing, spreadsheets, databases, and presentation managers will be covered.

Online
2301 Greenwood, M Online
Comments: CONTACT: michelle.greenwood@mccd.edu for course-specific questions.
2371 Garcia Martinez, J Online
Comments: CONTACT: juan.garcia955@mccd.edu for course-specific questions

AOM-53 Advanced Computer Applications
3.0 units: 2.0 hours lec,
3.0 hours lab. Prerequisite: Take AOM-30 or CPSC-30; Minimum grade C,P; The student will learn the advanced features of word processor, spreadsheet, database, and presentation applications. Typically, the most current version of Microsoft Office is taught. Students are advised to check with the discipline faculty for software version information. A prerequisite challenge is encouraged from students who can provide evidence of competency of current introductory software skills in Microsoft Word, Excel, Access, and PowerPoint.

Online
2310 Blackmore, C Online
Comments: CONTACT: For course-specific questions contact the professor of the class cynthia.blackmore@mccd.edu.
ORIENTATION: MANDATORY - Tuesday, January 14, 2020; 03:30p-04:20p; LRC-156 (Learning Resource Center; 1st floor)
COMMENTS: Remaining hours to be held online.

Business (BUS)
BUS-10 Introduction to Business
3.0 units: 3.0 hours lec.
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. This information will be integrated and related to social, political, and international matters affecting the United States.

Online
2307 Haugen, A Online
Comments: CONTACT: haugen.a@mccd.edu for course-specific questions. COMMENTS: Students must log into the course or contact the instructor within the first four days of semester to avoid being dropped. Additional fees may apply. For specific text/access code, view the syllabus available in Canvas.

BUS-18A Business Law
4.0 units: 4.0 hours lec.
Prerequisite: Take BUS-10; and Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A; Minimum grade C,P; This course is a study of legal principles that govern the conduct of business. Included are surveys of the essential elements of legal history and jurisprudence; judicial, administrative, and alternative dispute resolution; ethics; business crime; torts; contracts and the UCC; bankruptcy; agency relationships; property; administrative law; labor and employment law; international law. Introduction to legal research and brief-writing are also included.

Online
2210 Matis Foss, A Online
Comments: CONTACT: amanda.matisfoss@mccd.edu for course specific questions.

BUS-35 Money Management
3.0 units: 3.0 hours lec.
Advisory: BUS-10 This course offers instruction in basic financial, career and life planning. Areas of study include income distribution; occupational earnings; wise buying; credit and borrowing; insurance; housing; savings and investments, taxes; and retirement and planning.

Online
2361 Haugen, A Online
Comments: CONTACT: haugen.a@mccd.edu for course-specific questions. COMMENTS: Students must log into the course or contact the instructor within the first four days of semester to avoid being dropped. Additional fees may apply. For specific text/access code, view the syllabus available in Canvas.

Child Development (CLDV)
CLDV-01 Child Growth and Development
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A; Minimum grade C,P; This introductory course examines the major physical, psychosocial, and cognitive/language developmental milestones for children, both typical and atypical, from conception through adolescence. There will be an emphasis on interactions between maturational processes and environmental factors. While studying developmental theory and investigative research methodologies, students will observe children, evaluate individual differences and analyze characteristics of development at various stages.

Online
2315 Brace, K Online
Comments: CONTACT: kirsty.brace@mccd.edu for course-specific questions.
2500 McCarrick, S Online
Comments: CONTACT: stacey.mccarrick@mccd.edu for course-specific questions.

CLDV-02 Child, Family and Community
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A; Minimum grade C,P; An examination of the developing child in a societal context which focuses on the interrelationships of family, school, and community and emphasizes historical and socio-cultural factors. The processes of socialization and identity development will be highlighted.

Online
2321 McCarrick, S Online
Comments: CONTACT: stacey.mccarrick@mccd.edu for course-specific questions.

CLDV-03 Principles and Practices of Teaching Young Children
3.0 units: 3.0 hours lec.
Prerequisite: Take 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. This course includes a review of the historical roots of early childhood programs and the evolution of the professional practices promoting advocacy, ethics, and professional identity.

Online
CLDV-05 Health, Safety and Nutrition
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-A or ENGL-85A or ENGL-85AC or ENGL-85E; Minimum grade C,P; This course is an introduction to laws, regulations, standards, policies and procedures as related to early childhood curriculum. The key components that ensure physical and mental health and safety for both children and staff will be identified; Specifically examining the importance of collaboration with families and health professionals. A focus of integrating the concepts of health, safety and nutrition applicable to daily planning and program development is explored.

Online
2317 Patton M Online
Comments: CONTACT: marvin.patton@mccd.edu for course-specific questions.

CLDV-06 Teaching in A Diverse Society
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-85A or ENGL-85AC or ENGL-85E; Minimum grade C,P; This course examines societal and personal attitudes, beliefs, values, assumptions and biases about culture, language, identity, family structures, ability, and socioeconomic status. Students will demonstrate strategies for helping children negotiate and resolve conflicts with a focus on using an anti-bias approach in the classroom.

Online
2343 Soria L Online
Comments: CONTACT: libby.soria@mccd.edu for course-specific questions.

CLDV-09 Human Development
3.0 units: 3.0 hours lec.
Advisory: ENGL-A. 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
2314 Bluett-Murphy V Online
Comments: CONTACT: victoria.bluett-murp@mccd.edu for course-specific questions.
2318 Bluett-Murphy V Online
Comments: CONTACT: victoria.bluett-murp@mccd.edu for course-specific questions.
2903 Patton M Online
Comments: Section 2903 is a 12-week online class held 01/13/20 to 04/04/20. CONTACT: patton.marvin@mccd.edu for course-specific questions.
2914 Clifford J Online
Comments: Section 2914 is a 9 week online class meeting from 1/13/20 through 3/13/20. CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

Computer Science (CPSC)

CPSC-01 Introduction to Computer Information Systems
4.0 units: 3.0 hours lec, 3.0 hours lab.
An introduction to the basics of computing systems, impact of computers on our society, and the future of computing. Focus on using applications, algorithm design, programming basics, database management systems, networking, ethics and security, information systems, internet and web technologies, and computer systems hardware and software components. Application of these concepts and methods through hands-on projects developing computer-based solutions to problems.

Online
2311 Cornec R Online

Economics (ECON)

ECON-01 Introduction to Microeconomics
3.0 units: 3.0 hours lec. Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A and MATH-81; Minimum Grade C,P; ECON-01 is an introductory course in microeconomic theories including maximization, benefit versus cost, rational choice, the analysis of demand and supply, the role of price in free markets, consumer behavior, market structure, production cost, competitive business models, and resource pricing. The course examines the nature of production, distribution, market outcomes, and the role of government in the market.

Online
2302 Carter J Online
Comments: CONTACT: john.carter1767@mccd.edu
2364 Carter J Online
Comments: CONTACT: john.carter1767@mccd.edu

ECON-02 Introduction to Macroeconomics
3.0 units: 3.0 hours lec. Prerequisite: Complete each group: Group 1: ECON-01 or AGBS-11; Group 2: ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A; Group 3: MATH-81 MATH-88 MATH-62 MATH-81 or MATH-C; Minimum Grade C,P; 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.

Online
2400 Carter J Online
Comments: CONTACT: john.carter1767@mccd.edu

English (ENGL)

ENGL-01A College Composition & Reading
4.0 units: 72.0 hours lec. Prerequisite: Previously taken ENGL-85AC or equivalent and passed with a minimum grade of C --- OR --- Place directly into ENGL-01A --- OR --- be concurrently enrolled in ENGL-95S
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. All sections listed below require a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.
Enrolling in an English course will automatically enroll you in an English laboratory (EDU-112A). This laboratory is a non-credit course; therefore, there are no fees for this course, and attendance is optional.

Online
2316 Kahliert S Online
Comments: CONTACT: Shirley.kahliert@mccd.edu
2337 Piro V Online
Comments: CONTACT: Piro.v@mccd.edu
2342 Kahliert S Online
Comments: CONTACT: Shirley.kahliert@mccd.edu
2351 Hundley A Online
Comments: CONTACT: Hundley.a@mccd.edu
2352 Mumford J Online
Comments: CONTACT: Mumford.j@mccd.edu
2391 Long J Online
Comments: CONTACT: long.j@mccd.edu
2445  Huntington, P           Online
Comments: CONTACT: Pamela.huntington@mccd.edu.
2446  Huntington, P           Online
Comments: CONTACT: Pamela.huntington@mccd.edu.
2490  Long, J                   Online
Comments: CONTACT: long.j@mccd.edu
2527  Epstein-Corbin, S        Online
Comments: CONTACT: Sean-Epstein.corbin@mccd.edu
2538  Fries, M                  Online
Comments: CONTACT: melissa.fries@mccd.edu
2539  Epstein-Corbin, S        Online
Comments: CONTACT: t sean-epstein.corbin@mccd.edu
2646  Hundley, A                Online
Comments: CONTACT: Hundley.a@mccd.edu

ENGL-01B Introduction to Literature
3.0 units: 54.0 hours lec.
Prerequisite: Take ENGL-01A Minimum grade C,P;
This course introduces representative works from four major genres: short story, novel, drama, and poetry. Students develop analytical and evaluative reading and writing skills while acquiring an appreciation for the cultural context and the aesthetic qualities of literature. Students read texts from various countries and periods in order to encourage an appreciation of literature's range, artistry, and insight into the human experience.
All sections listed below require a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.
Enrolling in an English course will automatically enroll you in an English syllabi. 3) testing 4) research 5) assignments.
Enrolling in an English course will automatically enroll you in an English course. This laboratory is a non-credit course; therefore, there are no fees for this course, and attendance is optional.

Online
2345  Piro, V                  Online
Comments: CONTACT: Piro.v@mccd.edu.
2379  Hundley, A                Online
Comments: Contact: Hundley.a@mccd.edu.
2392  Chavez, C                Online
Comments: CONTACT: Chavez.c@mccd.edu.
2518  Toconis, M                Online
Comments: CONTACT: Toconis.m@mccd.edu

ENGL-13 Critical Reasoning & Writing
3.0 units: 54.0 hours lec.
Prerequisite: Take ENGL-01A. Minimum grade C,P.
This course offers instruction in argumentative and critical writing, critical thinking, research strategies, information literacy, and proper documentation. Readings feature mostly non-fictional essays and books that reflect diverse cultural and gender perspectives on a variety of contemporary political and social issues, especially those involving race, ethnicity, and gender. ENGL-13/PHIL-13 meets the IGETC critical thinking/composition requirement.
All sections listed below require a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.
Enrolling in an English course will automatically enroll you in an English course. This laboratory is a non-credit course; therefore, there are no fees for this course, and attendance is optional.

Online
2105  Rempel, D                Online
Comments: CONTACT: denise.rempel@mccd.edu
2359  Rempel, D                Online
Comments: CONTACT: denise.rempel@mccd.edu
2393  Chavez, C                Online
Comments: CONTACT: Chavez.c@mccd.edu.
2513  Piro, V                  Online
Comments: CONTACT: Piro.v@mccd.edu.

Geography (GEOG)
GEOG-01 Physical Geography
3.0 units: 3.0 hours lec.
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. Tools of geographic inquiry are also briefly covered; they may include: maps, remote sensing, Geographic Information Systems (GIS) and Global Positioning Systems (GPS).

Online
2358  Morimoto, D             Online
Comments: CONTACT: morimoto.d@mccd.edu or (209) 384-6349
2369  Morimoto, D             Online
Comments: CONTACT: morimoto.d@mccd.edu or (209) 384-6349

GEOG-02 World Geography
3.0 units: 3.0 hours lec.
Advisory: ENGL-A. GEOG-02 is a survey of the geography of the world's regions. The study includes the ways in which environmental resources are utilized to satisfy the needs of mankind. There is emphasis on economic development, population, and food problems. Knowledge of the cultural and economic interaction between regions will enable the student to better understand contemporary world problems and potentials.

Online
2327  Morimoto, D             Online
Comments: CONTACT: morimoto.d@mccd.edu or (209) 384-6349

Guidance (GUID)
GUID-30 Foundations and Strategies For College Success
3.0 units: 3.0 hours lec.
This comprehensive course integrates the cultivation of skills, values, and attitudes indicative of confident, capable students/individuals with problem solving and critical/creative thinking. The course focuses on the following topics: life management, goal setting, career decision making, educational planning, college expectations and opportunities, instructor-student relationships, cultural diversity, lifestyle choices affecting health maintenance, stress management, campus resources, learning styles and strategies, and study skills. This course is recommended for all new students.

Online
2407  Online
2408  Online
2900  Online
2917  Online
 Comments: CONTACT:  
2942  Comments: Section 2942 is held from 02/02/20 to 02/28/20.
2943  Comments: Section 2943 is held from 02/02/20 to 02/28/20.

Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
GUID-48 Life & Career Planning
3.0 units: 3.0 hours lec.  
Advisory: ENGL-A. This is a structured sequential course in life and career planning. Experiences are provided that encompass education, occupation, and job trends. The total individual is explored: issues such as life roles, values, goals, life styles, preferences, coping skills, and personal barriers as they relate to decisions will be covered.

Online  
2350  
2921  

GUID-54 Foundations and Strategies for Academic Recovery  
3.0 units: 3.0 hours lec.  
This course is appropriate for students wishing to improve their academic standing. Each student will identify his/her educational goal and develop an appropriate plan for achieving that goal. Academic policies will be addressed and strategies to get off and stay off probation, such as, informed decision-making, problem solving, classroom behavior, and behavior modification will also be studied. This course is recommended for all students on academic and/or progress probation.

Online  
2409  
2410  
2916  
2918  
2938  

Health (HLTH)  
HLTH-10 Contemporary Health  
3.0 units: 3.0 hours lec.  
Advisory: ENGL-A. This course surveys the human condition from birth to death. Emphasis is placed on the impact of personal choice throughout life. Mental health, stress, alcohol, drugs, tobacco, disease processes, nutrition, fitness, sexuality, aging, environmental issues, and other related topics are studied and examined. The student is challenged to assume responsibility for his or her own health, well being, and lifestyle.

Online  
2328  
2357  

History (HIST)  
HIST-04A World History Part 1  
3.0 units: 3.0 hours lec.  
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 at least 1500.

Online  
2001  

HIST-17A US History/US Constitution  
3.0 units: 3.0 hours lec.  
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. Course will emphasize the development of critical and historical thinking skills.

Online  
2004  

HIST-17B US History & California State & Local Government  
3.0 units: 3.0 hours lec.  
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. The course covers the social, political, economic, and constitutional development of the nation.

Online  
2006  
2007  

Kinesiology (KINE)  
KINE-01 Introduction to Kinesiology  
3.0 units: 3.0 hours lec. Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A. Minimum grade C, P;  
This course is an introduction to the interdisciplinary approach to the study of human movement. An overview of the importance of the sub-disciplines in kinesiology will be discussed. Career opportunities in the areas of teaching, coaching, allied health, and fitness professions.

Online  
2244  

KINE-35 Flexibility and Cardiovascular Fitness  
2.0 units: 108.0 hours lab.  
Practical applications of all aspects of flexibility and cardiovascular conditioning are presented and performed. A system of class presenta-
tion is used to insure a gradual, safe, and total physiological adaptation of the student to exercise. A gradual, progressive, safe, and eventually total body fitness experience is pursued. Geriatric fitness adaptations are emphasized.

### Online

<table>
<thead>
<tr>
<th>Course</th>
<th>Instructor</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR-45 Introduction to Med Nutrition Therapy</td>
<td>Hobbs, J</td>
<td>Online</td>
</tr>
</tbody>
</table>

This course is designed to acquaint students with therapeutic and modified diets used in healthcare facilities. Topics include nutrition for disease states as well as normal nutrition needs. Students will become familiar with principles of nutrition intervention and client care. Students will be able to evaluate menus to meet the nutritional needs of patients. Cultural considerations and the management of long term care residents will be emphasized. This course is required for the student planning a career in food service supervision especially in health care institutions and recommended for nursing students. Advisory: ENGL-01A

### Liberal Studies (LBST)

#### LBST-20 Introduction to Education II

3.0 units: 36.0 hours lec., 54.0 hours lab.
Prerequisite: Take LBST-10 Minimum grade C,P; Students are provided additional opportunities to explore the teaching profession and how their personalities will fit with their career choice. Students will observe students and teachers in 4-8 Math and Science classroom environments and share observations with faculty and peers in weekly meetings to note differences in students, teaching/learning styles, and personal reactions to the classroom setting. Placements for LBST 20 will be in a classroom setting different from placements for LBST-10 so students may obtain maximum variety of experience. This course is intended for students who plan to teach in the K-8 levels; the course is required of students in their second year of the CSU Stanislaus Liberal Studies Program. Students must provide own transportation to off-campus school sites. Note: Fingerprint clearance and TB clearance are required. Students must dress appropriately as recommended by off-campus school sites. Observation placements are required for class and will not be available for students with felony convictions. Insufficient observation exposure will negatively affect grades.

#### Nutrition (NUTR)

#### NUTR-10 Nutrition

3.0 units: 54.0 hours lec. Prerequisite: ENGL-01A
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. It includes discussion on the nutritional values of foods, current topics in nutrition and nutritional needs throughout the life cycle. The relationship between diet and diseases will also be covered. Advisory: MATH-80

#### Philosophy (PHIL)

#### PHIL-13 Critical Reasoning & Writing

3.0 units: 3.0 hours lec. Prerequisite: Take ENGL-01A Minimum grade C,P; This course offers instruction in argumentative and critical writing, critical thinking, research strategies, information literacy, and proper documentation. Readings feature mostly non-fictional essays and books that reflect diverse cultural and gender perspectives on a variety of contemporary political and social issues, especially those involving race, ethnicity, and gender. ENGL-13/PHIL-13 meets the IGETC critical thinking/composition requirement.

#### Political Science (POSC)

#### POSC-01 Essentials of American Political System

3.0 units: 3.0 hours lec.
This course will introduce students to institutions of American national government, the American political system, and California state and local government. The course includes a study of the United States Constitution and its application to federal, state, and local government. Emphasis is placed upon various roles of national and state government, constitutional rights and obligations of citizens, and the evolution and development of California state political institutions. This course meets the United States Constitution requirement and the federal, California state, and local government requirement.

Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
Psychology (PSYC)

PSYC-01A Introduction to Psychology
3.0 units: 54.0 hours lec.
PSYC-01A is a survey course designed to provide an introduction to the facts and theories underlying human behavior. Special emphasis is given to the following topics: schools of psychology, physiological factors, sensation, perception, motivation, learning, thinking, emotion, abnormal behavior, personality, heredity, environment, and social factors.

ONLINE CLASSES

PSYC-09 Human Development
3.0 units: 3.0 hours lec.
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
2336 Bluett-Murphy, V Online
Comments: CONTACT: victoria.bluett-murp@mccd.edu for course-specific questions.
2362 Bluett-Murphy, V Online
Comments: CONTACT: victoria.bluett-murp@mccd.edu for course-specific questions.
2904 Patton, M Online
Comments: Section 2904 is a 12-week online class from 1/13/20 to 4/04/20. CONTACT: Patton.marvin@mccd.edu for course-specific questions.
2913 Clifford, J Online
Comments: Section 2913 is a 9 week online class meeting from 1/13/20 through 3/13/20. CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

PSYC-22 Human Sexuality
3.0 units: 3.0 hours lec.
This course explores the psychology of human sexuality. Psychological, biological, and sociocultural research is presented concerning all aspects of human sexuality in contemporary society. Specific topics include sexual anatomy and physiology, gender, sexual orientations, contraception, sexually transmitted infections, sexual dysfunction and sex for sale.

Online
2404 Engelke, V Online
Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

PSYC-36 Developmental Psychology: Adolescence
3.0 units: 3.0 hours lec.
This course is a study of human development during adolescence. The focus is on major theories and psychological research relating to the physical, cognitive, and psychological research relating to the physical, cognitive, and psychosocial aspects of development during adolescence, with an emphasis on the influence of culture.

Online
2912 Clifford, J Online
Comments: CONTACT: victoria.bluett-murp@mccd.edu for course-specific questions.

Sociology (SOC)

SOC-01 Introduction to Sociology
3.0 units: 3.0 hours lec.
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. The course begins with the understanding of the differences between personal troubles and public issues, and how sociologist apply various theoretical perspectives to a wide range of issues, such as: culture; socialization; social structure of society; deviance; issues of feminization; family; gender; race; inequality; economics; politics and population; and the relationship between the individual and society. The course acccents international comparisons to show how similar institutions are structures and function differently in different societies around the world.

Online
2399 Deeming, K Online
Comments: CONTACT: karen.deeming@mccd.edu
2496 Deeming, K Online
2506 Gabriella, A Online
Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.
2825 Olson, K Online
Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.
2923 Olson, K Online

SOC-03 Marriage and the Family
3.0 units: 3.0 hours lec.
This course provides an overview of sociological theories and concepts utilized to investigate marriage and family relationships. An empirical as well as experiential analysis of marriage and family functions, structures,
and roles is emphasized. Special focus is paid to contemporary issues, concerns, and debates regarding marriage and family dynamics.

Online

2504 Olson, K Online
Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

Tutorial (TUTR)

TUTR-35 Tutorial Seminar
1.0 units: 3.0 hours lab.
An introduction to the basics of computing systems, impact of computers on our society, and the future of computing. Focus on using applications, algorithm design, programming basics, database management systems, networking, ethics and security, information systems, internet and web technologies, and computer systems hardware and software components. Application of these concepts and methods through hands-on projects developing computer-based solutions to problems.

Online

2902 Flatt, S Online
Comments: Section 2902 is held from 02/03/20 to 04/10/20.

Virtual Office (VIRT)

VIRT-50 Virtual Office
3.0 units: 3.0 hours lec.
Learn how to become an independent contractor/freelancer in the virtual world.

Online

2381 Pirtle, T Online
Comments: CONTACT: toni.pirtle@mccd.edu. ORIENTATION: MANDATORY: - Tuesday, January 14, 2020; 05:30p-06:20p; VOC-114. COMMENTS: 3 hours lecture per week will be held online.

VIRT-55 Social Media Marketing and Strategy
3.0 units: 54.0 hours lec.
This course prepares the student for the role of a social Media Strategist and for the National Institute for Social Media Strategist certification examination.

Online

2929 Online Pirtle, T
Comments: Section 2929 is held 03/30/20 to 05/15/20. CONTACT: toni.pirtle@mccd.edu. ORIENTATION: MANDATORY: - Tuesday, March 31, 2020; 05:30p-06:20p; VOC-114. COMMENTS: 6 hours lecture per week will be held online.
Anthropology (ANTH)

ANTH-02 Sociocultural Anthropology
3.0 units: 3.0 hours lec.
Advisories: ENGL-A. 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. Subjects include subsistence patterns, social and political organization, language and communication, family and kinship, religion, the arts, social inequality, ethnicity, gender, and culture change. The course applies anthropological perspectives to contemporary issues.

Merced Campus

9009 S 09:00a-12:20p Gaugler, C IAC-110
Comments: Section 9009 is held on Saturdays from 1/18-5/16 except for 2/15, 4/11 and 4/18, which are non-instructional days.

Administrative Office Mgmt (AOM)

AOM-30 Introduction to Computer Applications
3.0 units: 36.0 hours lec, 54.0 hours lab.
This course is intended for students seeking an introduction to application software used in the workplace with emphasis on business situations. Computer applications including word processing, spreadsheets, databases, and presentation managers will be covered.

Merced Campus

9082 MTWTh 12:00p-01:00p Garcia Martinez, J VOC-115
9083 MTWTh 01:10p-02:35p Garcia Martinez, J VOC-115
Comments: Section 9082 is held 01/13/20 to 03/10/20. This is a Learning Community with AOM-30-9084, AOM-43-9083, AOM 50B-9084, AOM-50C-9086, AOM-52C-9087, AOM-56-9088, AOM-58A-9157, and VIRT-51-9089. Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

AOM-43 Essentials of Business Communication
3.0 units: 3.0 hours lec.
This course covers the business writing patterns of routine, persuasive, and negative messages. Students learn the basic training in listening, speaking, and non-verbal communication in order to develop the skills needed in everyday business communication. Given a scenario, students create e-mail, memos, letters, proposals, reports, and an ePortfolio. Students also learn about doing business with other cultures and giving oral business presentations.

Merced Campus

9081 MTWTh 09:00a-11:25a Pirtle, T VOC-115
Comments: Section 9081 is held 03/30/20 to 05/07/20. Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.
9083 MTWTh 09:00a-11:25a Pirtle, T VOC-115
Comments: Section 9083 is held 03/30/20 to 05/07/20. This is a Learning Community with AOM-30-9082, AOM-43-9083, AOM 50B-9084, AOM-50C-9086, AOM-52C-9087, AOM-56-9088, AOM-58A-9157, and VIRT-51-9089. Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

AOM-50B Document Formatting
3.0 units: 36.0 hours lec, 54.0 hours lab.
Students will develop keyboarding techniques and gain fundamental knowledge of word processing software in order to properly format memorandums, letters, envelopes, tables, and reports.

Merced Campus

9084 MTWTh 12:00p-01:00p Garcia Martinez, J VOC-115

AOM-50C Learn to Type
1.0 units: 1.0 hours lec.
This course provides an introduction to the keyboard for non-typists.

Merced Campus

9085 TTh 08:00a-08:50a Blackmore, C VOC-114
Comments: Section 9085 is held 01/13/20 to 03/13/20. Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.
9086 MTWTh 08:00a-08:50a Garcia Martinez, J VOC-115
Comments: Section 9086 is held 01/13/20 to 02/06/20. This is a Learning Community with AOM-30-9082, AOM-43-9083, AOM 50B-9084, AOM-50C-9086, AOM-52C-9087, AOM-56-9088, AOM-58A-9157, and VIRT-51-9089. Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

AOM-52C Keyboarding Speed & Accuracy
1.0 units: 1.0 hours lec.
This course is designed to increase keyboarding speed and accuracy through individualized evaluation. The course helps bridge the speed gap between each level of keyboarding instruction. It is designed for the student who wishes to gain keyboarding speed and accuracy. Advisory: AOM-50C.

Merced Campus

9087 MTWTh 08:00a-08:50a Garcia Martinez, J VOC-115
Comments: Section 9087 is held 02/10/20 to 03/09/20. This is a Learning Community with AOM-30-9082, AOM-43-9083, AOM 50B-9084, AOM-50C-9086, AOM-52C-9087, AOM-56-9088, AOM-58A-9157, and VIRT-51-9089. Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.
9139 TTh 08:00a-08:50a Blackmore, C VOC-114
Comments: Section 9139 is held 03/16/20 to 05/22/20. Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

AOM-56 Office Procedures
3.0 units: 3.0 hours lec.
Advisories: ENGL-81. Students will learn the skills, strategies, and techniques needed to perform the common office procedures within any form of business.

Merced Campus

9088 MTWTh 09:00a-11:25a Pirtle, T VOC-115
Comments: Section 9088 is held 01/13/20 to 02/19/20. This is a Learning Community with AOM-30-9082, AOM-43-9083, AOM 50B-9084, AOM-50C-9086, AOM-52C-9087, AOM-56-9088, AOM-58A-9157, and VIRT-51-9089. Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.
9139 MTWTh 09:00a-11:25a Pirtle, T VOC-115
Comments: Section 9139 is held 01/13/20 to 02/19/20. Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.
AOM-58A Web Site Development
2.0 units: 2.0 hours lec.
This is an introductory course in the planning, design and creation of a website.

Merced Campus
9157 MTWTh 08:00a-08:50a Garcia Martinez, J VOCC-115
Comments: Section 9157 is held from 03/16/20 to 05/12/20. This is a Learning Community with AOM-30-9082, AOM-43-9083, AOM-50-9084, AOM-50C-9086, AOM-52C-9087, AOM-56-9088, AOM-58A-9157, and VIRT-51-9089. Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

ARTS-520 Theatre Production in the Community for Older Adults
0.0 units: .
This class offers the older adult community member the opportunity to perform theatrical roles and or learn the basics of technical positions in theatrical rehearsal and public performance.

Merced Campus
5601 TTh 05:00p-08:20p McCabe-Bryx, L THTR-STG

Athletics (ATHL)

ATHL-01B Intercollegiate Basketball
1.5 units: 5.0 hours lab.
This course teaches theory, practice and game performance of competitive basketball. This course may be repeated three times.

Merced Campus
9600 MTWTh 02:00p-04:25p Russell, W GYM-1
Comments: Section 9600 is held from 01/13/20 to 03/13/20.
9601 MTWThF 12:00p-01:50p Huddleston, A GYM-1
Comments: Section 9601 is held from 01/13/20 to 03/13/20.

ATHL-02B Off-Season Conditioning for Basketball
1.0 units: 3.0 hours lab.
This course is designed to optimize sports performance and reduce risk of injury for the off-season intercollegiate athlete in the sport of basketball. Course content will include: sport specific skill development, sport specific strength training, cardiovascular conditioning, agility work, plyometrics, speed training, and flexibility exercises. This course is designed to prepare students for intercollegiate basketball competition and may be repeated to meet requirements for CCCAA eligibility.

Merced Campus
9166 MWF 02:30p-04:20p Ramirez, J GYM-5
Comments: Section 9166 is held from 01/13/20 to 03/20/20.

ATHL-13 Advanced Basketball
1.0 units: 54.0 hours lab.
This course offers the more advanced student the opportunity to develop and improve fundamental skills involved in basketball, such as, ball handling, shooting, defensive and offensive tactics, and physical endurance. It also covers team strategy and play. Rules, strategy, and sportsmanship are also stressed. This course may be repeated three times.

Merced Campus
9127 MWF 12:00p-01:50p Huddleston, A GYM-1
Comments: Section 9127 is held from 03/16/20 to 05/22/20.
9184 MWTh 02:00p-03:50p Russell, W GYM-1
Comments: Section 9184 is held from 03/16/20 to 05/22/20.

ATHL-36B Theory & Analysis of Basketball
1.0 units: 1.0 hours lec.
This course presents the fundamental knowledge of basketball through techniques of lecture, discussions, and video analysis. This course is recommended for physical education, recreation, and recreation-aide majors and varsity basketball players.

Merced Campus
9133 TTh 05:30p-06:20p Russell, W GYM-1
Comments: Section 9133 is held from 01/13/20 to 03/13/20.

Automotive Technology (AUTO)

AUTO-32 Wheel Alignment & Suspension
4.0 units: 3.0 hours lec, 3.0 hours lab.
Advisories: AUTO-04; ENGL-A; MATH-80. This course is designed to provide the technical knowledge and experience required for aligning and servicing suspension systems on modern automobiles. Laboratory exercises will provide the student an opportunity to develop entry-level skills in the use of machines and equipment commonly used in wheel alignment, tire service, and front-end repairs.

Merced Campus
9406 MTWTh 08:00a-09:35a Weepers, M IT-4B
MTWTh 09:50a-11:25a Weepers, M IT-4B
Comments: Section 9406 requires an additional fee for materials. Web Component which will require you to have internet access.

AUTO-33 Automotive Brake Systems
4.0 units: 54.0 hours lec, 54.0 hours lab.
This course is designed for students without prior experience in automotive brake repair. The course will cover theory, service and repair of conventional, AntiLock Brake Systems (ABS) and related brake systems. Laboratory exercises will provide the student the opportunity to develop skills and knowledge in the use of tools and equipment necessary in the repair and service of automotive brake systems.

Merced Campus
9198 MTWTh 08:00a-09:25a Weepers, M IT-4B
MTWTh 09:45a-11:10a Weepers, M IT-4B
Comments: Section 9198 requires an additional fee for materials. Web Component which will require you to have internet access.

AUTO-36 Automotive Manual Transmissions & Drive Trains
4.0 units: 54.0 hours lec, 54.0 hours lab.
Advisories: AUTO-04; ENGL-A; MATH-80. 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. Laboratory exercise will provide the student with proper repair procedures and use of related tools and equipment. Standard transmissions, transaxles, differentials, drivelines, and related components will be covered.

Merced Campus
9403 MTWTh 01:00p-02:30p Weepers, M IT-4B
MTWTh 02:55p-04:25p Weepers, M IT-4B
Comments: Section 9403 is held from 01/13/20 to 03/05/20. This is a learning community and requires registering in AUTO-36-9403, AUTO-41-9186, AUTO-43-9405, AUTO-46-9179. Web component which will require you to have internet access. Requires an additional fee for materials.

AUTO-41 Automotive Engines
4.0 units: 36.0 hours lec, 108.0 hours lab.
Prerequisite: Take AUTO-04This is a class in the principles and theory of engine repair and rebuilding including the disassembly and assembly of engines. There will be emphasis on inspection, measuring, and comparing worn and rebuilt parts. Testing equipment will be used during in-car engine condition diagnosis. Also included will be minor machining operations that are used in engine rebuilding and repairing.
the use of machines and equipment commonly used in wheel alignment, exercises will provide the student an opportunity to develop entry-level skills in servicing suspension systems on modern automobiles. Laboratory exercises will provide the technical knowledge and experience required for aligning and setting wheel alignment. Advisories: AUTO-04; ENGL-A; MATH-80. This course is designed to provide the technical knowledge and experience required for aligning and servicing suspension systems on modern automobiles. Laboratory exercises will provide the student an opportunity to develop entry-level skills in the use of machines and equipment commonly used in wheel alignment.

AUTO-42 Automotive Electrical Systems
4.0 units: 54.0 hours lec, 54.0 hours lab. Prerequisite: Take AUTO-63; Minimum Grade C,P.
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. The student will acquire working and technical knowledge of electrical accessories and accessory circuits. The use of special service tools and electronic diagnostic equipment will be included.

AUTO-43 Automotive Computerized Engine Controls
4.0 units: 54.0 hours lec, 54.0 hours lab. Prerequisite: Take AUTO-04 and AUTO-63.
This course covers the testing and service of automotive fuel systems, including fuel injection systems, electronic engine controls, and emission controls.

AUTO-46 Automatic Transmissions
4.0 units: 18.0 hours lec, 108.0 hours lab. Advisories: AUTO-04, AUTO-62; ENGL-A; MATH-80. This course will cover domestic and import automatic transmissions and transaxles. Rebuilding will include diagnosis, inspection, repair, and testing. Theory will cover power flow, apply devices, hydraulics, torque converters, and shift controls.

Business - Noncredit (BUSN)
BUSN-752 Introduction to Microcomputers
0.0 units: Advisories: AUTO-04; ENGL-A; MATH-80. This course is designed to provide the technical knowledge and experience required for aligning and servicing suspension systems on modern automobiles. Laboratory exercises will provide the student an opportunity to develop entry-level skills in the use of machines and equipment commonly used in wheel alignment.

Los Banos Campus
5904 F 09:00a-11:00a Moreno, M LB-A-108

Child Development (CLDV)
CLDV-09 Human Development
3.0 units: 3.0 hours lec. Advisory: ENGL-A. 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
2914 Clifford, J Online Comments: Section 2914 is a 9 week online class meeting from 1/13/20 through 3/13/20. CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.
2903 Patton, M Online Comments: Section 2903 is a 12-week online class held 01/13/20 to 04/04/20. CONTACT: patton.marvin@mccd.edu for course-specific questions.

CLDV-65A Language and Literacy for Young Children
1.0 units: 18.0 hours lec. This course is designed to introduce and apply the California Preschool Learning Foundations and Framework in the area of Language and Literacy. This course will guide teachers to visualize and consider how research and practices are appropriately implemented in Transitional Kindergarten (TK) and other early childhood preschool classrooms. Students will learn developmentally appropriate strategies providing children active learning experiences in language and literacy; including oral, written, and reading strategies.

Online
2955 Soria, L CDCM-16 Comments: CONTACT: libby.soria@mccd.edu Section 2955 is held 02/24/20 to 04/04/20. IN-CLASS SESSIONS: Saturdays: 02/29/20 and 03/28/20; 08:30a-1:20p; CDCM-16. COMMENTS: 8 hours total lecture by arrangement will be held online.

Criminal Justice (CRIM)
CRIM-42D Reserve Officer Module Level 2
10.0 units: 162.0 hours lec, 54.0 hours lab. Prerequisite: Take CRIM-42C. Minimum grade C,P. This course satisfies the Level 2 Modular Format Basic Course training requirements of the Commission on Peace Officer Standards and Training (POST). It covers community relations, victimology, crisis intervention, property crimes, crimes against persons, general criminal statutes, laws of arrest, laws of search and seizure, presentation of evidence, investigative report writing, use of force, patrol techniques, vehicle pullovers, crimes in progress, traffic enforcement, unusual occurrences, preliminary investigation, arrest and control methods-including baton, firearms, chemical agents, persons with disabilities, crimes against the justice system, weapons violations, hazardous materials, cultural diversity and discrimination issues. Students missing more than 5% of class time will not be allowed to complete the class (POST regulations). This course is repeatable 2 times.

Merced Campus
9179 MTWTh 08:00a-09:55a Weepers, M IT-4B Comments: Section 9179 is held from 03/16/20 to 05/14/20. This is a learning community and requires attending class (POST regulations). This course is repeatable 2 times.

CRIM-42D Reserve Officer Module Level 2
10.0 units: 162.0 hours lec, 54.0 hours lab. Prerequisite: Take CRIM-42C. Minimum grade C,P. This course satisfies the Level 2 Modular Format Basic Course training requirements of the Commission on Peace Officer Standards and Training (POST). It covers community relations, victimology, crisis intervention, property crimes, crimes against persons, general criminal statutes, laws of arrest, laws of search and seizure, presentation of evidence, investigative report writing, use of force, patrol techniques, vehicle pullovers, crimes in progress, traffic enforcement, unusual occurrences, preliminary investigation, arrest and control methods-including baton, firearms, chemical agents, persons with disabilities, crimes against the justice system, weapons violations, hazardous materials, cultural diversity and discrimination issues. Students missing more than 5% of class time will not be allowed to complete the class (POST regulations). This course is repeatable 2 times.

Online
2955 Soria, L CDCM-16 Comments: CONTACT: libby.soria@mccd.edu Section 2955 is held 02/24/20 to 04/04/20. IN-CLASS SESSIONS: Saturdays: 02/29/20 and 03/28/20; 08:30a-1:20p; CDCM-16. COMMENTS: 8 hours total lecture by arrangement will be held online.

Drama (DRAM)
DRAM-02 Rehearsal and Performance
2.0 units: 18.0 hours lec, 54.0 hours lab. Prerequisite: Take DRAM-02L This course focuses on preparing students for course-specific questions.

209.384.6000

Los Banos Campus
5904 F 09:00a-11:00a Moreno, M LB-A-108

Child Development (CLDV)
CLDV-09 Human Development
3.0 units: 3.0 hours lec. Advisory: ENGL-A. 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
2914 Clifford, J Online Comments: Section 2914 is a 9 week online class meeting from 1/13/20 through 3/13/20. CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.
2903 Patton, M Online Comments: Section 2903 is a 12-week online class held 01/13/20 to 04/04/20. CONTACT: patton.marvin@mccd.edu for course-specific questions.

CLDV-65A Language and Literacy for Young Children
1.0 units: 18.0 hours lec. This course is designed to introduce and apply the California Preschool Learning Foundations and Framework in the area of Language and Literacy. This course will guide teachers to visualize and consider how research and practices are appropriately implemented in Transitional Kindergarten (TK) and other early childhood preschool classrooms. Students will learn developmentally appropriate strategies providing children active learning experiences in language and literacy; including oral, written, and reading strategies.

Online
2955 Soria, L CDCM-16 Comments: CONTACT: libby.soria@mccd.edu Section 2955 is held 02/24/20 to 04/04/20. IN-CLASS SESSIONS: Saturdays: 02/29/20 and 03/28/20; 08:30a-1:20p; CDCM-16. COMMENTS: 8 hours total lecture by arrangement will be held online.

Criminal Justice (CRIM)
CRIM-42D Reserve Officer Module Level 2
10.0 units: 162.0 hours lec, 54.0 hours lab. Prerequisite: Take CRIM-42C. Minimum grade C,P.This course satisfies the Level 2 Modular Format Basic Course training requirements of the Commission on Peace Officer Standards and Training (POST). It covers community relations, victimology, crisis intervention, property crimes, crimes against persons, general criminal statutes, laws of arrest, laws of search and seizure, presentation of evidence, investigative report writing, use of force, patrol techniques, vehicle pullovers, crimes in progress, traffic enforcement, unusual occurrences, preliminary investigation, arrest and control methods-including baton, firearms, chemical agents, persons with disabilities, crimes against the justice system, weapons violations, hazardous materials, cultural diversity and discrimination issues. Students missing more than 5% of class time will not be allowed to complete the class (POST regulations). This course is repeatable 2 times.

Online
2955 Soria, L CDCM-16 Comments: CONTACT: libby.soria@mccd.edu Section 2955 is held 02/24/20 to 04/04/20. IN-CLASS SESSIONS: Saturdays: 02/29/20 and 03/28/20; 08:30a-1:20p; CDCM-16. COMMENTS: 8 hours total lecture by arrangement will be held online.

Drama (DRAM)
DRAM-02 Rehearsal and Performance
2.0 units: 18.0 hours lec, 54.0 hours lab. Prerequisite: Take DRAM-02L This course focuses on preparing students for course-specific questions.

Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
for the practical application of rehearsal techniques, play promotion, and production towards public performance using a different work or genre for each subsequent offering. Stage management, direction, rehearsal procedures, and marketing skills are stressed. Because a different work or genre is explored in each subsequent offering, the course may be repeated three times.

**Merced Campus**

9205  MTWTh  05:00p-05:50p  McCue-Bryx, L  THTR-STG
TTh  06:00p-08:20p  McCue-Bryx, L  THTR-STG

Comments: Section 9205 is held from 1/21/2020 to 3/5/2020. Auditions will be held 1/21/2020; 5:00p-08:20p; THTR-STG. Registration NOT allowed before first night of class.

**Dramatic Technology (DRFT)**

**DRFT-05 Technical Graphics**

3.0 units: 36.0 hours lec, 54.0 hours lab.
Prerequisite: Take DRFT-04A or DRFT-04C; Minimum grade C,P; 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 Campus**

9169  MTWTh  08:00a-09:15a  Thornburgh, J  VOC-40
MTWTh  09:30a-11:50a  Thornburgh, J  VOC-40
Comments: Section 9169 is held from 01/13/20 to 02/20/20. This is a learning community and requires registering in DRFT-05-9169, DRFT-10-9173, DRFT-25-9170, DRFT-35-9174, DRFT-04D-9172. Web Component which will require you to have internet access.

**DRFT-10 Rendering and Animation**

3.0 units: 36.0 hours lec, 54.0 hours lab.
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 Campus**

9173  MTWTh  12:20p-01:35p  Thornburgh, J  VOC-40
MTWTh  01:45p-03:50p  Thornburgh, J  VOC-40
Comments: Section 9173 is held from 04/06/20 to 05/21/20. This is a learning community and requires registering in DRFT-05-9169, DRFT-10-9173, DRFT-25-9170, DRFT-35-9174, DRFT-04D-9172. Web Component which will require you to have internet access.

9275  MTWTh  12:20p-01:35p  Thornburgh, J  VOC-40
MTWTh  01:45p-03:50p  Thornburgh, J  VOC-40
Comments: Section 9275 is held from 04/06/20 to 05/21/20. Web Component which will require you to have internet access.

**DRFT-25 Descriptive Geometry**

3.0 units: 36.0 hours lec, 54.0 hours lab.
Prerequisite: Take DRFT-04A and DRFT-05; Minimum grade C,P; Advisory: MATH-02. This course involves the use of computer-aided drafting and hand sketching to solve problems and communicate ideas. The course is also an introduction to descriptive geometry using computers and more traditional methods of problem solving through the auxiliary view and two-view methods. The development of graphical methods in their application to graphs, charts, and spatial and vector geometry will be studied.

**Merced Campus**

9170  MTWTh  12:20p-01:35p  Thornburgh, J  VOC-40
MTWTh  01:45p-03:50p  Thornburgh, J  VOC-40
Comments: Section 9170 is held from 02/25/19 to 04/04/19. This is a learning community and requires registering in DRFT-05-9169, DRFT-10-9173, DRFT-25-9170, DRFT-35-9174, DRFT-04D-9172. Web Component which will require you to have internet access.

9276  MTWTh  12:20p-01:35p  Thornburgh, J  VOC-40
MTWTh  01:45p-03:50p  Thornburgh, J  VOC-40
Comments: Section 9276 is held from 02/24/20 to 04/02/20. Web Component which will require you to have internet access.

**DRFT-35 Capstone Design Project**

3.0 units: 36.0 hours lec, 54.0 hours lab.
Prerequisite: Take DRFT-10 OR Take DRFT-04C or DRFT-43; Minimum grade C,P; 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). They will experience the different steps as they design a product/building to solve a problem or meet a need. Students will use different software as needed throughout the project, and they will learn how to use project management software.

**Merced Campus**

9174  MTWTh  08:00a-09:15a  Thornburgh, J  VOC-40
MTWTh  09:30a-11:35a  Thornburgh, J  VOC-40
Comments: Section 9174 is held from 04/06/20 to 05/21/20. This is a learning community and requires registering in DRFT-05-9169, DRFT-10-9173, DRFT-25-9170, DRFT-35-9174, DRFT-04D-9172. Web Component which will require you to have internet access.

9277  MTWTh  08:00a-09:15a  Thornburgh, J  VOC-40
MTWTh  09:30a-11:35a  Thornburgh, J  VOC-40
Comments: Section 9277 is held from 04/06/20 to 05/21/20. Web Component which will require you to have internet access.
**DRFT-44 Print Reading & Sketching**
3.0 units: 2.0 hours lec, 3.0 hours lab.
Advisories: ENGL-81, ENGL-84; MATH-80. This course is for technical students and other personnel who must be skilled in reading industrial prints. The student will become familiar with industrial prints, industry standards, and current practices. There will be a basic coverage of sketching as it applies to the communication skills of reading prints.

**Mered Campus**
9122 MW 05:10p-07:00p Russell, C VOC-40
MW 07:10p-10:00p Russell, C VOC-40
Comments: Section 9122 is held from 03/16/20 to 05/21/20.

**Los Banos Off-Campus**
9916 MTWTh 08:00a-09:20a Xiong, F OFLL-HBPG
MTWTh 09:30a-11:35a Xiong, F OFLL-HBPG
Comments: Section 9916 is held from 01/13/20 to 02/20/20.
Section 9916 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos
This is a Learning Community course which requires registration in: DRFT-44-9916, WELD-07-9916, WELD-06-9920, WELD-40A-9922, WELD-40B-9924, WELD-46-9926, and WELD-53-4798.

9930 MTWTh 08:00a-09:20a Xiong, F OFLL-HBPG
MTWTh 09:30a-11:35a Xiong, F OFLL-HBPG
Comments: Section 9930 is held from 01/13/20 to 02/20/20.
Section 9930 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos

**DRFT-59 Basic Drafting**
3.0 units: 36.0 hours lec, 54.0 hours lab.
Advisories: ENGL-81, ENGL-84; MATH-80. 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.

**Mered Campus**
9119 MTWTh 01:00p-02:25p Thornburgh, J VOC-40
MTWTh 02:30p-04:50p Thornburgh, J VOC-40
Comments: Section 9119 is held from 01/13/20 to 02/20/20.
This is a learning community and requires registering in WELD-06-9164, WELD-07-9011, WELD-40A-9012, WELD-40B-9013, WELD-46-9014, and DRFT-59-9119. Web Component which will require you to have internet access.

9408 MTWTh 01:00p-02:25p Thornburgh, J VOC-40
MTWTh 02:30p-04:50p Thornburgh, J VOC-40
Comments: Section 9408 is held from 01/13/20 to 02/20/20.
Web Component which will require you to have internet access.

**Education - Noncredit (EDU)**

**EDU-112C Skills Acquisition for Student Success - Allied Health**
0.0 units: .
This course is designed to provide students the opportunity to improve and enhance their allied health skills through any number of training exercises that assist in the clinical development of and reinforcement of the practical allied health skills. The course is in a lab setting enriched with a resource library, manikins (for skills practice), and computer stations. Course duration is 8-36 hours. Open Entry.

**Mered Off-Campus**
5013 F 08:00a-04:30p Mattos, K BRC-220
5014 F 08:00a-04:30p Mattos, K BRC-220

**EDU-508 Mature Driver Improvement**
0.0 units: .
This course is designed primarily for drivers age 55 and older. Students receive classroom instruction on driving safety, road courtesy, improving driving performance, and safe driving techniques for emergencies. This course is 8 hours in duration.

**Los Banos Campus**
5637 F 08:30a-04:30p Lara, L OFM-DRUS
5634 F 08:30a-04:30p Lara, L OFM-DRUS
5630 Th 08:30a-04:30p Lara, L OFM-DRUS

**Mariposa**
5631 W 08:30a-04:30p Lara, L OFM-MRIP
5632 W 08:30a-04:30p Lara, L OFM-MRIP
5633 W 08:30a-04:30p Lara, L OFM-MRIP
5635 W 08:30a-04:30p Lara, L OFM-MRIP
5636 F 08:30a-04:30p Lara, L OFM-MRIP

**Electricity/Electronics Tech (ELCT)**

**ELCT-34 Digital Logic Circuits & Systems**
3.0 units: 36.0 hours lec, 54.0 hours lab.
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.

**Mered Campus**
9132 MTWTh 01:00p-05:05p Coate, D VOC-42
Comments: Section 9132 is held from 01/13/20 to 02/20/20.
This is a learning community and requires registering in ELCT-34-9132, ELCT-36-9262, ELCT-40C-9284, ELCT-40D-9259, ELCT-51B-9260, AND AOM-30.

9261 MTWTh 01:00p-05:05p Coate, D VOC-42
Comments: Section 9261 is held from 01/13/20 to 02/20/20.
This is a learning community and requires registering in ELCT-34-9261, ELCT-36-9262, ELCT-40C-9284, ELCT-40D-9259, ELCT-51B-9260, AND AOM-30.

**ELCT-36 Networking Topologies & Cabling**
3.0 units: 36.0 hours lec, 54.0 hours lab.
This is a course designed to provide the student with information and knowledge to prepare for the industry-standard Building Industry Consulting Service International (BICSI) Register installer. Level I exam, and employment as a telecommunications cabling installer. Students will gain an understanding of the cabling industry, U.S. and international standards, basic networking, signal transmission, copper cabling, fiber optics, installation, safety, structured cabling system basics, cable management, cable testing, and emerging technologies. Students will also be prepared to read network design documentation, architectural blueprints, set up part lists, purchase components, pull and mount cable, choose wiring closets, install jacks, and perform cable testing. This course is repeatable three times.

**Mered Campus**
9262 MTWTh 12:20p-03:45p Coate, D VOC-42
Comments: Section 9262 is held from 02/24/20 to 04/02/20.
This is a learning community and requires registering in ELCT-34-9262, ELCT-36-9262, ELCT-40C-9284, ELCT-40D-9259, ELCT-51B-9260, AND AOM-30.

9282 MTWTh 2:20p-03:45p Coate, D VOC-42
Comments: Section 9282 is held from 02/24/20 to 04/02/20.

**ELCT-40C Routing and Switching in the Enterprise**
3.0 units: 36.0 hours lec, 54.0 hours lab.
Prerequisite: Take CPSC-40B or ELCT-40B; Minimum grade C,P;
This course is designed to provide the student with the knowledge and skills to become a network traffic engineer who monitors and administers the traffic on a complex network. Students will learn to design, install, monitor, and maintain routing and switching systems. This course will focus on the TCP/IP network models, routing and switching devices, addressing, IP protocols, and traffic management. Course includes working with routing and switching devices, network testing, and analyzing network traffic.

**Mered Campus**
9275 MTWTh 09:00a-10:25a Hull, R VOC-42
Comments: Section 9275 is held from 02/24/20 to 04/02/20.
This is a learning community and requires registering in, ELCT-34-9275, ELCT-36-9275, ELCT-40C-9284, ELCT-40D-9259, ELCT-51B-9260, AND AOM-30.

9282 MTWTh 2:20p-03:45p Coate, D VOC-42
Comments: Section 9282 is held from 02/24/20 to 04/02/20.
are introduced to students. Variable Length Subnet Masking (VLSM) is emphasized and Internet Protocol version 6 (IPv6) is introduced in device configurations. It also introduces advanced routing protocols such as Enhanced Interior Gateway Routing Protocol (EIGRP) and Open Shortest Path First (OSPF) Protocol. Hands-on exercises include configuration, installation, and troubleshooting of multi-router systems.

**Merced Campus**

9284 MTWTh 08:00a-12:05p Coate, D VOC-42 Comments: Section 9284 is held from 01/13/20 to 02/20/20.

9432 MTWTh 08:00a-12:05p Coate, D VOC-42 Comments: Section 9432 is held from 01/13/20 to 02/20/20. This is a learning community and requires registering in, ELCT-34-9132, ELCT-36-9262, ELCT-40C-9284, ELCT-40D-9259, ELCT-51B-9260, AND AOM-30.

**ELCT-40D Designing and Supporting Computer Networks**

3.0 units: 36.0 hours lec, 54.0 hours lab.
Prerequisite: Take ELCT-40C. Minimum grade C,P.
This course introduces students to network design processes using two examples; a large stadium enterprise network and a medium-sized film company network. Students follow a standard design process to expand and upgrade each network, which includes requirements gathering, proof-of-concept, and project management. Lifecycle services, including upgrades, competitive analyses, and system integration are presented in the context of pre-sale support.

**Merced Campus**

9259 MTWTh 08:00a-11:25a Avery, W VOC-42 Comments: Section 9259 is held from 02/24/20 to 04/02/20. This is a learning community and requires registering in, ELCT-34-9132, ELCT-36-9262, ELCT-40C-9284, ELCT-40D-9259, ELCT-51B-9260, AND AOM-30.

9285 MTWTh 08:00a-11:25a Avery, W VOC-42 Comments: Section 9285 is held from 02/24/20 to 04/02/20. This is a learning community and requires registering in, ELCT-34-9132, ELCT-36-9262, ELCT-40C-9284, ELCT-40D-9259, ELCT-51B-9260, AND AOM-30.

**ELCT-51B A+ Certification Training**

3.0 units: 36.0 hours lec, 54.0 hours lab.
This is a course designed to provide the student with a working knowledge of the hardware and software used with personal computers (PCs). The course will cover the basic principles of operation, established standards for maintaining compatibility between components and boards, the use of diagnostic software and hardware, various types of operating systems, and standard troubleshooting techniques.

**Merced Campus**

9124 MTWTh 01:00p-02:15p Coate, D VOC-42
MTWTh 02:30p-04:35p Coate, D VOC-42 Comments: Section 9124 is held from 04/06/20 to 05/21/20. This is a learning community and requires registering in, ELCT-34-9132, ELCT-36-9262, ELCT-40C-9284, ELCT-40D-9259, ELCT-51B-9260, AND AOM-30.

9260 MTWTh 01:00p-02:15p Coate, D VOC-42
MTWTh 02:30p-04:35p Coate, D VOC-42 Comments: Section 9260 is held from 04/06/20 to 05/21/20. This is a learning community and requires registering in, ELCT-34-9261, ELCT-36-9262, ELCT-40C-9258, ELCT-40D-9259, AND ELCT-51B-9260.

**ELCT-53A Solar Installer Course 1**

3.0 units: 18.0 hours lec, 54.0 hours lab.
This is an introductory course that will examine and implement the design and installation of a working solar photovoltaic power system. Students will learn how to safely use appropriate tools, make electrical load and solar system size calculations, and examine installation techniques for both grid-tie and off grid photovoltaic systems. This course is intended for students who are contemplating a career in the solar photovoltaic industry.

**Merced Campus**

9005 MTWTh 12:30p-04:20p Nagano, J IT-3 Comments: Section 9005 is held from 01/13/20 to 02/20/20. This is a learning community and requires registering in, ELCT-56-9007, ELCT-53A-9005, INDT-35-9006, AND INDT-419-9001.

9287 MTWTh 12:30p-04:20p Nagano, J IT-3 Comments: Section 9287 is held from 01/13/20 to 02/20/20.

**ELCT-56 Introduction to Mechatronics**

4.0 units: 36.0 hours lec, 108.0 hours lab.
Prerequisite: Take ELCT-42A; Minimum Grade C,P;
This course introduces students to mechatronics, the rapidly developing field that integrates mechanical, electronic and software engineering in the service of advanced manufacturing. Students will develop an interdisciplinary and integrated approach to design, manufacturing and troubleshooting mechatronics systems. Students will learn how various components such as electronic sensors, electro-pneumatic valves, actuators, motors, and robotic arms work, and how they can be integrated with other mechanical components into complex automated systems. OSHA safety training and certification will be included. Hands-on experience in building and programming a variety of mechatronics projects that simulate real-life industrial automated systems will be provided in laboratory activities.

**Merced Campus**

9007 MTWTh 08:00a-11:20a Hamilton, A IT-3 Comments: Section 9007 is held from 02/24/20 to 05/07/20. This is a learning community and requires registering in, ELCT-56-9007, ELCT-53A-9005, INDT-35-9006, AND INDT-419-9001.

9283 MTWTh 08:00a-11:20a Hamilton, A IT-3 Comments: Section 9283 is held from 02/24/20 to 05/07/20.

**Emergency Medical Care (EMER)**

**EMER-50A Emergency Medical Technician 1, Module A**

2.5 units: 40.5 hours lec, 13.5 hours lab.
This is the first of two modules designed to teach basic emergency medical procedures and responsibilities, including stabilization of the sick and injured for transportation to medical facilities, care during transport, communication with base-hospital personnel, and transfer of the injured to the base-hospital emergency room. This course meets the requirements of Title 22, Division of California Administrative Code. Students successfully completing EMER-50A and EMER-50B are eligible to take the EMT 1 certifying exam from the National Registry of Emergency Medical Technicians.

**Merced Campus**

9066 TTh 05:30p-08:20p McCall, T TCC-5
TTh 08:30p-09:20p McCall, T TCC-5 Comments: Section 9066 is held 01/14/20 to 02/27/20. MAN-DATORY REQUIREMENT: This course is not available for registration on line. A voucher is required to register and will be issued by the Public Safety Secretary, located in Public Safety Complex building 3, when proof of course requirements are presented in person. Limited enrollment. If you have any questions please call (209)384-6058.

**EMER-50B Emergency Medical Technician 1, Module B**

4.5 units: 67.5 hours lec, 40.5 hours lab.
Prerequisite: Take EMER-50A. Minimum grade C,P;
This is the second of two modules designed to teach basic emergency medical procedures and responsibilities, including stabilization of the sick and injured for transportation to medical facilities, care during transport, communication with base-hospital personnel, and transfer of the injured to the base-hospital emergency room. 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 Campus**

9063 TTh 09:30a-12:00p Donnelly, B TCC-5
TTh 01:00p-02:50p Donnelly, B TCC-5 Comments: Section 9063 is held 01/14/20 to 02/19/20. Section
9063 includes a 60 minute lunch. 18 hours by arrangement to be held on two Saturdays. **MANDATORY REQUIREMENT:** This course is not available for registration on line. A voucher is required to register and will be issued by the Public Safety Secretary, located in Public Safety Complex building 3, when proof of course requirements are presented in person. Limited enrollment. If you have any questions please call (209)384-6058.

**Eng-815 Intermediate ESL Skills**

MERCED COLLEGE  
209.384.6000

**ENG-122 College Prep English 2: Writing**

- **Time:** TTh 05:30p-08:20p  
- **Location:** McCall, T  
- **Credit:** 0.0 units.

Course duration: 45-63 hours; open entry format. This course will introduce students to writing at four levels below transfer. Upon entry, students should be able to identify sight words and sound out unfamiliar words. Students will learn skills in order to increase vocabulary, write complete sentences with grammatical accuracy, and to write critically about texts at four levels below transfer.

**Los Banos Campus**

- **Course Code:** 5034  
- **Days:** MW  
- **Time:** 09:00a-10:45a  
- **Instructor:** McNally, P

**ENG-801 ESL (English As A Second Language)- Beginning ESL Skills**

- **Time:** TTh  
- **Location:** McCall, T

**Merced Off-Campus**

- **Course Code:** 5096  
- **Days:** MTWTh  
- **Time:** 09:00a-11:30a  
- **Location:** Murillo, O  
- **Credit:** 0.0 units.

**ENG-802 ESL (English As a Second Language)- Advanced-Beginning ESL Skills**

- **Time:** MTWTh  
- **Location:** McCall, T

**Merced Off-Campus**

- **Course Code:** 5096  
- **Days:** MTWTh  
- **Time:** 09:00a-11:30a  
- **Location:** Murillo, O

**ENG-813 ESL (English as a Second Language)- Low-Intermediate Esl Skills**

- **Time:** MTWTh  
- **Location:** McCall, T

**Merced Off-Campus**

- **Course Code:** 5097  
- **Days:** MTWTh  
- **Time:** 09:00a-11:30a  
- **Location:** Murillo, O

**Eng-815 Intermediate ESL Skills**

- **Time:** MTWTh  
- **Location:** McCall, T

**Merced Off-Campus**

- **Course Code:** 5097  
- **Days:** MTWTh  
- **Time:** 09:00a-11:30a  
- **Location:** Murillo, O

**ENG-821 Foundations in Academic Literacy II**

- **Time:** TTh 06:00p-08:60p  
- **Location:** OFML-AHS  
- **Credit:** 0.0 units.

This course is designed for students whose primary language is not English. At a low-advanced ESL level, this course focuses on effective critical reading and thinking skills, research strategies and academic composition with proper documentation. Students write a range of increasingly complex short essays informed by assigned readings, discussion, and/or research using a variety of source material including non-fiction.

**Merced Campus**

- **Course Code:** 5111  
- **Days:** TTh  
- **Time:** 01:00p-03:15p  
- **Location:** Lankford, T

**ENG-822 Foundations in Academic Literature I**

- **Time:** TTh 06:00p-08:60p  
- **Location:** OFML-AHS  
- **Credit:** 0.0 units.

This course is intended for ESL students. This course focuses on effective critical reading and thinking skills, research strategies, scholarly composition with proper documentation, and advanced editing skills. Students compose a range of academic writing informed by assigned readings, discussion, and/or research using primarily non-fiction source material.

**Merced Campus**

- **Course Code:** 5112  
- **Days:** TTh  
- **Time:** 10:30a-12:45p  
- **Location:** Lankford, T

**English (ENGL)**

**ENGL-01A College Composition & Reading**

- **Time:** MW  
- **Credit:** 3.0 units:

Prerequisite: Previously taken ENGL-85AC or equivalent and passed with a minimum grade of C --- OR --- Placed directly into ENGL-01A --- OR --- be concurrently enrolled in ENGL-95S. 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.

All sections listed below require a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

Enrolling in an English course will automatically enroll you in an English laboratory (EDU-112A). This laboratory is a non-credit course; therefore, there are no fees for this course, and attendance is optional.

**Merced Campus**

- **Course Code:** 9090  
- **Days:** S  
- **Time:** 08:00a-11:50a  
- **Instructor:** Koepnick, S

**ENGL-01B Introduction to Literature**

- **Time:** MW  
- **Credit:** 3.0 units:

Prerequisite: Take ENGL-01A Minimum grade C,P .This course introduces representative works from four major genres: short story, novel, drama, and poetry. Students develop analytical and evaluative reading and writing skills while acquiring an appreciation for the cultural context and the aesthetic qualities of literature. Students read texts from various countries and periods in order to encourage an appreciation of literature’s range, artistry, and insight into the human experience.

**Merced Campus**

- **Course Code:** 9076  
- **Days:** MW  
- **Time:** 10:00a-11:50a  
- **Instructor:** Barba, M

Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
ENGL-13 Critical Reasoning & Writing
3.0 units: 54.0 hours lec, .
Prerequisite: Take ENGL-01A. Minimum grade C.P.
This course offers instruction in argumentative and critical writing, critical thinking, research strategies, information literacy, and proper documentation. Readings feature mostly non-fictional essays and books that reflect diverse cultural and gender perspectives on a variety of contemporary political and social issues, especially those involving race, ethnicity, and gender. ENGL-13/PHIL-13 meets the IGETC critical thinking/composition requirement.
All sections listed below require a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.
Enrolling in an English course will automatically enroll you in an English laboratory (EDU-112A). This laboratory is a non-credit course; therefore, there are no fees for this course, and attendance is optional.

Merced Campus
9077 MWF 10:00a-11:50a Barba, M IAC-123
Comments: Section 9077 is held from 03/16/20 to 05/25/19. Section 9077 is part of a PUENTE Learning Community with ENGL-01B-9076 and GUID-45-1790.

9091 S 09:00a-11:50a Koepnick, S IAC-127
Comments: Section 9091 is held from 03/16/20 to 05/22/20.

FIRE Technology (FIRE)
FIRE-63A Basic Firefighter I, Academy A
8.0 units: 126.0 hours lec, 54.0 hours lab.
Prerequisite: Take FIRE-30; Minimum grade C.P.
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. The course also provides training in ropes, knots, hitches, hoes, nozzles, appliances, ground ladders, forcible entry, and confined space rescue. Students must supply instructor-approved personal protective equipment (required instructional material).

Merced Campus
9140 MWF 06:00p-09:50p Donnelly, B TCC-5
SSu 08:00a-11:50a Donnelly, B TCC-5
SSu 01:00p-04:50p Donnelly, B TCC-5
Comments: Section 9140 is held 01/13/20 to 03/13/20. Section 9140 requires 180 hours by arrangement and will meet on Saturdays and Sundays; 08:00a-04:50p to include a 30 minute lunch break; dates to be announced. During this course, there are modules offered that qualify for certain state and federal certifications. If the student passes the module, he/she may have the option to pay the state or federal costs of these certificates; approximate combined cost $60. Uniform required. Instructor signature required.

FIRE-63B Basic Firefighter I, Academy B
8.0 units: 126.0 hours lec, 54.0 hours lab.
Prerequisite: Take FIRE-63A Minimum grade C.P.
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.

Merced Campus
9141 MWF 06:00p-09:50p Donnelly, B TCC-5
SSu 08:00a-11:50a Donnelly, B TCC-5
SSu 01:00p-04:50p Donnelly, B TCC-5
Comments: Section 9141 is held 03/14/20 to 05/20/20. Section 9141 requires 180 hours by arrangement and will meet on Saturdays and Sundays; 08:00a-04:50p to include a 30 minute lunch break; dates to be announced. During this course, there are modules offered that qualify for certain state and federal certifications. If the student passes the module, he/she may have the option to pay the state or federal costs of these certificates; approximate combined cost $60. Uniform required. Instructor signature required.

Guidance (GUID)
GUID-30 Foundations and Strategies For College Success
3.0 units: 3.0 hours lec, .
This comprehensive course integrates the cultivation of skills, values, and attitudes indicative of confident, capable students/individuals with problem solving and critical/creative thinking. The course focuses on the following topics: life management, goal setting, career decision making, educational planning, college expectations and opportunities, instructor-student relationships, cultural diversity, lifestyle choices affecting health maintenance, stress management, campus resources, learning styles and strategies, and study skills. This course is recommended for all new students.

Online
2916 Online
2918 Online
2938 Online

GUID-48 Life & Career Planning
3.0 units: 3.0 hours lec, .
Advisory: ENGL-A. This is a structured sequential course in life and career planning. Experiences are provided that encompass education, occupation, and job trends. The total individual is explored; issues such as life roles, values, goals, life styles, preferences, coping skills, and personal barriers as they relate to decisions will be covered.

Online
2921 Online

GUID-54 Foundations and Strategies for Academic Recovery
3.0 units: 3.0 hours lec, .
This course is appropriate for students wishing to improve their academic standing. Each student will identify his/her educational goal and develop an appropriate plan for achieving that goal. Academic policies will be addressed and strategies to get off and stay off probation, such as, informed decision-making, problem solving, classroom behavior, and behavior modification will also be studied. This course is recommended for all students on academic and/or progress probation.

Online
2916 Online
2918 Online
2938 Online

History (HIST)
HIST-17A US History/US Constitution
3.0 units: 3.0 hours lec, .
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. Course will emphasize the development of critical and historical thinking skills.

Online
2004 Arnold, T Online
Comments: Section 2004 is a 9 week online class meeting from 1/13/20 through 3/13/20. CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.
HIST-17B US History & California State & Local Government
3.0 units: 3.0 hourslec. 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. The course covers the social, political, economic, and constitutional development of the nation.

Online
2007
Arnold, T  Online
Comments: Section 2007 is a 9 week online class meeting from 3/16/20 through 5/22/20. CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

Health (HLTH)

HLTH-10 Contemporary Health
3.0 units: 3.0 hourslec. Advisory: ENGL-A. This course surveys the human condition from birth to death. Emphasis is placed on the impact of personal choice throughout life. Mental health, stress, alcohol, drugs, tobacco, disease processes, nutrition, fitness, sexuality, aging, environmental issues, and other related topics are studied and examined. The student is challenged to assume responsibility for his or her own health, well being, and lifestyle.

Merced Campus
9145  MWF  01:00p-02:50p  Severo, S AHC-123
Comments: Section 9145 is held from 03/16/20 to 05/22/20.

History - Noncredit (HST)

HST-900 American Citizenship
0.0 units: . This course is best suited for non-U.S. citizens. It will provide non-U.S. citizens with a study of the federal and state system of government and the U.S. Constitution, preparing them for the naturalization citizenship interview with United States Citizenship and Immigration Services (USCIS). The course will include civil rights, voting, historical development of the U.S., types of government, the electoral process, political parties, the executive, legislative, and judicial branches of government, and the relationship between the state and federal systems of government. The student can practice reading, writing, speaking, listening, and pronunciation in English.

Los Banos Campus
5046  TTh  05:45p-8:00p McNally, T

Merced Off-Campus
5033  TWHh  11:00a-12:00p Sanchez-Navarro, Z OFML-CHOW

Industrial Technology (INDT)

INDT-35 Electrical Wiring
3.0 units: 36.0 hourslec, 54.0 hours lab. This course covers basic residential and industrial theory. Topics include electrical theory, wiring in accordance with the latest version of the National Electrical Code, blueprint reading, layout of electrical circuits according to blueprints, switches, electrical connections, grounding and electrical safety, materials, appliance connections, industrial wiring and components, power poles and low voltage remote control devices. Students may petition, through the Office of Admissions and Records, to retake the course as the National Electrical Codes change.

Merced Campus
9006  MTWTh  08:00a-09:25a Hamilton, A IT-3

INDT-41 Industrial Power Transmission
3.0 units: 36.0 hourslec, 54.0 hours lab. 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 Campus
9001  MTWTh  12:20p-01:35p Nagano, J IT-3
MWTh  01:40p-03:45p Nagano, J IT-3
Comments: Section 9001 is held from 02/24/20 to 04/22/20.
This is a learning community and requires registering in IND T-41-9001, ELCT-56-9007, ELCT-53A-9005, INDT-35-9006, AND INDT-41-9001.

9288  MTWTh  08:00a-09:25a Hamilton, A IT-3
MTWTh  09:30a-11:50a Hamilton, A IT-3
Comments: Section 9288 is held from 01/13/20 to 02/22/20.

Kinesiology (KINE)

KINE-24A Beginning Swimming
1.0 units: 3.0 hours lab. 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 Campus
9128  MWF  09:00a-10:50a Halpin, W ATHL-POOL
Comments: Section 9128 is held from 03/16/20 to 05/22/20.

Mathematics Noncredit (MAT)

MAT-101 College Prep Math I: Operations of Whole Numbers
0.0 units: . 45-63 Total: Open Entry. This is an introductory course of the whole number system, including counting, notation, and the number line. Particular emphasis is placed on the basic computational skills, addition, subtraction, multiplication, and division.

Merced Campus
5062  MWF  11:00a-01:00p Bell, S

MAT-103 College Prep Math III: Operations on Fractions
0.0 units: . This course begins with a short review of the whole number system, exponent, and the order of operations. The course covers the meaning of fractions, and the four basic operations using them: addition, subtraction, multiplication, and division. Special emphasis will be placed on thought problems, including life skills. The course will conclude with an introduction to ratios, rates, and proportions.

Merced Campus
5064  MWF  11:00a-01:00p Bell, S

MAT-104 College Prep Math IV: Operations on Decimals
0.0 units: . This course begins with a short review of fractions. The course covers the meaning of decimals, and the four basic operations using them: addition, subtraction, multiplication and division. Special emphasis will be placed on thought problems, including life skills. The course will conclude with an introduction to unit conversions, and basic geometry.

Merced Campus
Mathematics (MATH)

MATH-02 Precalculus
4.0 units: 4.0 hours lec. 2.0 units: 18.0 hours lec, 54.0 hours lab.
Prerequisite: Previously taken MATH-25 and passed with a minimum grade C. OR Concurrently enrolled in MATH-95P. 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-25 Trigonometry
3.0 units: 54.0 hours lec.
Prerequisite: Take MATH-C or MATH-61; Minimum grade C, CR; 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.

Mechanized Agriculture (MECH)

MECH-08 Applied Mechanical Welding
3.0 units: 2.0 hours lec, 3.0 hours lab.
Prerequisite: Take MECH-30; Minimum grade C,P. This course presents the skills and knowledge required in the Mechanized Ag/Diesel Technology field. Skills covered include Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Oxyfuel Cutting and Brazing (OF & OFB), and metal fabrication. Skills will be fashioned around industry-accepted standards of performance.

MECH-23 Diesel Fuel Systems Diagnostics
2.0 units: 18.0 hours lec, 54.0 hours lab.
Advisories: ENGL-A. This course includes the study of common types of diesel fuel injection systems. Design and theory of operation of distributor type, multi-plunger inline type, and common rail diesel fuel injection systems will be covered. Testing and diagnostic procedures for various fuel systems is an important part of the course. Service and adjustments of injectors, nozzles, and governors will also be covered.
### MGMT-50A Challenges of Leadership: Difficult People/ Tough Conversations
0.5 units: 0.5 hours lec.
This course is designed to equip students with knowledge and skills to deal with the various challenges of leading people. Special emphasis will be placed on practical and proven tools to deal with difficult people and have tough conversations. The topic of accountability will be explored in regard to individual performance and organizational success. Participants will learn about progressive discipline and how to resolve performance problems. Pass/No Pass only.

#### Merced Off-Campus
9701
- **Th** 08:00a-12:15p Pistoresi, P
- BRC-122
- Comments: Section 9701 is held 03/05/20 and 03/12/20.

9702
- **Th** 01:00p-05:15p Pistoresi, P
- BRC-122
- Comments: Section 9702 is held 03/05/20 and 03/12/20.

9703
- **W** 01:00p-05:15p Morse, J
- BRC-122
- Comments: Section 9703 is held 03/11/20 and 03/18/20.

### MGMT-50B Values & Ethics
0.5 units: 0.5 hours lec.
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 Off-Campus
9722
- **Th** 08:00a-12:15p Zdanowski, M
- BRC-123
- Comments: Section 9722 is held 05/14/20 and 05/21/20.

9723
- **Th** 01:00p-05:15p Zdanowski, M
- BRC-123
- Comments: Section 9723 is held 05/14/20 and 05/21/20.

### MGMT-50C Time Management
0.5 units: 0.5 hours lec.
Advisories: ENGL-81, ENGL-84. This course is designed to provide students with certain key skills and attitudes in order to effectively meet the needs of customers. The participants will be introduced to the key elements of outstanding customer service. Topics will also include understanding and exceeding customer expectations, and how to deal with unrealistic expectations. The course addresses why customers leave, and the long-term value of customers. Pass/No Pass only.

#### Merced Off-Campus
9725
- **W** 08:00a-12:15p Roper, R
- OFML-ATW
- Comments: Section 9725 is held 02/05/20 and 02/12/20. Off Site Location: City of Atwater Community Center - 760 E Beliveau Rd., Atwater, CA 95301.

### MGMT-50D Communication in the Workplace
0.5 units: 0.5 hours lec.
This course is designed to introduce the student to key elements in communication within business organizations. Topics will include verbal and nonverbal communication, listening skills and specific workplace communication skills. Pass/No Pass only.

#### Merced Off-Campus
9705
- **Th** 08:00a-12:15p Pistoresi, P
- BRC-122
- Comments: Section 9705 is held 01/23/20 and 01/30/20.

9706
- **Th** 01:00p-05:15p Pistoresi, P
- BRC-122
- Comments: Section 9706 is held 01/23/20 and 01/30/20.

### MGMT-50F Team Building
0.5 units: 0.5 hours lec.
Advisories: ENGL-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. Students will learn to recognize various personalities and how their strengths and weaknesses impact a team. Students will be introduced to team building in the workplace. Pass/No Pass only.

#### Merced Off-Campus
9707
- **Th** 08:00a-12:15p Lacey, E
- BRC-122
- Comments: Section 9707 is held 03/19/20 and 03/26/20.

9708
- **Th** 01:00p-05:15p Lacey, E
- BRC-122
- Comments: Section 9708 is held 03/19/20 and 03/26/20.

### MGMT-50G Decision Making & Problem Solving
0.5 units: 0.5 hours lec.
Advisories: ENGL-81, ENGL-84. This course is designed to introduce the student to decision-making and problem-solving techniques. Pass/No Pass only.

#### Merced Off-Campus
9727
- **W** 08:00a-12:15p Roper, R
- OFML-ATW
- Comments: Section 9727 is held 04/01/20 and 04/08/20. Off Site Location: City of Atwater Community Center - 760 E Beliveau Rd., Atwater, CA 95301.

### MGMT-50H Customer Service
0.5 units: 0.5 hours lec.
This course is designed to provide the student with certain key skills and attitudes in order to effectively meet the needs of customers. The participants will be introduced to the key elements of outstanding customer service. Topics will also include understanding and exceeding customer expectations, and how to deal with unrealistic expectations. The course addresses why customers leave, and the long-term value of customers. Pass/No Pass only.

#### Merced Off-Campus
9709
- **Th** 08:00a-12:15p Lacey, E
- BRC-123
- Comments: Section 9709 is held 02/20/20 and 02/27/20.

9710
- **Th** 01:00p-05:15p Lacey, E
- BRC-123
- Comments: Section 9710 is held 02/20/20 and 02/27/20.

### MGMT-50I Attitude in the Workplace
0.5 units: 0.5 hours lec.
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. Students will be introduced to the concepts of how attitudes are communicated, and how to adjust one's attitude. Pass/No Pass only.

#### Merced Off-Campus
9149
- **T** 05:30p-08:20p Morse, J
- VOC-39
- Comments: Section 9149 is held 03/17/20 to 03/31/20.

### MGMT-50K Generational Diversity: Managing Cross Generational Teams
0.5 units: 0.5 hours lec.
America has multiple generations working side by side in the workplace. This course is designed to equip students with knowledge and skills to work with and lead cross-generational teams. Pass/No Pass only.

#### Merced Off-Campus
9711
- **Th** 08:00a-12:15p Lacey, E
- BRC-122
- Comments: Section 9711 is held 02/20/20 and 02/27/20.

9712
- **Th** 01:00p-05:15p Lacey, E
- BRC-122
- Comments: Section 9712 is held 02/20/20 and 02/27/20.
MGMT-55D Managing Organizational Change
0.5 units: 0.5 hours lec.
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. Topics will include understanding organizational change, stages of change, and how to manage organizational change. Pass/No Pass only.

Merced Campus
9050 TTh 12:30p-01:50p Pecchenino, M VOC-39
Comments: Section 9050 is held 01/13/19 to 02/21/19. Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

NUTR-43 Children and Weight Concerns
1.0 units: 1.0 hours lec.
This course is designed to provide an overview of the problem of childhood obesity. Students will explore reasons for the recent epidemic in our country and review the trends. Factors including pressure by the media and the connection to eating disorders will be studied. Students will look at the role of the family, school and community in addressing childhood obesity. This course is recommended for Foods and Nutrition and Child Development.

Merced Campus
9050 TTh 12:30p-01:50p Pecchenino, M VOC-39
Comments: Section 9050 is held 01/13/19 to 02/21/19. Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.
NUTR-44 Food Safety and Sanitation  
2.0 units: 2.0 hours lec.  
This beginning course is designed to teach basic food safety principles of personal and institutional sanitation. This includes the proper storage, preparation, and service as well as HACCP, food allergies, regulations and pest management. An emphasis is placed on the Supervisor's role in maintaining high standards for these principles. This course meets the California Retail Food Code requirement section numbers 113947.1 through 113947.8. This course is required by the Dietary Service Supervisor Program and is highly recommended to those interested in working in Food Service industry as well as application to lifelong learning.

Merced Campus  
9065
MW
12:00p-01:50p
Hobbs, J
VOC-141
Comments: Section 9065 is held 03/16/20 to 05/22/20. Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

NUTR-45 Introduction to Med Nutrition Therapy  
2.0 units: 36.0 hours lec.  
This course is designed to acquaint students with therapeutic and modified diets used in healthcare facilities. Topics include nutrition for disease states as well as normal nutrition needs. Students will become familiar with principles of nutrition intervention and client care. Students will be able to evaluate menus to meet the nutritional needs of patients. Cultural considerations and the management of long term care residents will be emphasized. This course is required for the student planning a career in food service supervision especially in health care institutions and recommended for nursing students. Advisory: ENGL-01A

Online  
2915
Pecchenino, M Online
Comments: Section 2915 is held 03/16/20 to 05/22/20. MANDATORY ORIENTATION: Fridays, March 20, 2020; 08:00a-09:15a; LRC-157. IN CLASS SESSIONS: Fridays, April 03; and May 08, 2020; 08:00a-09:15a; LRC-157 (Learning Resource Center; 1st floor).

NUTR-50 Baking Basics & Business  
1.5 units: 18.0 hours lec, 27.0 hours lab.  
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 Campus  
9183
MW
05:30p-06:30p
Womble, R
VOC-142
9183
MW
06:30p-07:45p
Womble, R
VOC-142
Comments: Section 9183 is held 03/16/20 to 05/22/20. Requires studentsto do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

PHIL-10 Critical Thinking  
3.0 units: 3.0 hours lec.  
Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-01A. Minimum grade C, P. 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. This includes the ability to recognize and avoid common fallacies in reasoning, and on constructing cogent arguments and essays.

Merced Campus  
9074
MW
07:00a-08:50a
Werness, G
IAC-146
Comments: Section 9074 is held from 01/14/19 to 03/15/19.
9075
MW
07:00a-08:50a
Werness, G
IAC-146

PHIL-13 Critical Reasoning & Writing  
3.0 units: 3.0 hours lec.  
Prerequisite: Take ENGL-01A Minimum grade C, P. This course offers instruction in argumentative and critical writing, critical thinking, research strategies, information literacy, and proper documentation. Readings feature mostly non-fictional essays and books that reflect diverse cultural and gender perspectives on a variety of contemporary political and social issues, especially those involving race, ethnicity, and gender. ENGL-13/PHIL-13 meets the IGETC critical thinking/composition requirement.

Merced Campus  
9080
MWF
10:00a-11:50a
Barba, M
IAC-123
Comments: Section 9080 is held from 03/16/20 to 05/22/19. Section 9080 is part of a PUENTE Learning Community with ENGL-01B-9076 and GUID-45-1790.
9092
S
09:00a-11:50a
Koepnick, S
IAC-127
Comments: Section 9092 is held from 03/16/20 to 05/22/20.

Psychology (PSYC)  

PSYC-01A Introduction to Psychology  
3.0 units: 54.0 hours lec.  
PSYC-01A is a survey course designed to provide an introduction to the facts and theories underlying human behavior. Special emphasis is given to the following topics: schools of psychology, physiological factors, sensation, perception, motivation, learning, thinking, emotion, abnormal behavior, personality, heredity, environment, and social factors.

Merced Campus  
9010
S
09:00a-12:20p
Patterson, A
IAC-146
Comments: Section 9010 is held on Saturdays from 1/18-5/16 except for 2/15, 4/11 and 4/18, which are non-instructional days.

PSYC-09 Human Development  
3.0 units: 3.0 hours lec.  
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  
2913
Clifford, J Online
Comments: Section 2913 is a 9 week online class meeting from 1/13/20 through 3/13/20. CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.
2904
Online
Comments: Section 2904 is a 12-week online class from 1/13/20 to 4/04/20. CONTACT: patton.marvin@mccd.edu for course-specific questions.

PSYC-36 Developmental Psychology: Adolescence  
3.0 units: 3.0 hours lec.  
This course is a study of human development during adolescence. The focus is on major theories and psychological research relating to the physical, cognitive, and psychological research relating to the physical, cognitive, and psychosocial aspects of development during adolescence, with an emphasis on the influence of culture.

Online  
2912
Clifford, J Online
Comments: Section 2912 is a 9 week online class meeting from 3/16/20 through 5/22/20. CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.

Registered Nurse (REGN)  

REGN-01 Transition LVN to RN  
2.0 units: 18.0 hours lec, 54.0 hours lab.  
Prerequisite: Take BIOL-16, BIOL-18, BIOL-20; ENGL-01A; MATH-C. Minimum Grade C,P. Registered Nursing 01 is a series of lectures and
discussions that provides the concepts and principles necessary to facilitate the transition of the Licensed Vocational Nurse to the changing role of the Registered Nurse. Incorporates best practices, professional standards, and legal and ethical responsibilities of the professional nurse as applied in various health care settings. Emphasis will be placed upon the registered nurse as a decision-making member of the health care team and the responsibilities to be assumed by such a practitioner.

**Merced Campus**

9008  WTh 01:00p-01:50p Cazares, K  AHC-140
9008  WTh 02:00p-04:50p Cazares, K  AHC-140
Comments: Section 9008 is held from 03/18/20 to 5/21/20.

**REGN-02 Clinical Skills Transition Lvn to Rn**

1.0 units: 3.0 hours lab.
Prerequisite: Take Regn-01; Minimum Grade C.P,Registered Nursing 02 consists of practice in the clinical setting with the skills and principles necessary to facilitate the transition of the Licensed Vocational Nurse to the changing role of the Registered Nurse. Emphasis is placed on nursing skills related to first year RN nursing concepts in clinical practice.

**Merced Off-Campus**

9048  -  Roe, L
Comments: Section 9048 is held from 03/18/20 to 5/21/20 and requires 54 hours by arrangement.

**Sewing - Noncredit (SEW)**

SEW-407 Needlecrafts & Sewing

0.0 units: No cost/access code please see your instructor.
This 36-54 hour course provides instruction in knitting, crocheting, stitching and sewing with an emphasis on: making needlecrafts easier, learning the basic techniques in each of the areas, and learning how to select the right equipment, and the correct pattern for each level of expertise.

**Merced Campus**

5500  T 05:00p-07:00p Acheson, D  VOC-39

**Skills - Noncredit (SKLS)**

SKLS-210 Daily Living Skills

0.0 units: No cost/access code please see your instructor.
This 435-455 hour course is designed primarily for mentally and or physically disabled students who are functioning at very low levels. The course teaches the basic living skills necessary for successful social interaction, self-care, and to help enhance self-esteem.

**Merced Off-Campus**

5201  MTWThF 08:45a-02:15p Ochoa, G  OFML-KINGS
5203  MTWThF 08:45a-02:15p Coleman, K  OFML-KINGS
5205  MTWTh 09:15a-02:15p Yang, C  OFML-KINGS

**Sociology (SOC)**

SOC-01 Introduction to Sociology

3.0 units: 3.0 hours lec.
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. The course begins with the understanding of the differences between personal troubles and public issues, and how sociologist apply various theoretical perspectives to a wide range of issues, such as: culture; socialization; social structure of society; deviance; issues of feminization; family; gender; race; inequality; economics; politics and population; and the relationship between the individual and society. The course accents international comparisons to show how similar institutions are structures and function differently in different societies around the world.

**Merced Campus**

9895  S 01:00p-04:20p Shaw, M  VOC-143
Comments: Section 9895 is held on Saturdays from 1/18-5/16 except for 2/15, 4/11 and 4/18, which are non-instructional days.

**VIRT-51 Social Media**

3.0 units: 3.0 hours lec.
The student will learn how to use social media platforms effectively for a business setting.

**Merced Campus**

9089  MTWTh 09:00a-11:25a Pirtle, T  VOC-115
Comments: Section 9089 is held 02/24/20 to 03/26/20. This is a Learning Community with AOM-30-9082, AOM-43-9083, AOM-50B-9084, AOM-50C-9086, AOM-52C-9087, AOM-56-9088, AOM-58A-9157, and VIRT-51-9089. Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

**VIRT-55 Social Media Marketing and Strategy**

3.0 units: 54.0 hours lec.
This course prepares the student for the role of a social Media Strategist and for the National Institute for Social Media Strategist certification examination.

**Online**

2929  Pirtle, T Online
Comments: Section 2929 is held 03/30/20 to 05/15/20. CONTACT: toni.pirtle@mccd.edu. ORIENTATION: MANDATORY: - Tuesday, March 31, 2020; 05:30p-06:20p; VOC-114. COMMENTS: 6 hours lecture per week will be held online.
Vocational Nusing (VOCN)

VOCN-46A Applied Mathematics for Pharmacology
1.0 units: 1.0 hours lec.
Prerequisite: Take ENGL-01A; Take MATH-A or MATH-81; Minimum grade C,P; This is an introductory pharmacology course which includes an introduction to the professional context of drug administration, and study of the metric, apothecary, and household systems of measurement. Nursing responsibility to patient safety is included. Completion of this course requires accurate interpretation of doctors order, reading medication bottles, calculating drug dosages, and the reason for their application.

Merced Campus
9101 M 10:30a-12:45p Cazares, K AHC-130
Comments: Section 9101 is held from 01/13/20 to 03/09/20.
9106 F 12:00p-02:05p Roe, L AHC-130
Comments: Section 9106 is held from 01/17/20 to 3/13/20.

Welding Technology (WELD)

WELD-06 Fundamentals of Oxy-Fuel Welding & Shielded Metal Arc Welding
3.0 units: 36.0 hours lec, 54.0 hours lab.
Advisories: AUTO-04; ENGL-A; MATH-80. This course is designed to provide the technical knowledge and experience required for aligning and servicing suspension systems on modern automobiles. Laboratory exercises will provide the student an opportunity to develop entry-level skills in the use of machines and equipment commonly used in wheel alignment, tire service, and front-end repairs.

Merced Campus
9153 F 08:00a-10:20a Russell, C PS-2
S 08:00a-11:35a Russell, C IT-6
Comments: Section 9153 is held from 03/20/20 to 05/22/20.
Web component which will require you to have internet access.
9164 MTWTh 08:00a-11:00a Scroggins, B PS-2
MTWTh 11:15a-03:30p Scroggins, B IT-6
Comments: Section 9164 is held from 02/24/20 to 03/12/20.
This is a learning community and requires registering in WELD-06-9164, WELD-07-9011, WELD-40A-9012, WELD-40B-9013, WELD-46-9014, and DRFT-59-9119. Web component which will require you to have internet access.
9165 MTWTh 08:00a-11:00a Scroggins, B PS-2
MTWTh 11:15a-03:30p Scroggins, B IT-6
Comments: Section 9165 is held from 02/24/20 to 03/12/20.
Web Component which will require you to have internet access.

Los Banos Off-Campus
9920 MTWTh 08:00a-10:50a OFLL-HBPG
MTWTh 12:00p-04:15p OFLL-HBPG
Section 9920 is held from 02/24/20 to 03/12/20.
Section 9920 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.
This is a Learning Community course which requires registration in: DRFT-44-9916, WELD-07-9011, WELD-40A-9012, WELD-40B-9013, WELD-46-9014, and DRFT-59-9119. Web Component which will require you to have internet access.
9936 MTWTh 08:00a-10:50a Xiong, F OFLL-HBPG
MTWTh 12:00p-04:15p Xiong, F OFLL-HBPG
Comments: Section 9936 is held from 02/24/20 to 03/12/20.
Section 9936 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.

WELD-07 Fundamentals of TIG & MIG Welding
3.0 units: 36.0 hours lec, 54.0 hours lab.
This course emphasizes the development of minimum skill standards in welding. The Gas Metal Arc Welding (GMAW)/(MIG), Gas Tungsten Arc Welding (GTAW)/(TIG) and Plasma Arc Cutting (PAC) processes are studied as prescribed in the American Welding Society (AWS) Training Qualification (QC 10) entry level standards.

Merced Campus
9011 MTWTh 08:00a-09:25a Russell, C PS-2
MTWTh 09:40a-12:00p Russell, C IT-6

Los Banos Off-Campus
9918 MTWTh 01:00p-02:15p Xiong, F OFLL-HBPG
MTWTh 02:00p-04:35p Xiong, F OFLL-HBPG
Section 9918 is held from 01/13/20 to 02/20/20.
Section 9918 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.
This is a Learning Community course which requires registration in: DRFT-44-9916, WELD-07-9011, WELD-06-9920, WELD-40A-9922, WELD-40B-9924, WELD-46-9926, and WELD-53-4798.
9932 MTWTh 01:00p-02:15p Xiong, F OFLL-HBPG
MTWTh 02:30p-04:35p Xiong, F OFLL-HBPG
Comments: Section 9932 is held from 01/13/20 to 02/20/20.

WELD-40A Intro Welding Design & Construction
3.0 units: 36.0 hours lec, 54.0 hours lab.
Prerequisite: Take Weld-07. Minimum Grade C,P; This course covers basic metal fabrication skills as well as the design and construction of special industrial and agricultural equipment.

Merced Campus
9012 MTWTh 08:00a-11:00a Scroggins, B PS-2
MTWTh 11:15a-03:30p Scroggins, B IT-6
Comments: Section 9012 is held from 03/16/20 to 04/02/20.
Section 9012 includes a 1 hour lunch break. This is a learning community and requires registering in WELD-06-9164, WELD-07-9011, WELD-40A-9012, WELD-40B-9013, WELD-46-9014, and DRFT-59-9119. Web Component which will require you to have internet access.
9296 MTWTh 08:00a-11:00a Scroggins, B PS-2
MTWTh 11:15a-03:30p Scroggins, B IT-6
Comments: Section 9296 is held from 03/16/20 to 04/02/20.
Section 9296 includes a 1 hour lunch break. Web component which will require you to have internet access.

Los Banos Off-Campus
9922 MTWTh 08:00a-10:50a Xiong, F OFLL-HBPG
MTWTh 12:00p-04:15p Xiong, F OFLL-HBPG
Section 9922 is held from 03/16/20 to 04/02/20.
Section 9922 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.
This is a Learning Community course which requires registration in: DRFT-44-9916, WELD-07-9011, WELD-40A-9012, WELD-40B-9013, WELD-46-9014, and DRFT-59-9119. Web Component which will require you to have internet access.
9388 MTWTh 08:00a-10:50a Xiong, F OFLL-HBPG
MTWTh 12:00p-04:15p Xiong, F OFLL-HBPG
Comments: Section 9938 is held from 03/16/20 to 04/02/20.
Section 9938 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.
9498 TTh 05:00p-06:50p Xiong, F OFLL-HBPG
TTh 07:00p-09:50p Xiong, F OFLL-HBPG
Comments: Section 9948 is held from 01/13/20 to 03/12/20.
Section 9948 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.

WELD-40B Adv Welding Design & Construction
3.0 units: 36.0 hours lec, 54.0 hours lab.
Prerequisite: Take WELD-40A; Minimum grade C,P; This course is a continuation of WELD 40A. It covers basic and advanced metal fabrication skills as well as the design and construction of special agricultural and industrial equipment.
### Merced Campus

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>9013</td>
<td>MTWTh</td>
<td>08:00a-11:00a</td>
<td>Russell, C</td>
<td>OFLL-HBPG</td>
</tr>
<tr>
<td></td>
<td>MTWTh</td>
<td>11:15a-03:30p</td>
<td>Russell, C</td>
<td>IT-6</td>
</tr>
<tr>
<td>Comments:</td>
<td></td>
<td></td>
<td></td>
<td>Section 9013 is held from 04/06/20 to 04/30/20. Section 9013 includes a 1 hour lunch break. This is a learning community and requires registering in WELD-06-9164, WELD-07-9011, WELD-40A-9012, WELD-40B-9013, WELD-46-9014, and DRFT-59-9119.</td>
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<tr>
<td>9256</td>
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<td>Section 9318 is held from 04/06/20 to 04/30/20. Section 9318 includes a 1 hour lunch break.</td>
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### Los Banos Off-Campus

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<td>OFLL-HBPG</td>
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<tr>
<td>MTWTh</td>
<td>10:30a-02:45p</td>
<td>Xiong, F</td>
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<td>Section 9924 is held from 04/06/20 to 05/07/20.</td>
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<tr>
<td>Section 9940 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.</td>
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<td>This is a Learning Community course which requires registration in: DRFT-44-9916, WELD-07-9918, WELD-06-9920, WELD-40A-9922, WELD-40B-9924, WELD-46-9926, and WELD-53-4798.</td>
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<td>9940</td>
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<td>Xiong, F</td>
<td>OFLL-HBPG</td>
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<td>MTWTh</td>
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<td>Xiong, F</td>
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<td>Section 9940 is held from 04/06/20 to 05/07/20.</td>
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<td>9952</td>
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<td>Xiong, F</td>
<td>OFLL-HBPG</td>
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<td>TTh</td>
<td>07:00p-09:50p</td>
<td>Xiong, F</td>
<td>OFLL-HBPG</td>
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<td>Comments:</td>
<td></td>
<td></td>
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<td>Section 9952 is held from 03/16/20 to 05/21/20. Section 9952 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.</td>
</tr>
</tbody>
</table>

### WELD-46 Advanced Arc Welding Procedure

1.0 units: 3.0 hours lab.

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. Included will be welding assembly print interpretation, weld symbol interpretation, and weld joint preparation. Students will be prepared to take an AWS Welder Certification Test during this course.

### Merced Campus

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>9014</td>
<td>MTWTh</td>
<td>08:00a-02:30p</td>
<td>Scroggins, B</td>
<td>IT-6</td>
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<td>Comments:</td>
<td></td>
<td></td>
<td></td>
<td>Section 9014 is held from 05/04/20 to 05/14/20. Section 9014 includes a 1 hour lunch break. This is a learning community and requires registering in WELD-06-9164, WELD-07-9011, WELD-40A-9012, WELD-40B-9013, WELD-46-9014, and DRFT-59-9119. Web Component which will require you to have internet access.</td>
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<td>9607</td>
<td>TTh</td>
<td>05:10p-08:00p</td>
<td>Scroggins, B</td>
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<td>Section 9607 is held from 03/16/20 to 05/21/20. Web Component which will require you to have internet access.</td>
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### Los Banos Off-Campus

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<tr>
<td>9926</td>
<td>MTWTh</td>
<td>08:00a-03:25p</td>
<td>Xiong, F</td>
<td>OFLL-HBPG</td>
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<td>Section 9926 is held from 05/11/20 to 05/21/20. Section 9926 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.</td>
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<tr>
<td>9942</td>
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<td>Xiong, F</td>
<td>OFLL-HBPG</td>
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<td>Section 9942 is held from 05/11/20 to 05/21/20. Section 9942 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.</td>
</tr>
</tbody>
</table>
Honors Classes

History (HIST)
HIST-17BH Honors US History/Local Government
3.0 units: 3.0 hours lec, .
This course examines our national, state, and local history and government from the late 19th century to the present. There will be an emphasis on academic rigor, analytical research, writing, critical thinking, and collaborative learning.

Merced Campus
1962 TTh 11:00a-12:15p Lorenz, M IAC-145

Honors (HNRS)
HNRS-40D Honors Seminar: the Philosophy of Sex and Love
2.0 units: 2.0 hours lec, .
This course will focus on the in-depth discussion and analysis of a topic of interest to honors program students. Students may repeat the class four times.

Merced Campus
1426 T 02:00p-03:50p Hallman, M ART-7

Humanities (HUM)
HUM-02H Honors Studies in Humanities: Renaissance to Present
3.0 units: 3.0 hours lec, .
Prerequisite: TENGL-85AC or ENGL-85E. Minimum grade C, P.
The principal aim of this course is to examine human existence and cultural endeavors from the Renaissance to the present. Students will examine developments in the fine arts, literature, philosophy, religion, and the sciences from a variety of cultures, both Western and non-Western. There will be an emphasis on collaborative learning, research, and writing.

Merced Campus
1459 TTh 02:00p-03:15p Barnes, L IAC-109

Mathematics (MATH)
MATH-02H Honors Precalculus
4.0 units: 4.0 hours lec, .
Prerequisite: Take MATH-25, Minimum grade C,P;
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. There will be an emphasis in the use of available technology, mathematical writing, and collaborative learning.

Merced Campus
1452 TTh 10:00a-11:50a Meidinger, M SCI-204
Comments: Section 1452 requires online assignments. Additional fees apply. For specific text/access code please see your instructor. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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</thead>
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<tr>
<td>ACTG-04B</td>
<td>TTh</td>
<td>10:00a-11:50p</td>
<td>Snipes, R</td>
<td>LB-B-110</td>
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<tr>
<td>ACTG-52: Payroll Records and Accounting</td>
<td>3.0 units 4.0 hours lec.</td>
<td>12:00p-01:15p</td>
<td>Snipes, R</td>
<td>LB-B-110</td>
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<tr>
<td>ALLH-63 Nurse Assistant</td>
<td>6.0 units 3.5 hours lec, 7.5 hours lab.</td>
<td>T</td>
<td>05:00p-08:15p</td>
<td>Lima, B</td>
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<tr>
<td>ALLH-63 Nurse Assistant</td>
<td>6.0 units 3.5 hours lec, 7.5 hours lab.</td>
<td>S</td>
<td>06:30a-04:20p</td>
<td>Lima, B</td>
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<tr>
<td>ALLH-67 Medical Terminology</td>
<td>3.0 units: 54.0 hours lec.</td>
<td>W</td>
<td>07:00p-09:50p</td>
<td>Fraggoso, G</td>
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<tr>
<td>ART-02 Art History: Renaissance Through 20th Century</td>
<td>3.0 units: 3.0 hours lec.</td>
<td>TTh</td>
<td>10:30a-12:45p</td>
<td>Donovan, M</td>
</tr>
<tr>
<td>ART-24A Drawing I</td>
<td>3.0 units: 2.0 hours lec, 3.0 hours lab.</td>
<td>TTh</td>
<td>02:00p-04:15p</td>
<td>Donovan, M</td>
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<tr>
<td>ART-24B Intermediate Drawing</td>
<td>3.0 units: 2.0 hours lec, 3.0 hours lab.</td>
<td>TTh</td>
<td>02:00p-04:15p</td>
<td>Donovan, M</td>
</tr>
<tr>
<td>BIOL-01 General Biology for Non-Majors</td>
<td>4.0 units: 3.0 hours lec, 3.0 hours lab.</td>
<td>TTh</td>
<td>02:00p-04:15p</td>
<td>Donovan, M</td>
</tr>
</tbody>
</table>

Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
Los Banos Campus

4132 MWF 12:00p-12:50p Schroeder, K LB-B-106
M 01:00p-03:50p Schroeder, K LB-B-102
Comments: Section 4132 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

4134 MWF 12:00p-12:50p Schroeder, K LB-B-106 M 08:00a-10:50a Schroeder, K LB-B-102
Comments: Section 4134 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

BIOL-02 Human Biology

4.0 units: 3.0 hours lec, 3.0 hours lab. Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A. Minimum grade C,P; This course is an introduction to the principles of biology with an emphasis on humans. Topics covered include scientific method, cell structure and function, biochemistry, metabolism, cell division, heredity, biotechnology, evolution, anatomy and physiology of the human body, development and aging, disease, and ecology. This course is recommended for allied health students.

Los Banos Campus

8138 TTh 05:30p-06:45p Ward, W LB-B-106
T 07:00p-09:50p Ward, W LB-B-102
Comments: Section 8138 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

8140 TTh 05:30p-06:45p Ward, W LB-B-106
T 02:00p-04:50p Staff, M LB-B-102
Comments: Section 8140 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

BIOL-16 General Human Anatomy

4.0 units: 2.0 hours lec, 6.0 hours lab. Prerequisite: Complete BIOL-01 or BIOL-02 or BIOL-04A; and Complete ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A. Minimum grade C,P; 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.

Los Banos Campus

4144 TTh 12:30p-01:20p LB-B-106
TTh 09:00a-11:50a LB-B-104
Comments: Section 4144 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

4146 TTh 12:30p-01:20p LB-B-106
TTh 02:00p-04:50p LB-B-104
Comments: Section 4146 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

4148 WF 11:00a-11:50a Schroeder, K LB-B-102
WF 08:00a-10:50a Schroeder, K LB-B-102
Comments: Section 4148 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

BUS-18A Business Law

4.0 units: 4.0 hours lec. Prerequisite: Take BUS-10; and Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A; Minimum grade C,P; This course is a study of legal principles that govern the conduct of business. Included are surveys of the essential elements of legal history and jurisprudence; judicial, administrative, and alternative dispute resolution; ethics; business crime; taxes; contracts and the UCC; bankruptcy; agency relationships; property; administrative law; labor and employment law; international law. Introduction to legal research and brief-writing are also included.

Los Banos Campus

8177 MW 07:00p-08:50p Singh, R LB-B-107

Business - Noncredit (BUSN)

BUSN-752 Introduction to Microcomputers

0.0 units: .
Note: This course is not available to students having a grade of C or better in BIOL-04A or BIOL-04AH. This is an introductory-level course designed for non-majors. Areas stressed include the origin of life, structure and function of cells, basic processes of life, reproduction, ecology, microbiology, evolution, classification, genetics, and metabolic processes.

Los Banos Campus

5904 F 09:00a-11:00a Moreno, M LB-A-108
Chemistry (CHEM)
CHEM-02A Introductory Chemistry
4.0 units: 3.0 hours lec, 3.0 hours lab.
Prerequisite: Take MATH-C, MATH-61 or MATH-62; Minimum Grade C,P;
This is an introduction to the general principles of inorganic chemistry, atomic and molecular structure, states of matter, solutions, and radioactivity. The class is designed for students majoring in liberal studies; nursing or agriculture.

Los Banos Campus
4192 MWF 12:00p-12:50p Khurana, S LB-B-107
W 09:00a-11:50a Khurana, S LB-B-105
Comments: Section 4192 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

CHEM-04B General Chemistry II
5.0 units: 3.0 hours lec,
6.0 hours lab.Prerequisite: Take CHEM-04A. Minimum grade C,P;This is a continuation of the general principles of chemistry, with emphasis on kinetics, chemical equilibria, thermodynamics, electrochemistry, nuclear chemistry and transition metal complexes. An introduction to the principles of organic chemistry is included. The lab provides the student with experience in qualitative and quantitative analysis.

Los Banos Campus
4200 TTh 12:30p-01:45p Khurana, S LB-B-105
TTh 02:00p-04:50p Khurana, S LB-B-105
Comments: Section 4200 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

Chemistry (CHEM)
CHEM-02A Introductory Chemistry
4.0 units: 3.0 hours lec, 3.0 hours lab.
Prerequisite: Take MATH-C, MATH-61 or MATH-62; Minimum Grade C,P;
This is an introduction to the general principles of inorganic chemistry, atomic and molecular structure, states of matter, solutions, and radioactivity. The class is designed for students majoring in liberal studies; nursing or agriculture.

Los Banos Campus
4192 MWF 12:00p-12:50p Khurana, S LB-B-107
W 09:00a-11:50a Khurana, S LB-B-105
Comments: Section 4192 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

Child Development (CLDV)
CLDV-02 Child, Family and Community
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A; Minimum grade C,P;
An examination of the developing child in a societal context which focuses on the interrelationships of family, school, and community and emphasizes historical and socio-cultural factors. The processes of socialization and identity development will be highlighted.

Los Banos Campus
8226 T 05:30p-08:20p Oks, O LB-B-134
Comments: Section 8226 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

CLDV-06 Teaching in A Diverse Society
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-85A or ENGL-85AC or ENGL-85E; Minimum grade C,P;
This course examines societal and personal attitudes, beliefs, values, assumptions and biases about culture, language, identity, family structures, ability, and socioeconomic status. Students will demonstrate strategies for helping children negotiate and resolve conflicts with a focus on using an anti-bias approach in the classroom.

Los Banos Campus
8234 W 05:30p-08:20p Rocha, J LB-B-134
Comments: Section 8234 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

CLDV-09 Human Development
3.0 units: 3.0 hours lec.
Advisory: ENGL-A. 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.

Los Banos Campus
8240 W 07:00p-09:50p Lemons, S LB-A-103
Comments: Section 8240 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

CLDV-24 Work Experience in Child Development
1.0 units: .
This course enables students to earn college credit for learning or improving skills or knowledge on-the-job. Occupational Work Experience is discipline-specific and must connect to the student's major or occupational goal(s). Seventy-five (75) hours of documented paid work experience equals 1 unit of credit. Sixty (60) hours of documented volunteer experience equals 1 unit of credit. A student may enroll in up to 16 total units of work experience at Merced College. Students must have an established work site prior to enrolling in the course.

Los Banos Campus
3185 - Coahran, S
Comments: This course has a MANDATORY ORIENTATION.
Please see the Work Experience Webpage for orientation dates: http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html This 1-unit course is designed for students who will work 60 volunteer or 75 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

3186 - Cruthird, A
Comments: This course has a MANDATORY ORIENTATION.
Please see the Work Experience Webpage for orientation dates: http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html This 1-unit course is designed for students who will work 120 volunteer or 150 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

3187 - Cruthird, A
Comments: This course has a MANDATORY ORIENTATION.
Please see the Work Experience Webpage for orientation dates: http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html This 1-unit course is designed for students who will work 180 volunteer or 225 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

3188 - Cruthird, A
Comments: This course has a MANDATORY ORIENTATION.
Please see the Work Experience Webpage for orientation dates: http://www.mccd.edu/academics/english-liberalstudies/
Computer Science (CPSC)

CPSC-01 Introduction to Computer Information Systems
4.0 units: 3.0 hours lec, 3.0 hours lab.

An introduction to the basics of computing systems, impact of computers on our society, and the future of computing. Focus on using applications, algorithm design, programming basics, database management systems, networking, ethics and security, information systems, internet and web technologies, and computer systems hardware and software components. Application of these concepts and methods through hands-on projects developing computer-based solutions to problems.

Los Banos Campus

8252 MW 07:00p-09:50p LB-A-108
MW 07:00a-09:50p LB-A-108

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

Criminal Justice (CRIM)

CRIM-01 Criminology
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A. Minimum grade C, P;

This course is an analysis of the nature and patterning of criminality and theories of criminal behavior. Crime control policies are critically examined regarding linkages among 1) social conflicts and inequalities, 2) criminal laws and enforcement practices, and 3) social deviance.

Los Banos Campus
8272 MW 05:30p-06:45p Singh, R LB-B-107

CRIM-04 Criminal Law
3.0 units: 3.0 hours lec.
Prerequisite: Take CRIM-02 Minimum grade C,P.

OR
Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A. Minimum grade C, P;

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. Special emphasis is placed on the classification of crime, the elements of criminal law, the nature and structure of the criminal justice system, the role of the investigator in the law enforcement process, and the role of the trial lawyer in the judicial system.

Los Banos Campus
8274 T 07:00p-09:50p Singh, R LB-B-106

CRIM-08 Introduction to Investigation
3.0 units: 3.0 hours lec.
Prerequisite: Take CRIM-02; Minimum grade C,P;

This course is an analysis of the nature and patterning of criminality and theories of criminal behavior. Crime control policies are critically examined regarding linkages among 1) social conflicts and inequalities, 2) criminal laws and enforcement practices, and 3) social deviance.

Los Banos Campus
8276 T 05:30p-08:20p Hilliard, D LB-B-107

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

Economics (ECON)

ECON-02 Introduction to Macroeconomics
3.0 units: 3.0 hours lec.
Prerequisite: Complete each group: Group 1: ECON-01 or AGBS-11; Group 2: ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A. Group 3: MATH-81 MATH-88 MATH-62 MATH-61 or MATH-C; Minimum Grade C,P;

ECON-02 is an introductory course in macroeconomic theories including the determination of income, output, employment, and prices in the economy; the monetary system; governmental fiscal, monetary, and income policies; economic growth; international trade; and economic development.

Los Banos Campus
4312 TTh 09:30a-10:45a McNally, T LB-B-107

Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
Education - Noncredit (EDU)

EDU-112A Skills Acquisition for Student Success - General
0.0 units:
This course can be taken by enrolled credit students for a minimum of 180 and a maximum of 540 hours per term. The course provides a supervised learning experience for students who can benefit from individualized instruction in study skills and study habits in a laboratory setting. The study skills and study habits learned depend on the needs of the individual students and include communication/literacy skills, quantitative reasoning skills, critical thinking skills, educational computer applications, knowledge of college resources, and application of composition skills across the curriculum.

Los Banos Campus
5007 - Mingua-Lopstain, D

EDU-508 Mature Driver Improvement
0.0 units:
This course is designed primarily for drivers age 55 and older. Students receive classroom instruction on driving safety, road courtesy, improving driving performance, and safe driving techniques for emergencies. This course is 8 hours in duration.

Los Banos Campus
5637 F 08:30a-04:30p Lara, L

English (ENGL)

ENGL-01A College Composition & Reading
4.0 units: 72.0 hours lec.
Prerequisite: Previously taken ENGL-85AC or equivalent and passed with a minimum grade of C --- OR --- Place directly into ENGL-01A --- OR --- be concurrently enrolled in ENGL-95S
This course focuses on critical reading and thinking, research strategies, and scholarly composition with proper documentation at the college transfer level. Students will study expository, analytical, and argumentative essays informed by assigned readings, discussion, and/or research.

All sections listed below require a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

Enrolling in an English course will automatically enroll you in an English laboratory (EDU-112A). This laboratory is a non-credit course; therefore, there are no fees for this course, and attendance is optional.

Los Banos Campus
4354 MW 10:00a-11:50a Nelson, K LB-B-136
Comments: Section 4354 requires students to register for ENGL-95S-4384.
4356 MW 10:00a-11:50a Chavez, C LB-B-137
Comments: Section 4356 is a Learning Community with ENGL-95S-4382.
4362 TTh 02:00p-03:50p Staff LB-B-135
4364 TTh 08:00a-09:50a Nelson, K LB-B-136
4366 TTh 10:00a-11:50a Johnston, J LB-B-134
4368 TTh 10:00a-11:50a Mingua-Lopstain, D LB-B-137
4370 TTh 12:00p-01:50p Johnston, J LB-B-137
4372 TTh 02:00p-03:50p LB-B-137
4374 MW 02:00p-03:50p Nelson, K LB-B-136
Comments: Section 4374 requires students to register for ENGL-95S-4376.
4378 MW 12:00p-01:50p LB-B-137
4380 TTh 10:00a-11:50a Nelson, K LB-B-112
8354 MW 07:00p-08:50p Flanagan, J LB-B-135
8356 MW 05:30p-07:20p Johnston, J LB-B-137
Comments: Section 8356 requires students to register for ENGL-95S-8382.

ENGL-13 Critical Reasoning & Writing
3.0 units: 54.0 hours lec.
Prerequisite: Take ENGL-01A. Minimum grade C,P.
This course offers instruction in argumentative and critical writing, critical thinking, research strategies, information literacy, and proper documentation. Readings feature mostly non-fictional essays and books that reflect diverse cultural and gender perspectives on a variety of contemporary political and social issues, especially those involving race, ethnicity, and gender. ENGL-13/PHIL-13 meets the IGETC critical thinking/composition requirement.

All sections listed below require a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

Enrolling in an English course will automatically enroll you in an English laboratory (EDU-112A). This laboratory is a non-credit course; therefore, there are no fees for this course, and attendance is optional.

Los Banos Campus
4402 MW 02:00p-03:15p Kludt, K LB-B-135
4404 TTh 09:30a-10:45a Chavez, C LB-B-136
Comments: Section 4404 is a Learning Community course which requires registration in GUID-45-4484. Section 4404 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.
4406 TTh 12:30p-01:45p LB-A-103
4410 MWF 10:00a-10:50a LB-B-110
8400 MW 05:30p-06:45p Flanagan, J LB-B-135

ENGL-85AC Accelerated Foundations in Academic Literacy
5.0 units: 5.0 hours lec.
This is an intensive course that focuses on effective critical reading and thinking, research strategies, and scholarly composition with proper documentation at the pre-transfer level. Students compose a range of academic writing including expository, analytical, and argumentative essays informed by assigned readings, discussion, and/or research using primarily non-fiction source material.

All sections listed below require a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

Enrolling in an English course will automatically enroll you in an English laboratory (EDU-112A). This laboratory is a non-credit course; therefore, there are no fees for this course, and attendance is optional.

Los Banos Campus
4346 MWF 08:00a-09:25a Long, J LB-B-137

ENGL-95S Enhanced Academic Literacy
2.0 units: 2.0 hours lec.
Prerequisite: Concurrent enrollment in ENGL-01A
This course is designed to provide supplemental instruction and support for students enrolled in a linked section of English 01A. Students will further develop academic skills in reading, writing, and researching. In addition, they will learn to address strategies for academic success and be able to utilize computerized technology necessary for a composition course.

All sections listed below require a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

Enrolling in an English course will automatically enroll you in an English laboratory (EDU-112A). This laboratory is a non-credit course; therefore, there are no fees for this course, and attendance is optional.

Los Banos Campus
4376 F 02:00p-03:50p Nelson, K LB-B-136
Comments: Section 4376 requires students to register for ENGL-01A-4374.
4382 F 10:00a-11:50a Chavez, C LB-B-137

Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
ENG-122  College Prep English 2: Writing
0.0 units:  .
Course duration: 45-63 hours; open entry format. This course will introduce students to writing at four levels below transfer. Upon entry, students should be able to identify sight words and sound out unfamiliar words. Students will learn skills in order to increase vocabulary, write complete sentences with grammatical accuracy, and to write critically about texts at four levels below transfer.

Los Banos Campus
5034  MW  09:00a-10:45a McNally, P

ENG-801 ESL (English As A Second Language) Beginning ESL Skills
0.0 units:  .
Course duration: 204 - 255 hours; open entry format. This course is for preliterate and nonliterate ESL students who have no, or very few, English language skills. Emphasis of the course is on aural/oral skills and visual reinforcement.

Los Banos Campus
5022  MTWThF  09:00a-12:00p Allen, R

ENG-802 ESL (English As a Second Language)-Advanced-Beginning ESL Skills
0.0 units:  .
This course is for preliterate and nonliterate ESL students who have minimal English language skills. Emphasis in this course is on aural and oral skills with visual reinforcement. The student will be introduced to reading, writing and math skills. Course duration is 204 - 255 hours.

Los Banos Campus
5023  MTWThF  09:00a-12:00p Allen, R

ENG-813 ESL (English as a Second Language)-Low-Intermediate ESL Skills
0.0 units:  .
This course is designed for low-intermediate level students who need more practice with English skills. This course includes practice in listening, speaking, reading, and writing. Course duration is 204 - 255 hours.

Los Banos Campus
5024  MTWThF  09:00a-12:00p Nelson, B

ENG-815 Intermediate ESL Skills
0.0 units:  .
Course duration is 204 - 255 hours. This course is for intermediate level students who have learned basic survival skills, but who need instruction that will lead to a relatively sophisticated level of discourse of issues and ideas that reach beyond basic survival. This course will prepare students to take credit courses at Merced College. This course includes practice in listening, speaking, reading, and writing.

Los Banos Campus
5025  MTWThF  09:00a-12:00p Nelson, B

Guidance (GUID)
GUID-30 Foundations and Strategies For College Success
3.0 units:  3.0 hours lec.
This comprehensive course integrates the cultivation of skills, values, and attitudes indicative of confident, capable students/individuals with problem solving and critical/creative thinking. The course focuses on the following topics: life management, goal setting, career decision making, educational planning, college expectations and opportunities, instructor-student relationships, cultural diversity, lifestyle choices affecting health maintenance, stress management, campus resources, learning styles and strategies, and study skills. This course is recommended for all new students.

Los Banos Campus
4476  MWF  09:00a-09:50a  LB-B-134
Comments: Section 4476 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

4478  TTh  11:00a-12:15p  Staff  LB-B-135
Comments: Section 4478 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

4480  F  09:00a-11:50a Rodriguez, L  LB-B-101
Comments: Section 4480 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

GUID-54 Foundations and Strategies for Academic Recovery
3.0 units:  3.0 hours lec.
This course is appropriate for students wishing to improve their academic standing. Each student will identify his/her educational goal and develop an appropriate plan for achieving that goal. Academic policies will be addressed and strategies to get off and stay off probation, such as, informed decision-making, problem solving, classroom behavior, and behavior modification will also be studied. This course is recommended for all students on academic and/or progress probation.

Los Banos Campus
4486  MW  10:00a-11:50a Rodriguez, L  LB-B-101
Comments: Section 4486 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

Health (HLTH)
HLTH-10 Contemporary Health
3.0 units:  3.0 hours lec.
Advisory: ENGL-A. This course surveys the human condition from birth to death. Emphasis is placed on the impact of personal choice throughout life. Mental health, stress, alcohol, drugs, tobacco, disease processes, nutrition, fitness, sexuality, aging, environmental issues, and other related topics are studied and examined. The student is challenged to assume responsibility for his or her own health, well being, and lifestyle.

Los Banos Campus
8496  Th  05:30p-08:20p  LB-B-111
Comments: Section 8496 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.
History (HIST)

HIST-04B World History Part 2
3.0 units: 3.0 hours lec.
This course provides a broad historical survey of humanity’s social political, economic, and intellectual experiences for all major world civilizations from approximately the 16th century to the present.

Los Banos Campus
8498 W 07:00p-09:50p LB-B-106
Comments: Section 8498 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

HIST-17A US History/US Constitution
3.0 units: 3.0 hours lec.
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. Course will emphasize the development of critical and historical thinking skills.

Los Banos Campus
4500 TTh 09:30a-10:45a Gardner, J LB-B-135
Comments: Section 4500 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.
4502 TTh 02:00p-03:15p Gardner, J LB-B-106
Comments: Section 4502 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

HIST-17B US History & California State & Local Government
3.0 units: 3.0 hours lec.
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. The course covers the social, political, economic, and constitutional development of the nation.

Los Banos Campus
4504 MWF 02:00p-02:50p McNally, T LB-B-107

History - Noncredit (HST)

HST-900 American Citizenship
0.0 units: .
This course is best suited for non-U.S. citizens. It will provide non-U.S. citizens with a study of the federal and state system of government and the U.S. Constitution, preparing them for the naturalization citizenship interview with United States Citizenship and Immigration Services (USCIS). The course will include civil rights, voting, historical development of the U.S., types of government, the electoral process, political parties, the executive, legislative, and judicial branches of government, and the relationship between the state and federal systems of government. The student can practice reading, writing, speaking, listening, and pronunciation in English.

Los Banos Campus
5046 TTh 05:45p-8:00pm McNally, T

Human Services (HMSV)

HMSV-24 Work Experience in Human Services
1.0 units: .
This course enables students to earn college credit for learning or improving skills and/or knowledge on-the-job. Occupational Work Experience is discipline-specific and must connect to the student's major or occupational goal(s). Seventy-five (75) hours of documented paid work experience equals 1 unit of credit. Sixty (60) hours of documented volunteer experience equals 1 unit of credit. A student may enroll in up to 16 total units of work experience at Merced College. Students must have an establish work site prior to enrolling in the course.

Los Banos Campus
3145 - Coahran, S
Comments: This course has a MANDATORY ORIENTATION. Please see the Work Experience Webpage for orientation dates: http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html. This 1-unit course is designed for students who will work 60 volunteer or 75 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.
3146 - Coahran, S
Comments: This course has a MANDATORY ORIENTATION. Please see the Work Experience Webpage for orientation dates: http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html. This 1-unit course is designed for students who will work 120 volunteer or 150 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.
3147 - Coahran, S
Comments: This course has a MANDATORY ORIENTATION. Please see the Work Experience Webpage for orientation dates: http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html. This 1-unit course is designed for students who will work 180 volunteer or 225 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.
3148 - Coahran, S
Comments: This course has a MANDATORY ORIENTATION. Please see the Work Experience Webpage for orientation dates: http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html. This 1-unit course is designed for students who will work 240 volunteer or 300 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

Humanities (HUM)

HUM-02 Studies in Humanities: Renaissance to Present
3.0 units: 3.0 hours lec.
Prerequisite: ENGL-85AC or ENGL-85E. Minimum grade C, P; Advisory: ENGL-01A. The principal aims of this course are to examine human existence and cultural endeavors from the Renaissance to the present. Students will examine the continuities of human endeavors through fine arts, literatures, philosophies, religions, and the sciences, with an integration of certain non-Western cultures.

Los Banos Campus
4358 MWF 10:00a-10:50a Long, J LB-B-134
Comments: Section 4358 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.
Liberal Studies (LBST)

**LBST-24 Work Experience in Education**
1.0 units:
This course enables students to earn college credit for learning or improving skills or knowledge on-the-job. Occupational Work Experience is discipline-specific and must connect to the student's major or occupational goal(s). Seventy-five (75) hours of documented paid work experience equals 1 unit of credit. Sixty hours (60) of documented volunteer experience equals 1 unit of credit. A student may enroll in up to 16 total units of work experience at Merced College. Students must have an established work site prior to enrolling in the course.

**Los Banos Campus**

- 3389
  - Cates, K
  Comments: This course has a MANDATORY ORIENTATION. Please see the Work Experience Webpage for orientation dates: [http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html](http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html). This 1-unit course is designed for students who will work 60 volunteer or 75 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

- 3390
  - Cates, K
  Comments: This course has a MANDATORY ORIENTATION. Please see the Work Experience Webpage for orientation dates: [http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html](http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html). This 1-unit course is designed for students who will work 120 volunteer or 150 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

- 3391
  - Cates, K
  Comments: This course has a MANDATORY ORIENTATION. Please see the Work Experience Webpage for orientation dates: [http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html](http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html). This 1-unit course is designed for students who will work 180 volunteer or 225 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

- 3392
  - Cates, K
  Comments: This course has a MANDATORY ORIENTATION. Please see the Work Experience Webpage for orientation dates: [http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html](http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html). This 1-unit course is designed for students who will work 240 volunteer or 300 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

**Mathematics (MATH)**

**MATH-02 Precalculus**

4.0 units: 4.0 hours lec.
Prerequisite: Previously taken MATH-25 and passed with a minimum grade of C OR Concurrently enrolled in MATH-95P. 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.

**Los Banos Campus**

- 4604 MW 10:00a-11:50a LB-B-134
- 4620 MW 10:00a-11:50a LB-B-112
  Comments: Section 4620 requires students to register for MATH-95P-4628. Section 4620 requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.

**MATH-04A Calculus I**

4.0 units: 72.0 hours lec.
Prerequisite: Take MATH-02 or MATH-02H; Minimum grade of C,P.
This course covers limits, continuity, differentiation and integration of algebraic and trigonometric functions along with their respective applications.

**Los Banos Campus**

- 4622 TTh 08:00a-09:50a Shumaker, N LB-B-106
  Comments: Section 4622 requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.

**MATH-04B Calculus II**

4.0 units: 4.0 hours lec.
Prerequisite: Take MATH-04A Minimum grade of C,P.
This course is a continuation of MATH-04A, addressing transcendental functions, methods of integration, hyperbolic functions, improper integrals, Taylor's Formula, infinite series, and plane curves and polar coordinates.

**Los Banos Campus**

- 4624 TTh 10:00a-11:50a Shumaker, N LB-B-106
  Comments: Section 4624 requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.

**MATH-06 Elementary Differential Equations**

3.0 units: 3.0 hours lec.
Prerequisite: Take MATH-04C. Minimum grade of C, P.
Advisories: ENGL-A; 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. It introduces both theoretical and practical considerations, including definitions, existence and uniqueness of solutions, techniques for solving first-order ODEs and higher-order linear ODEs, series solutions and singular points for linear differential equations, Laplace transforms, homogeneous versus nonhomogeneous equations, linear systems, and numerical methods.

**Los Banos Campus**

- 4626 MWF 08:00a-09:05a LB-B-112
  Comments: Section 4626 requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.

**MATH-10 Elementary Statistics**

3.0 units: 3.0 hours lec.
Prerequisite: Previously taken MATH-C or MATH-D or MATH-88 or MATH-61 or MATH-62 OR MATH-95S and passed with a minimum grade of C; OR Concurrently enrolled in MATH-95S. Advisory: ENGL-A. This course covers descriptive statistics, including organization and presentation of data; elementary probability including permutations, combinations, binomial and normal distributions; inferential statistics, including random sampling, hypothesis testing, regression, and correlation and chi-square distribution.

**Los Banos Campus**

- 4608 TTh 12:30p-01:45p Schlinger, C LB-B-112
  Comments: Section 4608 requires students to register for MATH-95S-4610. Section 4608 requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.
- 4612 MWF 11:00a-11:50a Shumaker, N LB-B-110
  Comments: Section 4612 requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.
MATH-15 Finite Mathematics  
3.0 units: 3.0 hours lec.  
Prerequisite: Take MATH-C or MATH-61 or MATH-62; Minimum grade C,P;  
This course covers algebra review, linear models, systems of linear equations, matrices, linear programming, mathematics of finance, set theory, and probability. This course includes applications to business, economics, psychology, and sociology.

Los Banos Campus  
4592  MWF  10:00a-11:25a Schlinger, C  LB-B-106  
4594  MWF  08:00a-09:25a Bryan, J  LB-B-111  
Comments: Section 4594 requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.

MATH-20B Basic Structure of Mathematics II  
3.0 units: 3.0 hours lec.  
Prerequisite: Take MATH-C MATH-D or MATH-61 or MATH-62, Minimum grade C,P;  
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. This course covers the structure of plane and solid geometry, measurement, introduction to coordinate geometry, elementary probability, and statistics.

Los Banos Campus  
4598  MWF  08:00a-08:50a Schlinger, C  LB-B-135

MATH-25 Trigonometry  
3.0 units: 54.0 hours lec.  
Prerequisite: Take MATH-C or MATH-61; Minimum grade C,CR;  
This course is a review of right triangle geometry, real numbers, functions and graphs, trigonometric functions and their graphs, identities, inverse trigonometry functions, solve trigonometric equations, solve right triangles, solve triangles using the Law of Sines, and Law of Cosines.

Los Banos Campus  
4596  TTh  10:00a-12:20p Robinson, D  LB-B-111  
4597  TTh  10:00a-12:20p Albertson, I  LB-B-134  

MATH-61 Beginning & Intermediate Algebra for STEM  
6.0 units: 6.0 hours lec.  
Prerequisite: Take MATH-80; Minimum grade C,P;  
The beginning algebra topics include order of operations, graphing linear equations, solving equations and inequalities that are linear in form, operations on polynomials, and a brief introduction to functions. The intermediate algebra topics include factoring, graphing linear and non-linear functions, including piecewise defined graphs, problem solving with nonlinear equations, working with complex numbers, and graphing conic sections. This course is designed to prepare students for mathematics course work in trigonometry and precalculus.

Los Banos Campus  
4588  MWF  02:00p-03:50p Bryan, J  LB-B-111  
Comments: Section 4588 requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.

MATH-62 Beginning & Intermediate Algebra For Liberal Arts  
5.0 units: 90.0 hours lec.  
Prerequisite: Take MATH-80; Minimum grade C,P;  
This course covers the four basic operations on real numbers and algebraic expressions. Topics include order of operations, graphing and solving linear and absolute value equations and inequalities, systems of linear equations, quadratic, variation, geometric, financial, polynomial, exponential, and logarithmic models. This course is designed for non-STEM majors.

Los Banos Campus  
4586  MWF  02:00p-03:50p Schlinger, C  LB-B-135  
4606  F  10:00a-12:50p Schlinger, C  LB-B-135  
4628  F  10:00a-12:50p Schlinger, C  LB-B-136  

MATH-80 Prealgebra  
4.0 units: 72.0 hours lec.  
Advisories: ENGL-81, ENGL-81L. 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. It also covers real world application problems, formulas, measurement concepts, and an introduction to algebra including addition, subtraction, and multiplication of algebraic expressions.

Los Banos Campus  
4578  MW  02:00p-03:50p Albertson, I  LB-B-134  
4582  TTh  10:00a-12:20p Robinson, D  LB-B-111

MATH-88 Preparation for Elementary Statistics  
4.0 units: 4.0 hours lec.  
Prerequisite: Take MATH-80; Minimum grade C,P;  
An accelerated one-semester course to transfer-level Elementary Statistics covering core concepts from arithmetic, pre-algebra, elementary and intermediate algebra, and descriptive statistics that are needed to understand the basics of college-level statistics. Concepts are taught through the context of descriptive data analysis. Topics include arithmetic and algebra skills needed to understand the concepts and formulas, solving and graphing linear equations, modeling with linear functions, and solving contextualized problems. This course is NOT intended for math, science, computer science, business, or engineering majors. Non-degree applicable.

Los Banos Campus  
4594  MWF  08:00a-09:25a Schlinger, C  LB-B-111  
4596  TTh  08:00a-09:50a Bryan, J  LB-B-111  

MATH-95P PreCalculus Support  
1.0 units: 3.0 hours lab.  
Prerequisite: Concurrent enrollment in MATH-02.  
A review of the core prerequisite skills, competencies, and concepts needed in precalculus. Topics include concepts from elementary algebra, intermediate algebra, and trigonometry. Intended for students who are concurrently enrolled in precalculus.

Los Banos Campus  
4606  F  10:00a-12:50p Schlinger, C  LB-B-134  
4628  F  10:00a-12:50p Schlinger, C  LB-B-136  

MATH-95S Statistics Support  
1.0 units: 3.0 hours lab.  
Prerequisite: Concurrent Enrollment in MATH-10.  
A review of the core prerequisite skills, competencies, and concepts needed in statistics. Topics include concepts from prealgebra, elementary and intermediate algebra and the development of critical thinking skills needed for statistical analysis. Intended for students who are concurrently enrolled in Elementary Statistics.

Los Banos Campus  
4610  TTh  02:00p-03:15p Schlinger, C  LB-B-111  
Comments: Section 4610 requires students to register for MATH-02-4620. Section 4628 requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.

Los Banos Campus  
4628  F  10:00a-12:50p Schlinger, C  LB-B-136  
Comments: Section 4628 requires students to register for MATH-02-4620. Section 4628 requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.
MATH-C Intermediate Algebra
4.0 units: 72.0 hours lec.
Prerequisite: Take MATH-A or MATH-81. Minimum grade C,P;
This course covers factoring, functions and graphs, solving linear, quadra-
dratic, piecewise defined, exponential, and logarithmic equations, rational
expressions and equations, complex numbers, and conic sections.

Los Banos Campus
8600 TTh 05:30p-07:20p Narvaez, J LB-B-110

Music: General (MUSG)

MUSG-13 Jazz Music History
3.0 units: 3.0 hours lec.
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. Special emphasis will be given to
developing listening skills appropriate to the understanding and appreci-
ation of jazz. International influences and the development of jazz as a
world musical form will be discussed. This course is a listener s guide to
the appreciation of jazz and incorporates principles of structure, expres-
sion, instrumentation, cultural and social issues integral to jazz music.

Los Banos Campus
8626 Th 07:00p-09:50p Faria, M LB-B-107

MUSG-14 American Popular Music History
3.0 units: 3.0 hours lec.
This course presents an introduction to the history and literature of the
popular music movement in the United States; it is a study of the rela-
tionships of popular music to the social history of America. Emphasis is
on styles and personalities of folk, blues, jazz, musical theater, country
& western, and rock n roll. This course is designed for the non-music
major.

Los Banos Campus
8628 MW 05:30p-06:45p Faria, M LB-B-106

Philosophy (PHIL)

PHIL-13 Critical Reasoning & Writing
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-01A Minimum grade C,P;
This course offers instruction in argumentative and critical writing, critical
thinking, research strategies, information literacy, and proper documenta-
 tion. Readings feature mostly non-fictional essays and books that reflect
diverse cultural and gender perspectives on a variety of contemporary political and social issues, especially those involving race, ethnicity, and
gender. ENGL-13/PHIL-13 meets the IGETC critical thinking/composition
requirement.

Los Banos Campus
4656 MW 02:00p-03:15p Kludt, K LB-B-135
Comments: Section 4656 requires a web component which
will require you to have internet access. Some examples of
use are: 1) homework 2) syllabi 3) testing 4) research 5)
assignments.

4660 TTh 09:30a-10:45a Chavez, C LB-B-136
Comments: Section 4660 is a Learning Community course which requires registration in GUID-45-4484. Section 4660 re-
quires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

4662 TTh 12:30p-01:45p LB-A-103
Comments: Section 4662 requires a web component which
will require you to have internet access. Some examples of
use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

4664 MWF 10:00a-10:50a LB-B-110
Comments: Section 4664 requires a web component which
will require you to have internet access. Some examples of
use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

Physical Science (PHSC)

PHSC-01 Introduction to Physical and Earth Science
3.0 units: 3.0 hours lec.
This is an introductory course presenting the nature of physical, earth, and
space sciences and their relationship to other areas of scientific knowledge. The course will develop the major concepts and give an
understanding of the general principles of physical, earth, and space
science. As an introductory class, the course of study will focus on major
principles and applications to modern observations and phenomena. This course is designed to meet the content requirement for physical science and for earth and space science for the Liberal Studies - Elementary
Teaching preparation pathway.

Los Banos Campus
4672 MW 11:00a-11:50a Huff, A LB-B-111
Comments: Section 4672 requires a web component which
will require you to have internet access. Some examples of
use are: 1) homework 2) syllabi 3) testing 4) research 5)
assignments.

PHSC-02 Survey of Chemistry and Physics
3.0 units: 3.0 hours lec.
Prerequisite: Take MATH-81; Minimum grade C,P;
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. The inter-depen-
dence of chemistry and physics will be emphasized. This course is
intended for non-science majors.

Los Banos Campus
4674 TTh 12:30p-01:45p Huff, A LB-B-135
Comments: Section 4674 requires a web component which
will require you to have internet access. Some examples of
use are: 1) homework 2) syllabi 3) testing 4) research 5)
assignments.

PHSC-02L Survey of Chemistry and Physics Labora-
tory
1.0 units: 3.0 hours lab.
Prerequisite: Take PHSC-02.
OR
Take MATH-81; Minimum Grade C,P;
This introductory laboratory is designed to provide a hands-on exploration in parallel with the topics covered in the introduction to Survey of Chem-
istry and Physics lecture course - Physical Science 2. Emphasis will be
placed on (1) classical science experimentation, (2) laboratory activities in
the real world, and (3) support of the laboratory activities through use of
modern technologies. This course is intended for non-science majors.

Los Banos Campus
4676 Th 09:00a-11:50a Huff, A LB-B-102
Comments: Section 4676 requires a web component which
will require you to have internet access. Some examples of
use are: 1) homework 2) syllabi 3) testing 4) research 5)
assignments.

Physics (PHYS)

PHYS-04A Physics I
4.0 units: 3.0 hours lec, 3.0 hours lab.
Prerequisite: Take MATH-04A; Minimum grade C,P;
This course is a calculus-based physics course intended for physics
and engineering majors as well as some chemistry and math majors.
**Physics (PHYS)**

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**Plant Science (PLSC)**

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**Political Science (POSC)**

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**Psychology (PSYC)**

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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.
PSYC-22 Human Sexuality
3.0 units: 3.0 hours lec.
This course explores the psychology of human sexuality. Psychological, biological, and sociocultural research is presented concerning all aspects of human sexuality in contemporary society. Specific topics include sexual anatomy and physiology, gender, sexual orientations, contraception, sexually transmitted infections, sexual dysfunction and sex for sale.

Los Banos Campus
4734 MWF 11:00a-11:50a Coahran, S LB-B-107
Comments: Section 4734 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

PSYC-23 Personal & Social Adjustment
3.0 units: 3.0 hours lec.
This course examines personality factors as they relate to the problems of growth and adjustment. Concepts covered in the course are personality development, the psychological bases of behavior, mental health, and interpersonal relations. Stress is placed on the importance of applying therapeutic principles and techniques in everyday life.

Los Banos Campus
4712 MW 02:00p-03:15p LB-B-106
Comments: Section 4712 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

PSYC-95S Statistics Support
1.0 units: 1.0 hours lab.
Prerequisite: Concurrent enrollment in PSYC-05
A review of the core prerequisite skills, competencies, and concepts needed in statistics. Topics include concepts from prealgebra, elementary and intermediate algebra and the development of critical thinking skills needed for statistical analysis. Intended for students who are concurrently enrolled in Introduction to Statistics in Psychology. Co-Requisite: PSYC-05 and Advisory: ENGL-01A

Los Banos Campus
4710 MWF 09:00a-09:50a Coahran, S LB-B-106
Comments: Section 4710 requires students to register for PSYC-05-4708. Section 4710 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

Sociology (SOC)
SOC-01 Introduction to Sociology
3.0 units: 3.0 hours lec.
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. The course begins with the understanding of the differences between personal troubles and public issues, and how sociologist apply various theoretical perspectives to a wide range of issues, such as: culture; socialization; social structure of society; deviance; issues of feminization; family; gender; race; inequality; economics; politics and population; and the relationship between the individual and society. The course accents international comparisons to show how similar institutions are structures and function differently in different societies around the world.

Los Banos Campus
4738 MW 03:00p-03:50p Coahran, S LB-B-107
Comments: Section 4738 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

SOC-02 Contemporary Social Problems
3.0 units: 3.0 hours lec.
SOC-02 introduces fundamental theories and methodologies employed in the study of contemporary social problems. An emphasis is placed on analysis of causes and possible solutions to such problems as poverty, discrimination, crime, delinquency, alcoholism, drug abuse, suicide, family, and politics. A global perspective focuses on the international influences and contributions to various contemporary social problems.

Los Banos Campus
4736 TTh 08:00a-09:15a LB-B-107
Comments: Section 4736 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

Spanish (SPAN)
SPAN-01 Elementary Spanish I
5.0 units: 5.0 hours lec.
This course will focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency. Students will learn how to express in Spanish the most basic functions of everyday life. This course is not recommended for native speakers - native speakers should enroll in SPAN-10.

Los Banos Campus
4746 TTh 01:00p-03:15p Wynne, C LB-B-134
4748 MWF 10:00a-11:25a Wynne, C LB-B-112

SPAN-02 Elementary Spanish II
5.0 units: 5.0 hours lec.
Prerequisite: Take SPAN-01; Minimum grade C, CR;
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. Students will learn how to express in Spanish the most basic functions of everyday life. This course is recommended for students who have completed two years of high school Spanish; it is not recommended for native speakers. Native speakers should enroll in SPAN-11.

Los Banos Campus
4750 MW 04:00p-05:25p LB-B-112

SPAN-10 Spanish for Spanish Speakers I
5.0 units: 5.0 hours lec.
This course is designed for native and heritage speakers, as well as other linguistically qualified students, whose formal training in the language is not complete. The course will focus on extensive reading of all types of texts and their reworking in written form with the intention of expanding the vocabulary, creating an incipient awareness of linguistic registers, discussing items beyond the familial routine, improving written expression, and developing an appreciation for Hispanic culture as manifested in Spanish speaking countries and the U.S. This course is conducted entirely in Spanish.

Los Banos Campus
8764 TTh 05:30p-07:45p Calderon Aragon, R LB-B-112
Comments: Section 8764 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

Work Experience (WORK)
WORK-40 General Work Experience
1.0 units: .
This course will enable students to earn college credit for learning or improving skills or knowledge while working. Any type of work is suitable, either paid or volunteer. This course will allow students to sample an experience in a career field that is not related to the student's major. A
student may not enroll in any more than 16 units of any cooperative work experience course at Merced College. Seventy-five hours of cooperative work experience (or 60 hours volunteer work) equals 1 unit of cooperative work experience credit.

**Los Banos Campus**

3091 - Cates, K  
Comments: This course has a MANDATORY ORIENTATION. Please see the Work Experience Webpage for orientation dates: http://www.mccd.edu/academics/english-liberalstudies/ coop-ed-work 40-class.html This 1-unit course is designed for students will work 60 volunteer or 75 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

3092 - Cates, K  
Comments: This course has a MANDATORY ORIENTATION. Please see the Work Experience Webpage for orientation dates: http://www.mccd.edu/academics/english-liberalstudies/ coop-ed-work 40-class.html This 1-unit course is designed for students will work 120 volunteer or 150 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

3093 - Cates, K  
Comments: This course has a MANDATORY ORIENTATION. Please see the Work Experience Webpage for orientation dates: http://www.mccd.edu/academics/english-liberalstudies/ coop-ed-work 40-class.html This 1-unit course is designed for students will work 180 volunteer or 225 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

3094 - Cates, K
Off Campus Classes

Arts - Noncredit (ARTS)

ARTS-512 Choral Dynamics
0.0 units:
This 54-72 hour course is a study of standard choral literature. It emphasizes part-singing, intonation, breath control, vocal development, style, eras, musical devices, etc. The ensemble makes several public concert appearances each year.

Merced Off-Campus
5613 M 06:30p-09:30p Vanderslik, G OFML-MARIP

Biology (BIOL)

BIOL-06 Environmental Science
3.0 units: 3.0 hours lec.
Advisory: ENGL-A. This introductory course examines Earth as an ecosystem composed of biological, chemical, and physical processes with emphasis on man’s impact on the planet. Topics include the structure and function of ecosystems, bio-diversity, the impact of industrialization and urbanization, energy, populations, resources, pollution, pesticides, and risk/benefit assessment.

Delhi
7703 T 05:30p-08:20p Menke, B DELH-C6
Comments: Section 7703 is held at Delhi High School; 16881 Schendel Ave, Room C6; Delhi, CA 95315.

Business (BUS)

BUS-18A Business Law
4.0 units: 4.0 hours lec.
Prerequisite: Take BUS-10; and Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A; Minimum grade C, P;
This course is a study of legal principles that govern the conduct of business. Included are surveys of the essential elements of legal history and jurisprudence; judicial, administrative, and alternative dispute resolution; ethics; business crime; torts; contracts and the UCC; bankruptcy; agency relationships; property; administrative law; labor and employment law; international law. Introduction to legal research and brief-writing are also included.

Delhi
7701 T 05:30p-09:20p Matis Foss, A DELH-J2
Comments: Section 7701 is held at Delhi High School; 16881 Schendel Ave, Room J2; Delhi, CA 95315.

Business - Noncredit (BUSN)

BUSN-749 Microcomputers & Business
0.0 units: 
This entry-level course is designed for the adult student who desires vocational training in the field of Technical Office Occupations. The course is project-based to develop student entry-level skill proficiency in using state of the art technology to solve problems. Various simulations reflective of real life experiences will be a major part of the instructional units. The course is 720 hours in duration and is open entry format.

Merced Off-Campus
5908 MTWTh 08:00a-04:00p Camper, M BRC-206

BUSN-752 Introduction to Microcomputers
0.0 units: 
This course provides clinical experience for application of theoretical principles and concepts covered in previous and current didactic coursework. Clinical experience in patient care and handling, scanning techniques, instrumentation, work efficiency and image evaluation in all areas of general sonography is provided with emphasis in OB-GYN imaging.

Delhi
5916 TTh 06:00p-08:00p Arellano, M OFML-DELHS
5917 TTh 06:00p-08:00p Arellano, M OFML-DELHS
5918 MW 06:00p-08:00p Arellano, M OFML-DELHS

Merced Off-Campus
5910 MTWTTh 08:00a-04:00p Camper, M BRC-206
5920 F 09:00a-11:00a Murillo, O OFML-CC
5921 F 09:00a-11:00a Murillo, O OFML-CC

Criminal Justice (CRIM)

CRIM-03 Criminal Procedures
3.0 units: 3.0 hours lec.
Prerequisite: Take CRIM-02; Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A. Minimum grade C, P;
This course covers the examination of due process from pre-arrest through trial and appeal. The history of due process and precedent will be examined through statutory law and interpretations of law reflected in court decisions with particular focus on the impact of interpretations of Fourth, Fifth, Sixth, Eighth, and Fourteenth Amendments.

Chowchilla
7129 W 05:00p-07:50p Staff, M CCWF-MISC
Comments: Section 7129 is held at the Central California Women’s Facility, 23370 Road 22; Chowchilla CA 93610. For security reasons, students must check in at the main gate and produce a valid California Driver’s License or ID. If you are not a prison employee, you may need to undergo a background check.

Delhi
7702 W 03:00p-05:50p Hilliard, D DELH-J4
Comments: Section 7702 is held at Delhi High School; 16881 Schendel Ave, Room J4; Delhi, CA 95315.

Diagnostic Medical Sonography (SONO)

SONO-45B Clinical Experience IV
9.0 units: 28.0 hours lab.
Prerequisite: Take SONO-45C
This course provides clinical experience for application of theoretical principles and concepts covered in previous and current didactic coursework. Clinical experience in patient care and handling, scanning techniques, instrumentation, work efficiency and image evaluation of basic vascular sonography is provided. Clinical experience in abdominal, obstetric and gynecological, and superficial structures imaging is also provided.

Merced Off-Campus
1078 - Zeilinsky, C
Comments: Section 1078 requires 504 hours by arrangement.

Drafting Technology (DRFT)

DRFT-44 Print Reading & Sketching
3.0 units: 2.0 hours lec, 3.0 hours lab.
Advisories: ENGL-81, ENGL-84; MATH-80. This course is for technical students and other personnel who must be skilled in reading industrial prints. The student will become familiar with industrial prints, industry standards, and current practices. There will be a basic coverage of sketching as it applies to the communication skills of reading prints.

Los Banos Off-Campus
9916 MTWTTh 08:00a-09:20a OFLL-HBPG
5920 MTWTTh 09:30a-11:35a OFLL-HBPG
Comments: Section 9916 is held from 01/13/20 to 02/20/20.
Education - Noncredit (EDU)

EDU-110 Reading & Computers

0.0 units: .

288 hours open entry format. This course is best suited for adult learners below the third grade reading ability that need individual attention, encouragement, and reinforcement while learning basic phonics, reading, spelling, and vocabulary skills. The student can learn at his/her own rate of speed with computer assisted instruction.

Merced Off-Campus

5016 MTWTh  09:00a-01:00p Vitato, J  BRC-215

EDU-111 Reading & Computers II

0.0 units: .

288-324 hours open entry format. This course is best suited for adult learners at third grade reading and vocabulary level up to approximately sixth grade level who require individual attention and reinforcement while reviewing basic phonics, improve reading, spelling, and vocabulary skills.

Merced Off-Campus

5017 MTWTh  09:00a-01:00p Vitato, J  BRC-215

EDU-112C Skills Acquisition for Student Success - Allied Health

0.0 units: .

This course is designed to provide students the opportunity to improve and enhance their allied health skills through any number of training exercises that assist in the clinical development of and reinforcement of the practical allied health skills. The course is in a lab setting enriched with a resource library, manikins (for skills practice), and computer stations. Course duration is 8-36 hours. Open Entry.

Merced Off-Campus

5013 F 08:00a-04:30p Mattos, K  BRC-220
5014 F 08:00a-04:30p Mattos, K  BRC-220

EDU-508 Mature Driver Improvement

0.0 units: .

This course is designed primarily for drivers age 55 and older. Students receive classroom instruction on driving safety, road courtesy, improving driving performance, and safe driving techniques for emergencies. This course is 8 hours in duration.

Delhi

5634 F 08:30a-04:30p Lara, L  OFML-DLUSD

Mariposa

5630 Th 08:30a-04:30p Lara, L  OFML-MARIP
5638 M 08:30a-04:30p Lara, L  OFML-MARIP

Merced Off-Campus

5631 W 08:30a-04:30p Lara, L  OFML-SMEAD
5632 W 08:30a-04:30p Lara, L  OFML-ATW
5633 W 08:30a-04:30p Lara, L  OFML-WCC
5635 W 08:30a-04:30p Lara, L  OFML-ATW
5636 F 08:30a-04:30p Lara, L  OFML-HILM
5639 W 08:30a-04:30p Lara, L  OFML-ATW

ENG-801 ESL (English As A Second Language)

Beginning Esl Skills

0.0 units: .

This course is for preliterate and nonliterate ESL students who have no, or very few, English language skills. Emphasis of the course is on aural/oral skills and visual reinforcement.

Los Banos Off-Campus

5042 MWTh 06:00p-08:00p Nelson, B  OFLL-LBHS

Merced Off-Campus

5026 MWF 08:00a-11:30a Ramos Avalos, S  OFML-WIN
5035 MWTh 05:30p-07:30p STAFF  OFML-CHOW
5038 TWThF 12:00p-02:00p Sanchez-Navarro, Z  OFML-CHOW
5049 MTWTh 09:00a-12:00p Cervantes, M  OFML-DLUSD
5054 MW 06:00p-08:00p Ramos, S  OFML-DELHS
5057 TTh 06:00p-08:00p Lorenco, C  OFML-DELHS
5107 MWF 05:30p-08:00p Cervantes, M  OFML-LBHS
5095 MTWTh 09:00a-11:30a Murillo, O  OFML-ACHMB
5099 MTWTh 06:00p-08:00p Murillo, O  OFML-AHS
5103 MTWThF 09:00a-11:30a Marty, D  OFML-LBHS
5107 MWF 05:30p-08:00p Cervantes, M  OFML-LBHS

ENG-802 ESL (English As A Second Language)- Advanced-Beginning Esl Skills

0.0 units: .

This course is for preliterate and nonliterate ESL students who have minimal English language skills. Emphasis in this course is on aural and oral skills with visual reinforcement. The student will be introduced to reading, writing and math skills. Course duration is 204 - 255 hours.

Los Banos Off-Campus

5043 MWTh 06:00p-08:00p Nelson, B  OFLL-LBHS

Merced Off-Campus

5027 MWF 08:00a-11:30a Ramos Avalos, S  OFML-WIN
5036 MWTh 05:30p-07:30p STAFF  OFML-CHOW
5039 TWThF 12:00p-02:00p Sanchez-Navarro, Z  OFML-CHOW
5050 MTWTh 09:00a-12:00p Cervantes, M  OFML-DLUSD
5058 TTh 06:00p-08:00p Lorenco, C  OFML-DELHS
5061 MW 06:00p-08:00p Ramos, S  OFML-DELHS
5096 MTWTh 09:00a-11:30a Murillo, O  OFML-ACHMB
5100 MTWTh 06:00p-08:00p Murillo, O  OFML-AHS
5104 MTWThF 09:00a-11:30a Marty, D  OFML-LBHS
5108 MWF 05:30p-08:00p Cervantes, M  OFML-LBHS

ENG-813 ESL (English as a Second Language)- Low-Intermediate Esl Skills

0.0 units: .

This course is designed for low-intermediate level students who need more practice with English skills. This course includes practice in listening, speaking, reading, and writing. Course duration is 204 - 255 hours.

Chowchilla

5047 MWTh 05:30p-07:30p STAFF  OFML-CHOW

Los Banos Off-Campus

5044 MWTh 06:00p-08:00p Nelson, B  OFLL-LBHS

Merced Off-Campus

5028 TTh 08:00a-11:15a Ramos Avalos, S  OFML-WIN
5040 TWThF 12:00p-02:00p Sanchez-Navarro, Z  OFML-CHOW
5051 MTWTh 09:00a-12:00p Cervantes, M  OFML-MISC
5055 MW 06:00p-08:00p Ramos, S  OFML-DELHS
5079 TTh 06:00p-08:00p Catarina, L  OFML-DELHS
5097 MTWTh 09:00a-11:30a Murillo, O  OFML-ACHMB
5101 MTWTh 06:00p-08:00p Murillo, O  OFML-AHS
5105 MTWThF 09:00a-11:30a Marty, D  OFML-LBHS
5109 MWF 05:30p-08:00p Cervantes, M  OFML-LBHS

Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
ENG-815 Intermediate ESL Skills
0.0 units: .
Course duration is 204 - 255 hours. This course is for intermediate level students who have learned basic survival skills, but who need instruction that will lead to a relatively sophisticated level of discourse of issues and ideas that reach beyond basic survival. This course will prepare students to take credit courses at Merced College. This course includes practice in listening, speaking, reading, and writing.

Los Banos Off-Campus
5045 MWTh 06:00p-08:00p Nelson, B OFLL-LBHS

Merced Off-Campus
5021 MTWTh 08:15a-12:00p Worden, F BRC-213
5029 TTh 08:00a-11:15a Ramos Avalos, S OFML-WIN
5041 TTHF 12:00p-02:00p Sanchez-Navarro, Z OFML-CHOW
5048 MWTh 05:30p-07:30p STAFF OFML-CHOW
5052 MTWTh 09:00a-12:00p Cervantes, M OFML-MISC
5056 MW 06:00p-08:00p Ramos, S OFML-DELHS
5080 TTh 06:00p-08:00p Catarina, L OFML-DELHS
5098 MTWTh 09:00a-11:30a Murillo, O OFML-ACHMB
5102 MTWTh 06:00p-08:00p Murillo, O OFML-AHS
5106 MTWThF 09:00a-11:30a Marty, C OFML-LIVIN
5110 MWF 09:30p-09:00p Cervantes, M OFML-LIVIN

G.E.D. - Noncredit (GED)
GED-101 Basic Skills Development and GED Preparation
0.0 units: .
This 144-324 hours course is designed to build the basic academic skills of adult learners in the areas of reading comprehension, language and evidence-based writing, mathematical reasoning, life, physical, and earth sciences, and social science. Special emphasis is placed on analytical reading skills, problem solving, and test preparation. The content of this course is reflective all new modifications to the GED exam. Subject matter included of the areas covered by the GED exam such as science, social studies, literature, mathematics, and writing.

Los Banos Campus
5015 MTWTh 12:00p-03:00p Whitehurst, J OFLL-LBHS

Merced Off-Campus
5060 MTWTh 09:00a-12:00p Melo, J OFML-CC
5066 MTWThF 06:00p-08:00p Castro, M OFML-DELHS

Guidance (GUID)
GUID-30 Foundations and Strategies For College Success
3.0 units: 3.0 hours lec.
This comprehensive course integrates the cultivation of skills, values, and attitudes indicative of confident, capable students/individuals with problem solving and critical/creative thinking. The course focuses on the following topics: life management, goal setting, career decision making, educational planning, college expectations and opportunities, instructor-student relationships, cultural diversity, lifestyle choices affecting health maintenance, stress management, campus resources, learning styles and strategies, and study skills. This course is recommended for all new students.

Mariposa
2406 W 06:00p-07:15p Allen-Ritter, L MARI-57
Comments: Section 2406 is held at Mariposa High School; 5074 Old Highway North; Mariposa. CONTACT: lori.allen-ritter@mccd.edu IN-CLASS SESSIONS: Lecture; Wednesdays; 06:00p-07:15p. COMMENTS: 1.5 Lecture hours per week will be held online.

Health - Noncredit (HLT)
HLT-322 Beginning Fall and Injury Prevention for Older Adults
0.0 units: .
This 36-hour course is designed to teach older adults how physical activity can help reduce incidences of slips, sprains and falls. The course is a combination of lecture, demonstration, and practice of muscle development and strengthening techniques. Diet and nutrition for supporting health and maintaining healthy weight is also discussed.

Los Banos Off-Campus
5600 MWF 02:15p-02:45p Cruz, O OFML-PM

History (HIST)
HIST-17B US History & California State & Local Government
3.0 units: 3.0 hours lec.
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. The course covers the social, political, economic, and constitutional development of the nation.

Mariposa
7804 Th 06:00p-08:50p Abney, M MARI-59
Comments: Section 7804 is held at Mariposa High School; 5074 Old Hwy N.; Mariposa, CA; Room 59.

History - Noncredit (HST)
HST-900 American Citizenship
0.0 units: .
This course is best suited for non-U.S. citizens. It will provide non-U.S. citizens with a study of the federal and state system of government and the U.S. Constitution, preparing them for the naturalization citizenship interview with United States Citizenship and Immigration Services (USCIS). The course will include civil rights, voting, historical development of the U.S., types of government, the electoral process, political parties, the executive, legislative, and judicial branches of government, and the relationship between the state and federal systems of government. The student can practice reading, writing, speaking, listening, and pronunciation in English.

Los Banos Off-Campus
5032 MW 06:00p-08:00p Alvarado-Barba, A OFML-DELHS
5033 TWTh 11:00a-12:00p Sanchez-Navarro, Z OFML-CHOW

Kinesiology (KINE)
KINE-31 Aerobic Training
1.0 units: 3.0 hours lab.
This class uses a variety of aerobic activities to improve cardio-respiratory endurance. Machines used include stair climber, treadmills, cycles, rowing, recumbent bikes and cross trainers. Emphasis will be placed on monitoring physiological response to exercise and teaching proper warm-up, training at target rate, and cool down. A pre-test and post-test will be administered to evaluate fitness level and monitor improvement.

Los Banos Off-Campus
4558 MW 12:30p-01:45p Mendes, D OFLL-LBPC
Comments: Section 4656 is located at Positive Changes; 1001 6th Street; Los Banos.

KINE-33 Weight Training
1.0 units: 3.0 hours lab.
An open laboratory experience for those people who desire an individualized strength program using a combination of exercise machines and free weights. This class is designed specifically to improve strength. The class is suited for athletes and men and women of all age groups who are interested in muscle toning and muscle building.

Los Banos Off-Campus
KINE-36 Walking for Fitness Conditioning and Flexibility

1.0 units: 3.0 hours lab.
This course is designed to improve cardiovascular efficiency, flexibility and strength through the use of walking and related activities. Students will use the latest techniques to improve walking performance.

Los Banos Off-Campus
4562 TTh 08:00a-08:50a Mendes, D OFLL-LBPC
Comments: Section 4562 is located at Positive Changes; 1001 6th Street; Los Banos.
4564 TTh 08:00a-09:15a Mendes, D OFLL-LBPC
Comments: Section 4564 is located at Positive Changes; 1001 6th Street; Los Banos.

Management (MGMT)

MGMT-50A Challenges of Leadership: Difficult People/ Tough Conversations

0.5 units: 0.5 hours lec.
deal with the various challenges of leading people. Special emphasis will be placed on practical and proven tools to deal with difficult people and have tough conversations. The topic of accountability will be explored in regard to individual performance and organizational success. Participants will learn about progressive discipline and how to resolve performance problems. Pass/No Pass only.

Merced Off-Campus
9701 Th 08:00a-12:15p Pistoresi, P BRC-122
Comments: Section 9701 is held 03/05/20 and 03/12/20.
9702 Th 01:00p-05:15p Pistoresi, P BRC-122
Comments: Section 9702 is held 03/05/20 and 03/12/20.
9703 W 01:00p-05:15p Morse, J BRC-122
Comments: Section 9703 is held 03/11/20 and 03/18/20.

MGMT-50B Values & Ethics

0.5 units: 0.5 hours lec.
This course is designed to equip students with knowledge and skills to work with and lead cross-generational teams. Pass/No Pass only.

Merced Off-Campus
9704 Th 08:00a-12:15p Lacey, E BRC-122
Comments: Section 9704 is held 03/05/20 and 03/12/20.
9705 Th 01:00p-05:15p Pistoresi, P BRC-122
Comments: Section 9705 is held 03/19/20 and 03/26/20.

Merced Off-Campus
9707 Th 08:00a-12:15p Lacey, E BRC-122
Comments: Section 9707 is held 03/19/20 and 03/26/20.
9708 Th 01:00p-05:15p Lacey, E BRC-122
Comments: Section 9708 is held 03/19/20 and 03/26/20.

MGMT-50C Time Management

0.5 units: 0.5 hours lec.
This course is designed to introduce the student to time management principles and specific tools that assist in making maximum use of time. Emphasis will be placed on how to prioritize, identifying time wasters, and goal setting. Pass/No Pass only.

Merced Off-Campus
9722 Th 08:00a-12:15p Zdanowski, M BRC-123
Comments: Section 9722 is held 05/14/20 and 05/21/20.
9723 Th 01:00p-05:15p Zdanowski, M BRC-123
Comments: Section 9723 is held 05/14/20 and 05/21/20.

Merced Off-Campus
9725 W 08:00a-12:15p Roper, R OFML-ATW
Comments: Section 9725 is held 02/05/20 and 02/12/20. Off Site Location: City of Atwater Community Center - 760 E Beliveau Rd., Atwater, CA 95301.

MGMT-50D Communication in the Workplace

0.5 units: 0.5 hours lec.
This course is designed to introduce the student to key elements in communication within business organizations. Topics will include verbal and nonverbal communication, listening skills and specific workplace communication skills. Pass/No Pass only.

Merced Off-Campus
9711 Th 08:00a-12:15p Lacey, E BRC-122
Comments: Section 9711 is held 04/23/20 and 04/30/20.
9712 Th 01:00p-05:15p Lacey, E BRC-122
Comments: Section 9712 is held 04/23/20 and 04/30/20.

MGMT-50E Effective Communication

0.5 units: 0.5 hours lec.
Advisories: ENGL-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. Students will learn to recognize various personalities and how their strengths and weaknesses impact a team. Students will be introduced to team building in the workplace. Pass/No Pass only.

Merced Off-Campus
9709 Th 08:00a-12:15p Lacey, E BRC-123
Comments: Section 9709 is held 02/20/20 and 02/27/20.
9710 Th 01:00p-05:15p Lacey, E BRC-123
Comments: Section 9710 is held 02/20/20 and 02/27/20.

MGMT-50G Decision Making & Problem Solving

0.5 units: 0.5 hours lec.
Advisories: ENGL-81, ENGL-84. This course is designed to introduce the student to decision-making and problem-solving techniques. Pass/No Pass only.

Merced Off-Campus
9727 W 08:00a-12:15p Roper, R OFML-ATW
Comments: Section 9727 is held 04/01/20 and 04/08/20. Off Site Location: City of Atwater Community Center - 760 E Beliveau Rd., Atwater, CA 95301.

MGMT-50H Customer Service

0.5 units: 0.5 hours lec.
This course is designed to provide the student with certain key skills and attitudes in order to effectively meet the needs of customers. The participants will be introduced to the key elements of outstanding customer service. Topics will also include understanding and exceeding customer expectations, and how to deal with unrealistic expectations. The course addresses why customers leave, and the long-term value of customers. Pass/No Pass only.

Merced Off-Campus
9709 Th 08:00a-12:15p Lacey, E BRC-123
Comments: Section 9709 is held 02/20/20 and 02/27/20.
9710 Th 01:00p-05:15p Lacey, E BRC-123
Comments: Section 9710 is held 02/20/20 and 02/27/20.

MGMT-50I Attitude in the Workplace

0.5 units: 0.5 hours lec.
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. Students will be introduced to the concepts of how attitudes are communicated, and how to adjust one's attitude. Pass/No Pass only.

Merced Off-Campus
9705 Th 08:00a-12:15p Pistoresi, P BRC-122
Comments: Section 9705 is held 01/23/20 and 01/30/20.
9706 Th 01:00p-05:15p Pistoresi, P BRC-122
Comments: Section 9706 is held 01/23/20 and 01/30/20.

Merced Off-Campus
9707 Th 08:00a-12:15p Lacey, E BRC-122
Comments: Section 9707 is held 03/19/20 and 03/26/20.
9708 Th 01:00p-05:15p Lacey, E BRC-122
Comments: Section 9708 is held 03/19/20 and 03/26/20.

MGMT-50J Generational Diversity: Managing Cross Generational Teams

0.5 units: 0.5 hours lec.
America has multiple generations working side by side in the workplace. This course is designed to equip students with knowledge and skills to work with and lead cross-generational teams. Pass/No Pass only.

Merced Off-Campus
9711 Th 08:00a-12:15p Lacey, E BRC-122
Comments: Section 9711 is held 04/23/20 and 04/30/20.
9712 Th 01:00p-05:15p Lacey, E BRC-122
Comments: Section 9712 is held 04/23/20 and 04/30/20.
MGMT-50L Authentic Leadership: Know Yourself/Lead Your People
0.5 units: 0.5 hours lec.
This course is designed to help participants recognize the importance of authenticity in leadership. Participants will learn what followers look for in a leader. The importance of trust in a leader and on a team will be explored. The connection of authenticity and employee engagement will be defined. Pass/No Pass only.

Merced Off-Campus
9716 Th 08:00a-12:15p Morse, J BRC-122
Comments: Section 9716 is held 05/07/20 and 05/14/20.

MGMT-50P Emotional Intelligence
0.5 units: 0.5 hours lec.
This course is an introduction to the principles of Emotional Intelligence (EQ). EQ is the ability to identify and understand your emotions and those of others and use this understanding to guide your behavior and manage relationships. Topics covered include the five competencies of EQ: self-awareness, self-regulation, motivation, and effective relationships. Pass/No Pass only.

Merced Off-Campus
9719 Th 08:00a-12:15p Pistoresi, P BRC-122
Comments: Section 9719 is held 04/02/20 and 04/09/20.

MGMT-51F Conflict Resolution
0.5 units: 0.5 hours lec.
This course is designed to introduce participants to the meaning of conflict, the causes of conflict, and strategies for resolving interpersonal conflict as well as dealing with difficult customers. Pass/No Pass only.

Merced Off-Campus
9721 W 08:00a-12:15p Pistoresi, P BRC-122
Comments: Section 9721 is held 04/02/20 and 04/09/20.

MGMT-51G Stress Management
0.5 units: 0.5 hours lec.
This course is designed to acquaint the participant with key elements of stress management. Topics will include the recognition of stress, causes of stress, and the benefits of stress management. Various stress management techniques will be covered. Pass/No Pass only.

Merced Off-Campus
9724 W 08:00a-12:15p Roper, R OFML-ATW
Comments: Section 9724 is held 01/15/20 and 01/22/20. Off Site Location: City of Atwater Community Center - 760 E Bellevue Rd., Atwater, CA 95301.

MGMT-52D Managing Organizational Change
0.5 units: 0.5 hours lec.
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. Topics will include understanding organizational change, stages of change, and how to manage organizational change. Pass/No Pass only.

Merced Off-Campus
9728 W 08:00a-12:15p Roper, R OFML-ATW
Comments: Section 9728 is held 05/06/20 and 05/13/20. Off Site Location: City of Atwater Community Center - 760 E Bellevue Rd., Atwater, CA 95301.

Mathematics (MATH)
MATH-10 Elementary Statistics
3.0 units: 3.0 hours lec.
Prerequisite: Previously taken MATH-C or MATH-D or MATH-88 or MATH-61 or MATH-62 OR MATH-95S and passed with a minimum grade of C; OR Concurrently enrolled in MATH-95S.
Advisory: ENGL-A. 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.

Mariposa
7805 T 05:30p-08:20p Rieg, K MARI-57
Comments: Section 7805 is held at Mariposa High School; 5074 Old Hwy N.; Mariposa, CA; Room 57. Section 7805 requires online assignments. Additional fees apply. For specific textbook/access code please see your instructor. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

Medical - Noncredit (MED)
MED-717 Medical Assisting
0.0 units: .
This entry level course designed for the adult students who desire vocational training in the field of medical assisting. Course instruction includes an overview of the career of medical assisting, knowledge of medical law and ethics, oral and written communication skills, medical terminology, anatomy and physiology, and administrative and clinical office procedures. This course is 960 hours in duration and is open entry format.

Merced Off-Campus
5903 MTWTh 08:00a-04:00p Eighmey, P BRC-220

Psychology (PSYC)
PSYC-01A Introduction to Psychology
3.0 units: 54.0 hours lec.
PSYC-01A is a survey course designed to provide an introduction to the facts and theories underlying human behavior. Special emphasis is given to the following topics: schools of psychology, physiological factors, sensation, perception, motivation, learning, thinking, emotion, abnormal behavior, personality, heredity, environment, and social factors.

Delhi
7704 W 06:00p-08:50p Daniel, M DELH-J4
Comments: Section 7704 is held at Delhi High School; 16881 W Schendel; Room J4; Delhi, CA 95315.

Los Banos Off-Campus
7944 T 06:00p-08:50p OFLL-DPHS
Comments: Section 7944 is held at Dos Palos High School; 1701 E. Blossom St. Room ??; Dos Palos Section 7944 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

Mariposa
7806 M 06:00p-08:50p Allen-Ritter, L MARI-57
Comments: Section 7806 is held at Mariposa High School; 5074 Old Hwy N.; Mariposa, CA; Room 57.
Sociology (SOC)

SOC-01 Introduction to Sociology
3.0 units: 3.0 hours lec.
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. The course begins with the understanding of the differences between personal troubles and public issues, and how sociologist apply various theoretical perspectives to a wide range of issues, such as: culture; socialization; social structure of society; deviance; issues of feminization; family; gender; race; inequality; economics; politics and population; and the relationship between the individual and society. The course accents international comparisons to show how similar institutions are structures and function differently in different societies around the world.

Dos Palos

7950 Th 06:00p-08:50p Deeming, K OFLL-DPHS
Comments: Section 7950 is held at Dos Palos High School; 1701 E. Blossom St. Room ??; Dos Palos Section 7950 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

Sociology - Noncredit (SOCL)

SOCL-760 Career & Life Planning
0.0 units: .
This course is designed for students who function at limited levels of cognitive development. It is designed to help students acquire positive workplace attitudes, skills, and habits. This course is 435 - 455 hours in duration and may require a work experience component.

Los Banos Off-Campus

5915 MTWThF 08:30a-02:30p Huerta, I OFLL-KINGS
Merced Off-Campus

5914 MTWThF 08:45a-02:15p STAFF OFLL-KINGS-ATW

Spanish (SPAN)

SPAN-01 Elementary Spanish I
5.0 units: 5.0 hours lec.
This course will focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency. Students will learn how to express in Spanish the most basic functions of everyday life. This course is not recommended for native speakers - native speakers should enroll in SPAN-10.

Delhi

7705 TTh 03:45p-06:00p Pena, A DELH-B5
Comments: Section 7705 is held at Delhi High School; 16881 Schendel Ave, Room B5; Delhi, CA 95315.

Welding Technology (WELD)

WELD-06 Fundamentals of Oxy-Fuel Welding & Shielded Metal Arc Welding
3.0 units: 36.0 hours lec, 54.0 hours lab.
This course provides clinical experience for application of theoretical principles and concepts covered in previous and current didactic coursework. Clinical experience in patient care and handling, scanning techniques, instrumentation, work efficiency and image evaluation in all areas of general sonography is provided with emphasis in OB-GYN imaging.

Los Banos Off-Campus

9920 MTWTh 08:00a-10:50a OFLL-HBPG
MTWTh 12:00p-04:15p OFLL-HBPG
Section 9920 is held from 02/24/20 to 03/12/20.
Section 9920 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.

This is a Learning Community course which requires registration: DRFT-44-9916, WELD-07-9918, WELD-06-9920.
WELD-07 Fundamentals of TIG & MIG Welding
3.0 units: 36.0 hours lect, 54.0 hours lab.
This course emphasizes the development of minimum skill standards in welding. The Gas Metal Arc Welding (GMAW)/(MIG), Gas Tungsten Arc Welding (GTAW)/(TIG) and Plasma Arc Cutting (PAC) processes are studied as prescribed in the American Welding Society (AWS) Training Qualification (QC 10) entry level standards.

Los Banos Off-Campus
9918 MTWTh 01:00p-02:15p Xiong, F OFLL-HBPG
MTWTh 02:30p-04:35p Xiong, F OFLL-HBPG
Section 9918 is held from 01/13/20 to 02/20/20.
Section 9918 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.
This is a Learning Community course which requires registration in: DRFT-44-9916, WELD-07-9918, WELD-06-9920, WELD-40A-9922, WELD-40B-9924, WELD-46-9926, and WELD-53-4798.

WELD-40A Intro Welding Design & Construction
3.0 units: 36.0 hours lect, 54.0 hours lab.
Prerequisite: Take Weld-07. Minimum Grade C,P.
This course covers basic metal fabrication skills as well as the design and construction of special industrial and agricultural equipment.

Los Banos Off-Campus
9922 MTWTh 08:00a-10:50a Xiong, F OFLL-HBPG
MTWTh 12:00p-04:15p Xiong, F OFLL-HBPG
Section 9922 is held from 03/16/20 to 04/22/20.
Section 9922 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.
This is a Learning Community course which requires registration in: DRFT-44-9916, WELD-07-9918, WELD-06-9920, WELD-40A-9922, WELD-40B-9924, WELD-46-9926, and WELD-53-4798.

WELD-40B Adv Welding Design & Construction
3.0 units: 36.0 hours lect, 54.0 hours lab.
Prerequisite: Take WELD-40A; Minimum grade C,P.
This course is a continuation of WELD 40A. It covers basic and advanced metal fabrication skills as well as the design and construction of special agricultural and industrial equipment.

Los Banos Off-Campus
9924 MTWTh 08:00a-10:15a Xiong, F OFLL-HBPG
MTWTh 10:30a-02:45p Xiong, F OFLL-HBPG
Section 9924 is held from 04/06/20 to 05/07/20.
Section 9924 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.

WELD-46 Advanced Arc Welding Procedure
1.0 units: 3.0 hours lab.
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. Included will be welding assembly print interpretation, weld symbol interpretation, and weld joint preparation. Students will be prepared to take an AWS Welder Certification Test during this course.

Los Banos Off-Campus
9926 MTWTh 08:00a-09:20a Xiong, F OFLL-HBPG
Section 9926 is held from 05/11/20 to 05/21/20.
Section 9926 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.
This is a Learning Community course which requires registration in: DRFT-44-9916, WELD-07-9918, WELD-06-9920, WELD-40A-9922, WELD-40B-9924, WELD-46-9926, and WELD-53-4798.

WELD-53 Fabrication Equipment Operation and Safety
2.0 units: 1.0 hours lec, 3.0 hours lab.
This course is an introduction to the welding program. It gives students the opportunity to familiarize themselves with commonly used equipment in industry. In addition to familiarizing themselves with industry standard equipment, they will be trained in lab procedure which will ensure students in more advanced classes can use the equipment without reserve.

Los Banos Off-Campus
4798 M 07:00a-07:50a Xiong, F OFLL-HBPG
TWTh 07:00a-07:50a Xiong, F OFLL-HBPG
Comments: Section 4798 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.
9944 MW 05:30p-06:20p Xiong, F OFLL-HBPG
MW 06:30p-09:20p Xiong, F OFLL-HBPG
Comments: Section 9944 is held from 01/13/20 to 02/28/20.
Section 9944 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.

Work Experience (WORK)
WORK-40 General Work Experience
1.0 units:
This course will enable students to earn college credit for learning or improving skills or knowledge while working. Any type of work is suitable, either paid or volunteer. This course will allow students to sample an experience in a career field that is not related to the student’s major. A student may not enroll in any more than 16 units of any cooperative work experience course at Merced College. Seventy-five hours of cooperative
work experience (or 60 hours volunteer work) equals 1 unit of cooperative work experience credit.

Dos Palos

3073 - Hunger, J  
Comments: **INSTRUCTOR SIGNATURE REQUIRED**  
Students registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 1 unit course is designed for students will work 60 volunteer or 75 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study.

3074 - Hunger, J  
Comments: **INSTRUCTOR SIGNATURE REQUIRED**  
Students registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 2 unit course is designed for students will work 120 volunteer or 150 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

3075 - Hunger, J  
Comments: Students registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 3 unit course is designed for students will work 180 volunteer or 225 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; cooperative work experience is available for students working in a major related to their field of study. Please visit the Career Center for information on cooperative work experience courses.