














# TABLE OF CONTENTS

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#### CAMPUS MAP SYMBOLS

-  = Accessible Bus Stop
-  = Accessible Parking
-  = Bicycle Parking
-  = Campus Police
-  = Code Blue Emergency Phone
-  = Electric Vehicle Charging Section
-  = Food Services
-  = Health Services
-  = Map
-  = Parking Dispensers
-  = Parking Lot
-  = Pedestrian Pathway
-  = Visitor / Short-term Parking

#### MERCED COLLEGE CAMPUS BUILDINGS

- ADMIN** Administration Building
- AG** Agriculture Building
- AGP** Agriculture Pavilion and Barns
- AHC** Allied Health Center
- ART** Art Building
- CDC** Child Development Center
- CP** Central Plant
- FH** Fieldhouses:
  - A - Pool, Training Room and Fitness Lab (FHA)
  - B - Baseball
  - C - Football
- GYM** Gymnasium
- IAC** Interdisciplinary Academic Center:
  - Building A - Social Science
  - Building B - Educational Technology Training Center
  - Building C - Humanities
- IT** Industrial Technology Building
- LES** Leshner Student Services Center
- LRC** Library Resource Center
- MA** Mechanized Agriculture
- MUS** Music Building
- OP** Purchasing, Capital Planning, Custodial, Maintenance, Grounds and Transportation
- PD** Campus Police
- PS** Plant Science
- PSC** Public Safety Complex
- SB** Service Building
- SCI** Science Building
- SSSC** Student Success & Tutorial Center
- STU** Student Union
- THTR** Theater Building
- VOC** Vocational Building

# 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.

The Steps	Recommended way to complete step	Other ways to complete step	Who needs to complete this step
<b>1) New and Returning Students</b>			
<b>A) Application</b>	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.	You can go to the Welcome Center in the Leshar Building, Room 102 (lower level) for assistance with the application. Los Banos Students: Welcome Center, Building A	New & Returning students
<b>B) Placement Questionnaire</b>	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 Leshar 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, ( <a href="http://www.mccd.edu/getstarted/placement-faq.html">http://www.mccd.edu/getstarted/placement-faq.html</a> ). Los Banos Students: Welcome Center, Building A	New & Returning students
<b>C) Orientation</b>	Complete online orientation at <a href="http://www.mccd.edu">www.mccd.edu</a> . To access the orientation click on Welcome Students Get Started Here and then click on Apply Today. Complete step 2.	You may also complete orientation on campus during the Open Lab session.	New & Returning students
<b>D) Set up MC4me Student portal account</b>	At <a href="http://www.mccd.edu">www.mccd.edu</a> , click on Welcome Students Get Started Here. Click on Apply Today and choose 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
<b>E) Obtain ID card</b>	Available at the Admissions and Records Office on the 2nd floor of the Leshar 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
<b>F) New Student Planning Session</b>	At <a href="http://www.mccd.edu">www.mccd.edu</a> click on Welcome New Students Get Started Here and then click on Apply Today. Next, select step 4.	Call Merced College at (209) 384-6000-select option 8. Call Los Banos at (209) 826-3495 or (209) 381-6411.	New & Returning students
<b>2) Register for Classes</b>	Online through your MC4me portal account. For technical help, call Student Help Desk at 209-381-6565. A helpful resource on how to register online and the Merced College English and Math Course Sequence charts are available at <a href="http://www.mccd.edu">www.mccd.edu</a> . Click on New and Returning Students and scroll to step 4 for the links.	You can go to the Welcome Center in the Leshar Building, Room 102 (lower level) for assistance. Los Banos Campus: Building A Student Services window.	All students
<b>3) Pay Fees</b>	Online through your MC4me student portal account at <a href="http://www.mccd.edu/makeapayment">www.mccd.edu/makeapayment</a>	In person at the Leshar Student Services Center, Student Fees Office, 3rd floor or the Los Banos Campus, Student Fees window, Building A	All registered students

# ONLINE REGISTRATION

## 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.

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

Note 2: If you want to register in a course which has a prerequisite you have not met, you must file a Prerequisite Challenge Form and supporting documentation at the time of registration. Counselors can assist in this process if you need help.

Note 3: Telephone registration is no longer available.

## NEW AND FORMER STUDENTS

New and former students must complete the 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

or



### 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.



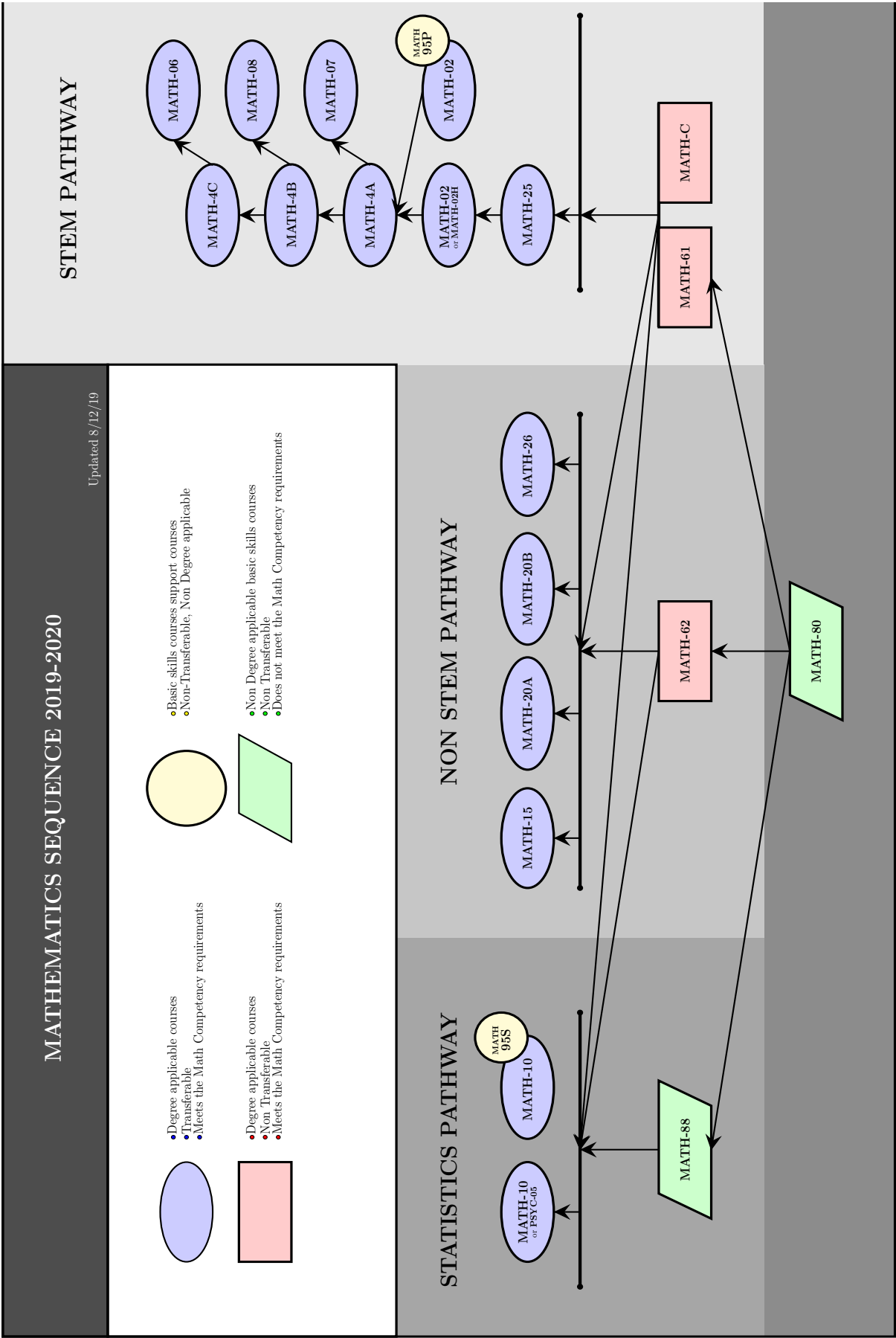
### English 85 AC

*Face to Face*

***ENGL 85AC → ENGL 01A***

This is 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



# REGISTRATION GROUP DATES

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

<b>GROUP 1</b>	Registration begins	Wednesday October 9, 2019	Students who are qualifying Foster Youth or former Foster Youth <sup>1</sup> , or Homeless Youth <sup>2</sup> at Merced College OR Students who are qualifying Veterans, or students who are receiving services from EOPS, DSPS, CalWORKs or Tribal TANF and who: <ul style="list-style-type: none"> <li>• 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</li> <li>• have completed less than 100 degree applicable units at Merced College</li> <li>• do not have 2 or more continuous semesters of probation at Merced College immediately prior to semester enrolling</li> </ul>
<b>GROUP 2A</b>	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: <ul style="list-style-type: none"> <li>• have completed orientation, assessment, and developed a student comprehensive education plan at Merced College</li> <li>• have completed less than 100 degree applicable units at Merced College</li> <li>• do not have 2 or more continuous semesters of probation at Merced College immediately prior to semester enrolling</li> </ul>
<b>GROUP 2B</b>	Registration begins	Wednesday October 16, 2019	New students, including graduating high school seniors, who: <ul style="list-style-type: none"> <li>• 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</li> </ul>
<b>GROUP 2C</b>	Registration begins	Monday October 21, 2019	Returning students and all other continuing students at Merced College prior to semester enrolling and who: <ul style="list-style-type: none"> <li>• 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</li> <li>• have completed less than 100 degree applicable units at Merced College</li> <li>• do not have 2 or more continuous semesters of probation at Merced College immediately prior to semester enrolling</li> </ul>
<b>Open Registration</b>	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.)

<sup>1</sup> 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 Leshner 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



# SPRING 2020 FEES

Enrollment fees are due at the time of registration. Payments can be made online through the Merced College student portal at [www.mccd.edu/makeapayment](http://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 Leshner 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.**

Enrollment Fee ..... \$46 per unit  
 Health Fee\* ..... \$21.00  
 Parking Fee ..... auto \$20.00; or \$1.00 per day

Student Rep Fee\*\* ..... \$1.00  
 Student Body Fee\*\*\* ..... \$5.00

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 CADA 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

## MERCED 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, Room1 (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**

# SPRING 2020 CALENDAR and IMPORTANT DATES

## JANUARY 2020

S	M	T	W	TH	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

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

## APRIL 2020

S	M	T	W	TH	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

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

## FEBRUARY 2020

S	M	T	W	TH	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

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

## MAY 2020

S	M	T	W	TH	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

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

## MARCH 2020

S	M	T	W	TH	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

MID-SESSION BEGINS, MARCH 16

## JUNE 2020

S	M	T	W	TH	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

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

## SPRING 2020

SPRING 2020 Semester registration begins.....	October 9, 2019
SPRING 2020 SEMESTER INSTRUCTION BEGINS.....	January 13, 2020
Adds <b>require</b> instructor's signature (for 18 week classes).....	January 13, 2020
Refund deadline for 18 week classes.....	January 26, 2020
<i>For all other classes, you must drop the day before 10% of the class meetings</i>	
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
<i>For all other classes, you must drop the day before 20% of the class meetings</i>	
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
<i>Adds require instructor's signature beginning first day of the term</i>	
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
<i>For all other classes, you must drop the day before 75% of the class meetings</i>	
Final Exams.....	May 18-22, 2020
End of SPRING 2020 Semester.....	May 22, 2020
Memorial Day - campus closed .....	May 25, 2020

Calendar dates are subject to revision.

# SPRING 2020 FINALS SCHEDULE

table format

- INSTRUCTIONS:**
- 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.
- All exams must be proctored by a certified instructor.
- All final exams take place in their regularly scheduled class rooms.
- 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.
- Saturday classes will have their final exam during normal class meetings on Saturday, May 16, 2020.
- Lab finals will be given the previous week during the regular lab period.

A	B	C	D	E	F
FINAL EXAM TIME	Monday May 18, 2020	Tuesday May 19, 2020	Wednesday May 20, 2020	Thursday May 21, 2020	Friday May 22, 2020
07:00a–08:50a	DAILY 07:00a–07:50a MWF 07:00a–07:50a MW 07:00a–07:50a M only 07:00a–08:50a	MTWTh 07:00a–07:50a T only 07:00a–08:50a		TTh 07:00a–08:50a Th only 07:00a–08:50a	MTWThF 07:00a–07:50a F only 07:00a–08:50a
08:00a–09:50a			DAILY 07:55a–08:50a MWF 07:55a–08:50a MW 07:55a–08:50a MTWTh 07:55a–08:50a MTWThF 07:55a–08:50a MWThF 07:55a–08:50a W only 07:00a–08:50a		
09:00a–10:50a	DAILY 08:55a–09:50a MWF 08:55a–09:50a MW 08:55a–09:50a MTh 08:00a–09:50a MTWTh 08:55a–09:50a M only 08:55a–10:50a	TTh 08:55a–10:40a T only 08:55a–10:50a		Th only 08:55a–10:50a TTh 10:45a–12:05p	WF 08:55a–09:50a MTWThF 08:55a–09:50a F only 08:55a–10:50a MWThF 08:55a–09:50a
10:00a–11:50a			DAILY 09:55a–10:50a MWF 09:55a–10:50a MW 09:55a–10:50a MTWTh 09:55a–10:50a MTWThF 09:55a–10:50a W only 08:55a–10:50a MWThF 09:55a–10:50a		
11:00a–12:50p	DAILY 10:55a–11:50a MWF 10:55a–11:50a MW 10:55a–11:50a MTWTh 10:55a–11:50a M only 10:55a–12:50p MWThF 10:55a–11:50a	MTWTh 10:55a–11:50a T only 10:55a–12:50p		Th only 10:55a–12:50p TTh 12:10p–12:50p	WF, MTWThF 11:55a–12:50p F only 10:55a–12:50p
12:00p–01:50p			DAILY 11:55a–12:50p MWF 11:55a–12:50p MW 11:55a–12:50p MTWTh 11:55a–12:50p W only 10:55a–12:50p MWThF 11:55a–12:50p		
01:00p–02:50p	DAILY 12:55p–01:50p MWF 12:55p–01:50p MW 12:55p–01:50p MTWTh 12:55p–01:50p M only 12:55p–02:50p	T only 12:55p–02:50p TTh 12:55p–02:50p		Th only 12:55p–02:50p CONFLICTS	MTWThF 12:55p–01:50p F only 12:55p–02:50p MWThF 12:55p–01:50p
02:00p–03:50p			DAILY 01:50p–02:50p MWF 01:50p–02:50p MW 01:50p–02:50p MTWTh 01:55p–02:50p MTWThF 01:55p–02:50p W only 12:55p–02:50p MWThF 01:55p–02:50p		
03:00p–04:50p	DAILY 03:55p–04:50p MWF 03:55p–04:50p MW 03:55p–04:50p MTWTh 03:55p–04:50p M only 02:55p–04:50p	MTWTh 02:55p–03:50p MTWThF 02:55p–03:50p T only 02:55p–04:50p TTh 02:55p–04:50p		Th only 02:55p–04:50p CONFLICTS	MTWThF 03:55p–04:50p F only 02:55p–04:50p MWThF 03:55p–04:50p
04:00p–05:50p			DAILY 02:55p–03:50p MWF 02:55p–03:50p MW 02:55p–03:50p W only 02:55p–04:50p MWThF 02:55p–03:50p		
05:00p–06:50p	MWF 04:55p–05:50p MW 04:55p–05:50p MTWThF 04:55p–05:50p MTWTh 04:55p–05:50p M only 04:55p–06:50p MWThF 04:55p–05:50p	T only 04:55p–06:50p TTh 04:55p–06:50p		Th only 04:55p–06:50p CONFLICTS	F only 04:55p–06:50p MWThF 05:55p–06:50p CONFLICTS
06:00p–07:50p			MWF 05:55p or later MW 05:55p or later W only 04:55p–06:50p MTWThF 06:55p–07:50p W only 06:55p or later		
07:00p–08:50p	MTWTh 05:55p or later MTWThF 05:55p or later M only 06:55p or later	MTWTh 07:55p or later T only 06:55p or later TTh 06:55p or later		Th only 06:55p or later CONFLICTS	F only 06:55p or later MWThF 06:55p–07:50p CONFLICTS

# SPRING 2020 FINALS SCHEDULE

## spreadsheet format

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.

A	B	C	D
Class Meets	Starting Time Interval	Final Exam Date	Final Exam Time
DAILY	07:00a–07:50a	May 18, 2020 (M)	07:00a–08:50a
DAILY	07:55a–08:50a	May 20, 2020 (W)	08:00a–09:50a
DAILY	08:55a–09:50a	May 18, 2020 (M)	09:00a–10:50a
DAILY	09:55a–10:50a	May 20, 2020 (W)	10:00a–11:50a
DAILY	10:55a–11:50a	May 18, 2020 (M)	11:00a–12:50p
DAILY	11:55a–12:50p	May 20, 2020 (W)	12:00p–01:50p
DAILY	12:55p–01:50p	May 18, 2020 (M)	01:00p–02:50p
DAILY	01:50p–02:50p	May 20, 2020 (W)	02:00p–03:50p
DAILY	02:55p–03:50p	May 20, 2020 (W)	04:00p–05:50p
DAILY	03:55p–04:50p	May 18, 2020 (M)	03:00p–04:50p
MWF	07:00a–07:50a	May 18, 2020 (M)	07:00a–08:50a
MWF	07:55a–08:50a	May 20, 2020 (W)	08:00a–09:50a
MWF	08:55a–09:50a	May 18, 2020 (M)	09:00a–10:50a
MWF	09:55a–10:50a	May 20, 2020 (W)	10:00a–11:50a
MWF	10:55a–11:50a	May 18, 2020 (M)	11:00a–12:50p
MWF	11:55a–12:50p	May 20, 2020 (W)	12:00p–01:50p
MWF	12:55p–01:50p	May 18, 2020 (M)	01:00p–02:50p
MWF	01:50p–02:50p	May 20, 2020 (W)	02:00p–03:50p
MWF	02:55p–03:50p	May 20, 2020 (W)	04:00p–05:50p
MWF	03:55p–04:50p	May 18, 2020 (M)	03:00p–04:50p
MWF	04:55p–05:50p	May 18, 2020 (M)	05:00p–06:50p
MWF	05:55p or later	May 20, 2020 (W)	06:00p–07:50p
MW	07:00a–07:50a	May 18, 2020 (M)	07:00a–08:50a
MW	07:55a–08:50a	May 20, 2020 (W)	08:00a–09:50a
MW	08:55a–09:50a	May 18, 2020 (M)	09:00a–10:50a
MW	09:55a–10:50a	May 20, 2020 (W)	10:00a–11:50a
MW	10:55a–11:50a	May 18, 2020 (M)	11:00a–12:50p
MW	11:55a–12:50p	May 20, 2020 (W)	12:00p–01:50p
MW	12:55p–01:50p	May 18, 2020 (M)	01:00p–02:50p
MW	01:50p–02:50p	May 20, 2020 (W)	02:00p–03:50p
MW	02:55p–03:50p	May 20, 2020 (W)	04:00p–05:50p
MW	03:55p–04:50p	May 18, 2020 (M)	03:00p–04:50p
MW	04:55p–05:50p	May 18, 2020 (M)	05:00p–06:50p
MW	05:55p or later	May 20, 2020 (W)	06:00p–07:50p
MTh	08:00a–09:50a	May 18, 2020 (M)	09:00a–10:50a
MTWTh	07:00a–07:50a	May 19, 2020 (T)	07:00a–08:50a
MTWTh	07:55a–08:50a	May 20, 2020 (W)	08:00a–09:50a
MTWTh	08:55a–09:50a	May 18, 2020 (M)	09:00a–10:50a
MTWTh	09:55a–10:50a	May 20, 2020 (W)	10:00a–11:50a
MTWTh	10:55a–11:50a	May 18, 2020 (M)	11:00a–12:50p
MTWTh	11:55a–12:50p	May 20, 2020 (W)	12:00p–01:50p
MTWTh	12:55p–01:50p	May 18, 2020 (M)	01:00p–02:50p
MTWTh	01:55p–02:50p	May 20, 2020 (W)	02:00p–03:50p
MTWTh	02:55p–03:50p	May 19, 2020 (T)	03:00p–04:50p
MTWTh	03:55p–04:50p	May 18, 2020 (M)	03:00p–04:50p
MTWTh	04:55p–05:50p	May 18, 2020 (M)	05:00p–06:50p
MTWTh	05:55p or later	May 18, 2020 (M)	07:00p–08:50p
TTh	07:00a–08:50a	May 21, 2020 (Th)	07:00a–08:50a
TTh	08:55a–10:40a	May 19, 2020 (T)	09:00a–10:50a
TTh	10:45a–12:05p	May 21, 2020 (Th)	09:00a–10:50a
TTh	12:10p–12:50p	May 21, 2020 (Th)	11:00a–12:50p
TTh	12:55p–02:50p	May 19, 2020 (T)	01:00p–02:50p
TTh	02:55p–04:50p	May 19, 2020 (T)	03:00p–04:50p
TTh	04:55p–06:50p	May 19, 2020 (T)	05:00p–06:50p
TTh	06:55p or later	May 19, 2020 (T)	07:00p–08:50p
Th only	07:00a–08:50a	May 21, 2020 (Th)	07:00a–08:50a
Th only	08:55a–10:50a	May 21, 2020 (Th)	09:00a–10:50a
Th only	10:55a–12:50p	May 21, 2020 (Th)	11:00a–12:50p
Th only	12:55p–02:50p	May 21, 2020 (Th)	01:00p–02:50p
Th only	02:55p–04:50p	May 21, 2020 (Th)	03:00p–04:50p
Th only	04:55p–06:50p	May 21, 2020 (Th)	05:00p–06:50p
Th only	06:55p or later	May 21, 2020 (Th)	07:00p–08:50p

A	B	C	D
Class Meets	Starting Time Interval	Final Exam Date	Final Exam Time
MTWF	07:00a–07:50a	May 22, 2020 (F)	07:00a–08:50a
MTWF	07:55a–08:50a	May 20, 2020 (W)	08:00a–09:50a
MTWF	08:55a–09:50a	May 22, 2020 (F)	09:00a–10:50a
MTWF	09:55a–10:50a	May 20, 2020 (W)	10:00a–11:50a
MTWF	10:55a–11:50a	May 19, 2020 (T)	11:00a–12:50p
MTWF	11:55a–12:50p	May 22, 2020 (F)	11:00a–12:50p
MTWF	12:55p–01:50p	May 22, 2020 (F)	01:00p–02:50p
MTWF	01:55p–02:50p	May 20, 2020 (W)	02:00p–03:50p
MTWF	02:55p–03:50p	May 19, 2020 (T)	03:00p–04:50p
MTWF	03:55p–04:50p	May 22, 2020 (F)	03:00p–04:50p
MTWF	04:55p–05:50p	May 18, 2020 (M)	05:00p–06:50p
MTWF	05:55p–06:50p	May 18, 2020 (M)	07:00p–08:50p
MTWF	06:55p–07:50p	May 20, 2020 (W)	06:00p–07:50p
MTWF	07:55p or later	May 19, 2020 (T)	07:00p–08:50p
MWThF	07:55a–08:50a	May 20, 2020 (W)	08:00a–09:50a
MWThF	08:55a–09:50a	May 22, 2020 (F)	09:00a–10:50a
MWThF	09:55a–10:50a	May 20, 2020 (W)	10:00a–11:50a
MWThF	10:55a–11:50a	May 18, 2020 (M)	11:00a–12:50p
MWThF	11:55a–12:50p	May 20, 2020 (W)	12:00p–01:50p
MWThF	12:55p–01:50p	May 22, 2020 (F)	01:00p–02:50p
MWThF	01:55p–02:50p	May 20, 2020 (W)	02:00p–03:50p
MWThF	02:55p–03:50p	May 20, 2020 (W)	04:00p–05:50p
MWThF	03:55p–04:50p	May 22, 2020 (F)	03:00p–04:50p
MWThF	04:55p–05:50p	May 18, 2020 (M)	05:00p–06:50p
MWThF	05:55p–06:50p	May 22, 2020 (F)	05:00p–06:50p
MWThF	06:55p–07:50p	May 22, 2020 (F)	07:00p–08:50p
WF	08:55a–09:50a	May 22, 2020 (F)	09:00a–10:50a
WF	11:55a–12:50p	May 22, 2020 (F)	11:00a–12:50p
M only	07:00a–08:50a	May 18, 2020 (M)	07:00a–08:50a
M only	08:55a–10:50a	May 18, 2020 (M)	09:00a–10:50a
M only	10:55a–12:50p	May 18, 2020 (M)	11:00a–12:50p
M only	12:55p–02:50p	May 18, 2020 (M)	01:00p–02:50p
M only	02:55p–04:50p	May 18, 2020 (M)	03:00p–04:50p
M only	04:55p–06:50p	May 18, 2020 (M)	05:00p–06:50p
M only	06:55p or later	May 18, 2020 (M)	07:00p–08:50p
T only	07:00a–08:50a	May 19, 2020 (T)	07:00a–08:50a
T only	08:55a–10:50a	May 19, 2020 (T)	09:00a–10:50a
T only	10:55a–12:50p	May 19, 2020 (T)	11:00a–12:50p
T only	12:55p–02:50p	May 19, 2020 (T)	01:00p–02:50p
T only	02:55p–04:50p	May 19, 2020 (T)	03:00p–04:50p
T only	04:55p–06:50p	May 19, 2020 (T)	05:00p–06:50p
T only	06:55p or later	May 19, 2020 (T)	07:00p–08:50p
W only	07:00a–08:50a	May 20, 2020 (W)	08:00a–09:50a
W only	08:55a–10:50a	May 20, 2020 (W)	10:00a–11:50a
W only	10:55a–12:50p	May 20, 2020 (W)	12:00p–01:50p
W only	12:55p–02:50p	May 20, 2020 (W)	02:00p–03:50p
W only	02:55p–04:50p	May 20, 2020 (W)	04:00p–05:50p
W only	04:55p–06:50p	May 20, 2020 (W)	06:00p–07:50p
W only	06:55p or later	May 20, 2020 (W)	06:00p–07:50p
Th only	07:00a–08:50a	May 21, 2020 (Th)	07:00a–08:50a
Th only	08:55a–10:50a	May 21, 2020 (Th)	09:00a–10:50a
Th only	10:55a–12:50p	May 21, 2020 (Th)	11:00a–12:50p
Th only	12:55p–02:50p	May 21, 2020 (Th)	01:00p–02:50p
Th only	02:55p–04:50p	May 21, 2020 (Th)	03:00p–04:50p
Th only	04:55p–06:50p	May 21, 2020 (Th)	05:00p–06:50p
Th only	06:55p or later	May 21, 2020 (Th)	07:00p–08:50p
CONFLICTS		May 21, 2020 (Th)	01:00a–02:50p
CONFLICTS		May 21, 2020 (Th)	03:00p–04:50p
CONFLICTS		May 21, 2020 (Th)	05:00p–06:50p
CONFLICTS		May 21, 2020 (Th)	07:00p–08:50p
CONFLICTS		May 22, 2020 (F)	05:00p–06:50p
CONFLICTS		May 22, 2020 (F)	07:00p–08:50p

## INFORMATION

Section Number	Days	Time	Instructor	Room
001	Monday	9:00-10:00	Dr. Smith	Room 101
002	Tuesday	10:00-11:00	Dr. Jones	Room 102
003	Wednesday	11:00-12:00	Dr. Brown	Room 103
004	Thursday	12:00-13:00	Dr. Green	Room 104
005	Friday	13:00-14:00	Dr. White	Room 105
006	Saturday	14:00-15:00	Dr. Black	Room 106
007	Sunday	15:00-16:00	Dr. Grey	Room 107

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-31 Computerized Accounting

2.0 units: 1.0 hours lec,

3.0 hours lab. Prerequisite: Take ACTG-04A or ACTG-51. Minimum grade C,P;

This course provides instruction in computer-assisted accounting. Topics include general ledger setup, accounts receivable setup, accounts payable setup, transactions and reports, financial statement analysis, depreciation, and payroll.

#### Merced Campus

6051	Th	05:30p-06:30p	Kekahuna, P	VOC-114
	Th	06:30p-09:20p	Kekahuna, P	VOC-114
Comments: Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.				

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
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### 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		

#### Merced Campus





1478	MW	10:30a-11:30a	Zdanowski, M	VOC-114
	MW	11:30a-12:45p	Zdanowski, M	VOC-114
Comments: Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.				
1957	MW	08:00a-09:00a	Ahmadi, A	VOC-113
	MW	09:00a-10:15a	Ahmadi, A	VOC-113
Comments: Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.				
1958	MW	08:00a-09:00a	Blackmore, C	VOC-114
	MW	09:00a-10:15a	Blackmore, C	VOC-114
Comments: Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.				
1967	MW	01:00p-02:00p	Abbott, D	VOC-114
	MW	02:00p-03:15p	Abbott, D	VOC-114
Comments: Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.				
6007	MW	05:30p-06:30p	Kekahuna, P	VOC-115
	MW	06:30p-07:45p	Kekahuna, P	VOC-115
Comments: Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.				
9082	MTWTh	12:00p-01:00p	Garcia Martinez, J	VOC-115
	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-30-9082, 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-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 <a href="mailto:cynthia.blackmore@mccd.edu">cynthia.blackmore@mccd.edu</a> . 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





- 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.
- 9199 MTWTh 09:00a-11:25a Pirtle, T VOC-115  
Comments: Section 9199 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 VOC-115  
Comments: Section 9157 is held 03/16/20 to 05/12/20. 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.
- 9158 MTWTh 08:00a-08:50a Garcia Martinez, J VOC-115  
Comments: Section 9158 is held 03/16/20 to 05/12/20. Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

### AOM-59A (Medical Coding and Billing)

4.0 units: 4.0 hours lec.

This course will enable the student to develop a basic knowledge of the national diagnostic and procedural coding systems and to simplify the process of filing claim forms. The student will be introduced to the major medical insurance programs, reimbursement, privacy rules, HIPAA, basic understanding of legal and regulatory considerations. The student will be able to identify and define medical terminology and abbreviations used in the outpatient setting.

#### Merced Campus

- 6052 T 05:30p-09:20p Carvalho, S VOC-141  
Comments: Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

## Ag Business (AGBS)

### AGBS-11 Agricultural Economics

3.0 units: 3.0 hours lec.

This course includes the analysis of the microeconomic principles of supply and demand and the affects on producers and consumers. This class will explore the contemporary and historical place of agriculture and farmers in our economic, social, and political systems and their relationship to the consuming public.

#### Merced Campus

- 1990 MWF 11:00a-11:50a Donaher, K AG-11  
Comments: Web Component which will require you to have internet access.

### AGBS-12 (Agricultural Accounting)

3.0 units: 3.0 hours lec.

This course will focus on the principles of agricultural accounting systems, types of records, their use, and how to compute and use measures of earnings and costs of production to improve agribusiness efficiency.

#### Merced Campus

- 1002 MWF 12:00p-12:50p Donaher, K AG-11  
Comments: Web Component which will require you to have internet access.

### 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



- 3113 - Brown, 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-work40-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.
- 3114 - Brown, 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-work40-class.html>. 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.
- 3115 - Brown, 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-work40-class.html>. 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.
- 3116 - Brown, 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-work40-class.html>. 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.

**ALLH-63 Nurse Assistant**

6.0 units: 3.5 hours lec,

7.5 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 measures, 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 La 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 La Sierra Care Center, 2424 M St, Merced or Anberry Nursing & Rehab, 1685 Shaffer Rd, Atwater and includes a 30 minute

- lunch break.
- 6150 Th 05:30p-08:50p Reid, E AHC-130  
F 07:30a-04:10p Reid, E OFML-HOSP  
Comments: ALLH 63 requires a mandatory orientation. Go to <http://www.mccd.edu/academics/alliedhealth/nurse-assistant/index.html> for more information. Section 6150 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.
- 6151 Th 05:30p-08:50p Reid, E AHC-130  
F 07:30a-04:10p Dickens, A OFML-HOSP  
Comments: ALLH 63 requires a mandatory orientation. Go to <http://www.mccd.edu/academics/alliedhealth/nurse-assistant/index.html> for more information. Section 6151 Nursing Assistant 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.

**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/alliedhealth/nurse-assistant> for more information. Section 8036 Lab includes a 30 minute lunch break. Section 8036 Lab will meet from 01/14/20 to 01/31/20 in LB-B-138. Beginning 02/01/20 this section will meet at the New Bethany Skilled Nursing Facility; 1441 Berkeley Dr.; Los Banos. Section 8031 Lab does not meet on 02/15/20, 04/11/20, and 04/18/20.

**ALLH-67 Medical Terminology**

3.0 units: 54.0 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**

- 1714 T 02:00p-04:50p Provencio, G AHC-130  
1715 F 08:00a-10:50a Roe, L AHC-124  
2378 T 05:30p-07:00p Provencio, G AHC-139  
Comments: ORIENTATION: January 14, 2020; 05:30p-07:00p; AHC 139. IN-CLASS SESSIONS: February 4, 18; March 17; April 21; May 5, 2019; 05:30p-07:00p; AHC 139. FINAL EXAM: May 21, 2019; 05:30p-07:15p; AHC 130. COMMENT: 43.5 hours total lecture will be done online.

- 6152 W 07:00p-09:50p Barber, R AHC-124

**Los Banos Campus**

- 8038 W 07:00p-09:50p Fragasso, G LB-B-111

**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, including major grammatical components, basic ASL sentence structures, non-manual gestures, expression of spatial relationships in a visual-gestural language, and beginning 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 Language 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 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**

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 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.

### 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
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## Art (ART)

### ART-01 Art History: Ancient Through Gothic

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 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	08:00a-10:50a	Cooper, T	LB-B-107
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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
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**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**

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
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**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**

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-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

**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
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**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
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**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

**Art - Digital (ARTD)****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
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**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 art-works 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-40 classes requires that students provide their own DSLR or point and shoot digital camera and pay a \$30 materials fee.				
6142	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-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-41 classes 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-42 classes 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**

1893	MW	10:30a-11:20a	Perlin, A	ART-8
	MW	11:30a-12:45p	Perlin, A	ART-8
Comments: ARTD-42 classes require that students provide their own DSLR or point and shoot digital camera.				

**Arts - Noncredit (ARTS)****ARTS-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
<b>Merced Off-Campus</b>				
5613	M	06:30p-09:30p	Vanderslik, G	OFML-MARIP

**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	TWTh	05:00p-08:30p	McCue-Bryx, L	THTR-STG
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**Astronomy (ASTR)****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-01 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

**Athletics (ATHL)****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





## 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 teaches 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
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## 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-02D Off-Season Cond't 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
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## 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	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-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





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-04. This is a class in the principles and theory of engine repair and rebuilding including the disassembly and assembly of engines. There will be emphasis on inspection, measuring, and comparing worn and rebuilt parts. 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-08:50a Gregory, A IT-4A  
 MTWTh 09:25a-12:35p 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.

9400 MTWTh 12:00p-12:50p Gregory, A IT-4A  
 MTWTh 01:05p-04:15p Gregory, A IT-4A  
 Comments: Web Component which will require you to have internet access.

### 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.

#### 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 additional fee for materials.

### 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.

#### Merced Campus

6024 MT 05:30p-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.

9405 MTWTh 08:00a-09:25a Gregory, A IT-4A  
 MTWTh 09:40a-11:05a Gregory, A IT-4A  
 Comments: Section 9405 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-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.

#### 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-63 Basic Auto Electronics for Technicians

4.0 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-66 Automotive Parts and Service Advising

3.0 units: 45.0 hours lec,  
 27.0 hours lab. This course will cover the duties and responsibilities of automotive parts and service advisors working at independent and dealership-based stores. Course content will include service and parts merchandising and communication skills, integrated computer management software, cost estimation, enhancing customer satisfaction, scheduling, inventory control, hazardous materials, warranties, lemon laws and documentation requirements.

#### Merced Campus

6253 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 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.

**Merced Campus**

1552	MWF	10:00a-10:50a	Coburn, C	SCI-111
	M	11:00a-01:50p	Albano, V	SCI-112
1553	MWF	10:00a-10:50a	Coburn, C	SCI-111
	W	11:00a-01:50p	Albano, V	SCI-112
1555	MWF	10:00a-10:50a	Coburn, C	SCI-111
	F	11:00a-01:50p	Ratley, S	SCI-112
1556	TTh	08:00a-09:15a	Reed, E	SCI-205
	F	08:00a-10:50a	Reed, E	SCI-112
1568	TTh	09:30a-10:45a	White, S	SCI-202
	T	11:00a-01:50p	White, S	SCI-112
1569	TTh	09:30a-10:45a	White, S	SCI-202
	Th	11:00a-01:50p	White, S	SCI-112
1570	TTh	11:00a-12:15p	Gomez Daglio, L	SCI-111
	T	08:00a-10:50a	Gomez Daglio, L	SCI-112
1571	TTh	11:00a-12:15p	Gomez Daglio, L	SCI-111
	T	02:00p-04:50p	Schneider, B	SCI-112
1572	TTh	11:00a-12:15p	Gomez Daglio, L	SCI-111
	Th	08:00a-10:50a	Gomez Daglio, L	SCI-112
1574	TTh	12:30p-01:45p	Crombie, K	SCI-205
	Th	02:00p-04:50p	Crombie, K	SCI-112
2341	M	08:00a-10:50a	Estrella, C	SCI-112

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.

2347	W	08:00a-10:50a	Estrella, C	SCI-112
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 2356 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.				
2355	M	02:00p-04:50p	Modafferi, E	SCI-112
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.				
2356	W	02:00p-04:50p	Modafferi, E	SCI-112
Comments: CONTACT: edward.modafferi@mccd.edu IN-CLASS SESSIONS: Lab; Wednesdays; 02:00p-04:50p; SCI-112. COMMENTS: 3 Lecture hours per week will be held online. Section 2355 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.				
6096	MW	05:30p-06:45p	Williams, J	SCI-111
	M	07:00p-09:50p	Williams, J	SCI-112
6131	TTh	05:30p-06:45p	Goodfellow, K	SCI-111
	T	07:00p-09:50p	Goodfellow, K	SCI-112
6132	TTh	05:30p-06:45p	Goodfellow, K	SCI-111
	Th	07:00p-09:50p	Goodfellow, K	SCI-112

**Los Banos 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.

**Merced Campus**

1541	MWF	09:00a-09:50a	Touma, C	SCI-111
	M	11:00a-01:50p	Touma, C	SCI-113
1542	MWF	09:00a-09:50a	Touma, C	SCI-111
	W	11:00a-01:50p	Touma, C	SCI-113
1544	MWF	09:00a-09:50a	Touma, C	SCI-111
	F	11:00a-01:50p	Albano, V	SCI-115
1975	MWF	11:00a-11:50a	Macias, M	VOC-140
	W	08:00a-10:50a	Macias, M	SCI-113
1981	TTh	12:30p-01:45p	Coburn, C	SCI-111
	T	02:00p-04:50p	Coburn, C	SCI-115
1982	TTh	12:30p-01:45p	Coburn, C	SCI-111
	Th	02:00p-04:50p	Coburn, C	SCI-115
6439	TTh	05:30p-06:45p	Williams, J	SCI-111
	T	07:00p-09:50p	Williams, J	SCI-111

**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
	Th	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-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.

**Merced Campus**

1104	TTh	09:30a-10:45a	Igo, M	SCI-208
	T	02:00p-04:50p	Igo, M	SCI-113
Comments: 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.				



1106	TTh	09:30a-10:45a	Igo, M	SCI-208
	Th	02:00p-04:50p	Igo, M	SCI-113
Comments: Section 1106 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
	TTh	08:00a-10:50a	Estrella, C	SCI-113
Comments: Section 1111 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.				

### 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
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#### 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.				

### 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.

#### Merced Campus

1043	TTh	11:00a-11:50a	Albano, V	SCI-202
	TTh	08:00a-10:50a	Albano, V	SCI-116
1044	TTh	01:00p-01:50p	Schneider, B	SCI-208
	MW	08:00a-10:50a	Schneider, B	SCI-116
1231	TTh	01:00p-01:50p	Schneider, B	SCI-208
	MW	11:00a-01:50p	Schneider, B	SCI-116
1601	Th	12:00p-01:50p	Cayetano Simmari, L	SCI-110
	FS	08:00a-10:50a	Cayetano Simmari, L	SCI-116
1602	Th	12:00p-01:50p	Cayetano Simmari, L	SCI-110
	FS	11:00a-01:50p	Cayetano Simmari, L	SCI-116
6033	MW	05:30p-06:20p	Crombie, K	SCI-204
	MW	02:00p-04:50p	Crombie, K	SCI-116
6067	FS	05:30p-06:20p	Eayre, C	SCI-208
	FS	02:00p-04:50p	Eayre, C	SCI-116
6069	FS	05:30p-06:20p	Eayre, C	SCI-208
	FS	06:30p-09:20p	Eayre, C	SCI-116
6164	MW	05:30p-06:20p	Crombie, K	SCI-204
	MW	06:30p-09:20p	Crombie, K	SCI-116

6165	TTh	05:30p-06:20p	Zermeno, J	SCI-204
	TTh	02:00p-04:50p	Zermeno, J	SCI-116
6440	TTh	05:30p-06:20p	Zermeno, J	SCI-204
	TTh	06:30p-09:20p	Zermeno, J	SCI-116

#### 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.				

### BIOL-18 Principles of Physiology

4.0 units: 3.0 hours lec,

3.0 hours lab. Prerequisite: Take CHEM-02A; Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A; Take BIOL-01 or BIOL-02 or BIOL-04A or BIOL-16; Take Math-C or MATH-61 or MATH-62. Minimum Grade C,P. This course is a general lecture and laboratory course in human physiology, including a study of blood and circulation, respiration, muscle activity, endocrine glands, digestion, excretion, and the functions and activities of the brain, nerves, and sense organs.

#### Merced Campus

1103	TTh	02:00p-03:15p	Touma, C	SCI-205
	Th	11:00a-01:50p	Touma, C	SCI-115
1302	TTh	09:30a-10:45a	Reed, E	SCI-205
	W	08:00a-10:50a	Reed, E	SCI-115
1360	MWF	08:00a-08:50a	Coburn, C	SCI-202
	T	08:00a-10:50a	Coburn, C	SCI-115
6353	MW	05:30p-06:45p	Doscher, E	SCI-208
	M	07:00p-09:50p	Doscher, E	SCI-115
Comments: Requires online assignments. Additional fees apply. For specific text/access code please see your instructor.				
6422	MW	05:30p-06:45p	Doscher, E	SCI-208
	M	07:00p-9:50p	Doscher, E	SCI-115
Comments: Requires online assignments. Additional fees apply. For specific text/access code please see your instructor.				
1362	MWF	08:00a-08:50a	Coburn, C	SCI-202
	Th	08:00a-10:50a	Coburn, C	SCI-115
1693	MWF	10:00a-10:50a	Touma, C	SCI-205
	F	11:00a-01:50p	Touma, C	SCI-113
1694	MWF	12:00p-12:50p	Reed, E	SCI-202
	M	02:00p-04:50p	Reed, E	SCI-115
1886	MWF	12:00p-12:50p	Reed, E	SCI-202
	W	02:00p-04:50p	Reed, E	SCI-115

#### Los Banos Campus

4150	TTh	12:30p-01:45p	Schroeder, K	LB-B-111
	T	09:00a-11:50a	Schroeder, K	LB-B-102
Comments: Section 4150 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-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-85AC 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 helminthes. The course is designed for students in any of the allied health professions.

**Merced Campus**

1108	MW	11:00a-11:50a	Modafferi, E	SCI-208
	MW	08:00a-10:50a	Modafferi, E	SCI-114
1109	TTh	11:00a-11:50a	Macias, M	SCI-208
	TTh	08:00a-10:50a	Macias, M	SCI-114
1303	MW	10:00a-10:50a	Igo, M	VOC-11
	MW	11:00a-01:50p	Igo, M	SCI-114
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.				
1377	TTh	11:00a-11:50a	Macias, M	SCI-208
	TTh	02:00p-04:50p	Macias, M	SCI-114
6048	MW	05:30p-06:20p	Vierra, S	SCI-202
	MW	02:00p-04:50p	Vierra, S	SCI-114
Comments: Section 6048 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.				
6101	MW	05:30p-06:20p	Vierra, S	SCI-202
	MW	06:30p-09:20p	Vierra, S	SCI-114
Comments: Section 6101 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.				
1023	TTh	02:00p-02:50p	Ratley, S	VOC-11
	TTh	11:00a-01:50p	Ratley, S	SCI-114
Comments: Requires online assignments. Additional fees apply. For specific text/access code please see your instructor				

**Los Banos Campus**

4152	MW	08:00a-08:50a	LB-B-107
	MW	11:00a-01:50p	LB-B-104
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-85AC 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**

1049	TTh	08:00a-09:15a	Schneider, B	SCI-111
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**

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.		

**Merced Campus**

1118	MW	09:30a-10:45a	Casey, R	VOC-37
Comments: Web Component which will require you to have internet access.				
1317	TTh	09:30a-10:45a	Haugen, A	VOC-37
Comments: Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.				
1566	TTh	11:00a-12:15p	Haugen, A	VOC-37
Comments: Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.				
6226	M	05:30p-08:20p	Skunca, J	VOC-39
Comments: Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.				

**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.		

**Merced Campus**

1114	TTh	12:00p-01:50p	Patterson, E	VOC-141
Comments: Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.				
6103	M	05:30p-09:20p	Thompson, S	VOC-37
Comments: Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.				

**Los Banos Campus**

8177	MW	07:00p-08:50p	Singh, R	LB-B-107
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.				

**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.

## 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  
& Carroll, C

### 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

5904 F 09:00a-11:00a Moreno, M LB-A-108

#### 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 MTWTh 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

## 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

1155 MWF 09:00a-09:50a Tenn, B SCI-110

F 11:00a-01:50p Tenn, B/Willson, K SCI-109

Comments: Section 1155 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

1156 MWF 12:00p-12:50p Dawson, D SCI-110

T 08:00a-10:50a Dawson, D SCI-109

Comments: Section 1156 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

1157 MWF 12:00p-12:50p Dawson, D SCI-110

W 08:00a-10:50a Dawson, D SCI-109

Comments: Section 1157 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

1158 MWF 12:00p-12:50p Dawson, D SCI-110

F 08:00a-10:50a Dawson, D SCI-109

Comments: Section 1158 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

1160 MWF 01:00p-01:50p Dawson, D SCI-110

T 02:00p-04:50p Dawson, D SCI-109  
Comments: Section 1160 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

1188 MWF 01:00p-01:50p Dawson, D SCI-110

W 02:00p-04:50p Dawson, D SCI-109

Comments: Section 1188 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

1797 TTh 08:00a-09:15a Tenn, B SCI-110

Th 11:00a-01:50p Tenn, B SCI-109

Comments: Section 1797 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

2415 - Wilson, K

Th 08:00a-10:50a Wilson, K SCI-109

Comments: CONTACT: wilson.k@mccd.edu IN-CLASS SESSIONS: Lab; Thursdays; 08:00a-10:50a; SCI-109. COMMENTS: 3 Lecture hours per week will be held online. Section 2416 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

2416 - Wilson, K

Th 02:00p-04:50p Wilson, K SCI-109

Comments: CONTACT: wilson.k@mccd.edu IN-CLASS SESSIONS: Lab; Wednesdays; 11:00a-01:50p; SCI-109. COMMENTS: 3 Lecture hours per week will be held online. Section 2415 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

6118 TTh 05:30p-06:45p Giagou, T SCI-110

T 07:00p-09:50p Giagou, T SCI-109

Comments: Section 6118 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

6119 TTh 05:30p-06:45p Giagou, T SCI-110

Th 07:00p-09:50p Giagou, T SCI-109

Comments: Section 6119 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

6041 MW 05:30p-06:45p Le, T. SCI-110

M 07:00p-09:50p Le, T. SCI-109

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

6117 MW 05:30p-06:45p Le, T. SCI-110

M 07:00p-09:50p Le, T. SCI-109

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

#### 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.

4194 MWF 12:00p-12:50p Khurana, S LB-B-107

M 01:00p-03:50p Khurana, S LB-B-105

Comments: Section 4194 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.

8192 M 05:00p-07:50p Khurana, S LB-A-103

W 05:00p-07:50p Khurana, S LB-B-105

Comments: Section 8192 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-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 - Weathers, A  
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.  
1145 MWF 11:00a-11:50a Weathers, A SCI-110  
TTh 11:00a-01:50p Weathers, A SCI-107  
Comments: Section 1145 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.  
1146 MWF 11:00a-11:50a Weathers, A SCI-110  
WF 08:00a-10:50a Weathers, A SCI-107  
Comments: Section 1146 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 qualitative and quantitative 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.  
1152 MWF 10:00a-10:50a Tenn, B SCI-110  
MW 02:00p-04:50p Tenn, B SCI-107  
Comments: Section 1152 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

**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.

**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.  
1735 TTh 12:30p-01:45p Fregene, P SCI-202  
TTh 02:00p-04:50p Fregene, P SCI-104  
Comments: Section 1735 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.





2500 McCarrick, S Online  
Comments: CONTACT: stacey.mccarrick@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.

6135 Th 05:30p-08:20p Cruthird, A VOC-139  
Comments: Section 6135 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-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.

**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.

1913 TTh 12:30p-01:45p McCarrick, S VOC-139  
Comments: WC-Web Component which will require you to have internet access.

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 Online  
Comments: CONTACT: martina.marquez-rami@mccd.edu for course-specific questions.

**Merced Campus**

6193 T 05:30p-08:20p Garza, M VOC-139  
Comments: WC-Web Component which will require you to have internet access.

**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 Online  
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 a teacher's role in supporting development and engagement for all young children. This course provides 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

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.

1669 Th 09:00a-11:50a Brace, K CDCM-16

## 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 and demonstrate developmentally appropriate early childhood program planning and teaching competencies under the supervision of ECE/CD faculty and other qualified early education professionals. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Child centered, play-oriented approaches to teaching, learning, and assessment; and knowledge of curriculum content areas will be emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning for all young children.

### Merced Campus

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

6003 Th 05:30p-08:50p Heft, A CDCM-16  
Comments: CONTACT: april.heft@mccd.edu. IN-CLASS SESSIONS: Lecture: Thursdays - January 16, February 20, March 26, April 23, and May 14, 2020; 05:30p-08:50p; CDCM-16. COMMENTS: 6 hours of lab per week is required. Students should check their Merced College email for instructions from

the professor on the first day of the semester. 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.bluet-murp@mccd.edu for course-specific questions.

2318 Bluett-Murphy, V Online  
Comments: CONTACT: victoria.bluet-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.

### Merced Campus

1322 MW 09:30a-10:45a Marquez-Ramirez, M AHC-123  
Comments: Section 1322 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.

1326 TTh 03:30p-04:45p Patton, M VOC-139  
Comments: Section 1326 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.

1670 MW 12:30p-01:45p Nunez, J VOC-139  
Comments: Section 1670 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.

6010 W 05:30p-08:20p Garza, M CDCM-16  
Comments: Section 6010 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

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-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 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

- 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 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 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 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 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 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 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.
- 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 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.
- 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/coop-ed-work-40-class.html>. 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.

## 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.



**Merced Campus**

1415 W 10:00a-11:50a Soria, L AHC-128  
Comments: Section 1415 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-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 and 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.

**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. By the end of the course, students should be speaking confidently and skillfully and should be able to transfer their understanding and skills from the classroom to "real world" situations.

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**

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

9904 TTh 04:00p-06:05p Griffin, C LB-B-136  
Comments: Section 9904 is held from 02/25/20 to 05/21/20.

**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 Cornec, R Online  
Comments: CONTACT: ronan.cornec@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 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**

3174 - Cazares, K

**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.

**Merced Campus**

1167 MW 12:30p-01:45p Johnson, M TCC-1  
Comments: Section 1167 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.  
1213 TTh 03:30p-04:45p Noblett, D TCC-1  
Comments: Section 1213 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**

8272 MW 05:30p-06:45p Singh, R LB-B-107

**CRIM-02 Introduction to Criminal Justice**

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

**Merced Campus**

1069 TTh 09:30a-10:45a Jackson, R TCC-2  
Comments: Section 1069 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.  
1079 MW 03:30p-04:45p Jackson, R TCC-1  
Comments: Section 1079 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-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 upon the impact of interpretations of Fourth, Fifth, Sixth, Eighth, and Fourteenth Amendments.

**Merced Campus**

1169 TTh 11:00a-12:15p Johnson, M TCC-1  
Comments: Section 1169 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.  
6141 W 05:30p-08:20p Johnson, M TCC-1  
Comments: Section 6141 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.

**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.

**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 general elements of crime, the definitions of common and statutory law, and the nature of acceptable evidence. This course utilizes case law and case studies to introduce students to criminal law. The completion of this course offers a foundation upon which upper-division criminal justice courses will build. The course will also include some limited discussion of prosecution and defense decision making, criminal culpability, and defenses to crime.

**Merced Campus**

1968 TTh 02:00p-03:15p Noblett, D TCC-1  
Comments: Section 1968 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.  
6411 M 05:30p-08:20p Soto, B TCC-1  
Comments: Section 6411 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**

8274 T 07:00p-09:50p Singh, R LB-B-106

**CRIM-05 Community & Human Relations**

3.0 units: 3.0 hours lec.

Prerequisite: Take CRIM-02

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 covers the relationship of criminal justice agents and the community; causal and symptomatic aspects of community understanding; lack of cooperation and mistrust; study of behavioral causes; and ways to develop and maintain amicable relationships within a diverse multicultural population.

**Merced Campus**

1170 MW 11:00a-12:15p Jackson, R TCC-1  
Comments: Section 1170 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-06 Introduction to Evidence**

3.0 units: 3.0 hours lec.

Prerequisite: Take CRIM-02

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 is a study of the origin, development, philosophy, and constitutional basis of evidence; constitutional and procedural considerations affecting arrest; search and seizure; kinds and degrees of evidence and rules governing admissibility and exclusion of criminal evidence; judicial decisions interpreting individual rights, and case studies viewed from a



conceptual level.

**Merced 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.

**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**

1193 TTh 08:00a-09:15a Jackson, R TCC-1  
Comments: Section 1193 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 covers the techniques of communicating facts, information, and ideas effectively in a simple, clear, and logical manner in the various types of criminal justice system reports: letters, memoranda, directives, and administrative reports. Emphasis is placed on criminal justice terminology, the use of English, and the organization of information. The student will also receive practical experience in note taking and report writing; and the preparation for the presentation of testimony in court.

**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 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.

3130 - 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 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.

3131 - 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 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.

3132 - 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 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.

**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-





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-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-09:25a 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,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 01:40p-03:45p 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 01:40p-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

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 04/6/20 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.

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 04/6/20 to 05/21/20. Web Component which will require you to have internet access.

### DRFT-42A Architectural Draft-AutoCAD

3.0 units: 2.0 hours lec,  
3.0 hours lab. Prerequisite: Take DRFT-04A; This course covers the drafting techniques used in the preparation of working drawings for building construction, with special emphasis on house planning, house construction, and building codes and regulations. The course includes the drawing of a short set of house plans, floor plan, plot plan, elevation, and perspective.

#### Merced Campus

6059 Th 05:10p-10:00p Deziga, A VOC-40  
Comments: Web Component which will require you to have internet access.

6060 Th 05:10p-10:00p Deziga, A VOC-40  
Comments: 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.

#### Merced 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. Web Component which will require you to have internet access.

#### Los Banos Off-Campus

9916 MTWTh 08:00a-09:20a OFLL-HBPG  
MTWTh 09:30a-11:35a 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-07-9918, 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 commu-



nication is covered as a presentation of ideas through drawings.

**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.				

**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**

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-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 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	TWTh	05:00p-05:50p	McCue-Bryx, L	THTR-STG
	TWTh	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; 05:00p-08:20p; THTR-STG. Registration NOT allowed before first night of class. Students registering for DRAM-02-9205 must also register for DRAM-02L-9206.				

**DRAM-02L Rehearsal and Performance Lab**

1.0 units:

3.0 hours lab. This course is the lab only portion of Rehearsal and Performance in which students put into practice learned technical skills in technical rehearsal and public performance of a college production. This course 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**

9206	-		McCue-Bryx, L	THTR-STG
Comments: Section 9206 is held from 3/9/20 to 3/29/20. MANDATORY ORIENTATION: March 9, 2020; 05:00p-9:50p; THTR-STG. Registration NOT allowed before first night of class.				

**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.

**Merced Campus**

1830	TTh	02:00p-02:50p	McCue-Bryx, L	THTR-STG
	TTh	03:00p-04:15p	McCue-Bryx, L	THTR-STG

**DRAM-15 Stagecraft**

3.0 units: 2.0 hours lec,

3.0 hours lab. This course is a study of the physical aspects of stagecraft, including makeup, set construction, scenic artistry, lighting, costuming, and sound production. Laboratory experience is gained in the application of principles of technical theatre in actual productions.

**Merced Campus**

1001	MW	01:00p-01:50p	Doiel, K	THTR-STG
	MW	02:00p-03:15p	Doiel, K	THTR-STG

**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 verses cost, rational choice, the analysis of demand and supply, the role of price in free markets, consumer behavior, market structure, production cost, competitive business models, and resource pricing. 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				

**Merced Campus**

1107	TTh	12:30p-01:45p	Serpa, C	VOC-143
Comments: Section 1107 has a web component which will require student to have internet access; see instructor before purchasing materials				
1209	MWF	12:00p-12:50p	Serpa, C	IAC-146
Comments: Section 1209 has a web component which will require student to have internet access; see instructor before purchasing materials				
1210	MWF	01:00p-01:50p	Serpa, C	IAC-146
Comments: Section 1210 has a web component which will require student to have internet access; see instructor before purchasing materials				

**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.

**Online**

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

**Merced Campus**

1211	MWF	09:00a-09:50a	Serpa, C	AHC-129
Comments: Section 1211 has a web component which will require student to have internet access; see instructor before purchasing materials				
1712	TTh	11:00a-12:15p	Serpa, C	LESH-111
Comments: Section 1712 has a web component which will require student to have internet access; see instructor before purchasing materials				

**Los Banos Campus**

4312	TTh	09:30a-10:45a	McNally, T	LB-B-107
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**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-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

**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.

**Los Banos Campus**

5637 F 08:30a-04:30p Lara, L

**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-MISC  
5633 W 08:30a-04:30p Lara, L OFML-WCC  
5635 W 08:30a-04:30p Lara, L OFML-MISC  
5636 F 08:30a-04:30p Lara, L OFML-HILM  
5639 W 08:30a-04:30p Lara, L OFML-ATW

**Electricity/Electronics Tech (ELCT)****ELCT-30 Exploring the World of Electricity and Electronics**

3.0 units: 3.0 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 will require 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-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 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 9423 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-9432, 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.

**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 Programing**

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 9286 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.  
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-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.

**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. 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.

**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  
 S 08:00a-12:00p Donnelly, B TCC-5  
 S 01:00p-04:50p Donnelly, B TCC-5  
 Comments: Section 9063 is held 01/14/20 to 03/19/20. 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.

9067 TTh 05:30p-08:20p McCall, T TCC-5  
 TTh 08:30p-09:20p McCall, T TCC-5  
 S 08:00a-12:00p McCall, T TCC-5  
 S 01:00p-04:50p McCall, T TCC-5  
 Comments: Section 9067 is held from 03/03/20 to 05/21/20. 18 hours by arrangement to be held on two Saturdays to include a 60 minute lunch break. 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.

**Engineering (ENGR)****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 using power supplies, breadboards, multimeters, oscilloscopes, and function generators.

**Merced Campus**

1012 TTh 11:00a-12:15p Gargova, S VOC-11  
 M 02:00p-04:50p Gargova, S VOC-43  
 Comments: Section 1012 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

**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.

**Merced Campus**

1979 T 02:00p-02:50p Gargova, S SCI-105  
 T 03:00p-04:15p Gargova, S SCI-105  
 Th 02:00p-03:15p Gargova, S SCI-105

**ENGR-45 Engineering Materials**

4.0 units: 3.0 hours lec,  
 3.0 hours lab. Prerequisite: Take CHEM-04A, MATH-04A, and PHYS-04A; Minimum grade C,P; This course is an introduction to the atomic and microscopic structure of modern engineering materials. The effect of structure and manufacturing processes on the mechanical, electrical, and other physical properties of materials are studied. Metals, alloys, ceramics, polymers, and composites are explored.

**Merced Campus**

1332 MWF 09:00a-09:50a Gargova, S VOC-11  
 Th 08:00a-10:50a Gargova, S SCI-105

**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 noncredit course; therefore, there are no fees for this course and attendance is optional.

**Online**

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


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


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.



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: sean-epstein.corbin@mccd.edu.	
2646	Hundley, A	Online
	Comments: CONTACT: Hundley.a@mccd.edu.	
<b>Merced Campus</b>		
1089	TTh 08:00a-09:50a Taber, J	IAC-127
	Comments: Section 1089 requires students to register for Engl-95S-1178.	
1098	MW 08:00a-09:50a Ferrell, D	VOC-110
	Comments: Section 1098 requires students to register for Engl-95S-1099.	
1220	MW 08:00a-09:50a Gonzalez, H	IAC-127
	Comments: Section 1220 requires students to register for Engl-95S-1223.	
1228	MW 10:00a-11:50a Gonzalez, H	IAC-127
	Comments: Section 1228 requires students to register for Engl-95S-1233.	
1234	MW 12:00p-01:50p Daughdrill, J	IAC-124
	Comments: Section 1234 requires students to register for Engl-95S-1235.	
1238	MW 12:00p-01:50p Ferrell, D	IAC-127
	Comments: Section 1238 requires students to register for Engl-95S-1239.	
1240	TTh 12:00p-01:50p Daughdrill, J	IAC-124
	Comments: Section 1240 requires students to register for Engl-95S-1241.	
1242	TTh 12:00p-01:50p Flatt, S	IAC-127
	Comments: Section 1242 requires students to register for Engl-95S-1243.	
1252	TTh 02:00p-03:50p Taber, J	IAC-124
	Comments: Section 1252 requires students to register for Engl-95S-1255.	
1257	TTh 12:00p-01:50p Baker, W	ART-2
1300	TTh 08:00a-09:50a Zamora, J	IAC-124
	Comments: Section 1300 requires students to register for Engl-95S-1301.	
1308	MW 08:00a-09:50a Rocha, M	VOC-10
1310	MTWTh 04:00p-04:50p Martin Ward, S	VOC-10
1311	TTh 08:00a-09:50a Mumford, J	VOC-110
1330	MW 08:00a-09:50a Staff, M	IAC-122
	Comments: Section 1330 requires students to register for Engl-95S-1331.	
1344	MW 02:00p-03:50p Lankford, T	IAC-142
	Comments: Section 1344 requires students to register for Engl-95S-1345	
1350	MW 02:00p-03:50p Baker, W	ART-2
1356	TTh 08:00a-09:50a Tjerrild, K	VOC-10
1386	TTh 02:00p-03:50p Goldeen, P	VOC-110
1458	MW 12:00p-01:50p Smith, V	VOC-10
1505	TTh 10:00a-11:50a Brown, G	VOC-10
1506	TTh 08:00a-09:50a Temple, J	ART-2
1508	TTh 02:00p-03:50p Doell, E	VOC-10
1511	MTWTh 01:00p-01:50p Tjerrild, K	IAC-123
1526	MW 10:00a-11:50a Kahlert, S	IAC-122
1554	MW 10:00a-11:50a Baker, W	VOC-10
1764	MW 10:00a-11:50a Brown, G	VOC-110
1787	TTh 08:00a-09:50a Fries, M	IAC-122
1916	MW 12:00p-01:50p Hundley, A	VOC-110
1921	MW 12:00p-01:50p Gonzalez, H	ART-2
1923	TTh 12:00p-01:50p Hundley, A	VOC-110
1932	TTh 10:00a-11:50a Mumford, J	VOC-110
1933	MW 02:00p-03:50p Rocha, M	VOC-10
1954	TTh 10:00a-11:50a Baker, W	ART-2
1991	MW 02:00p-03:50p Withers, M	VOC-110

1996	MW 08:00a-09:50a Fries, M	IAC-123
2233	TTh 08:00a-09:15a Piro, V	IAC-142
	Comments: Section 2233 is a hybrid class that requires one hour of online instruction per week.	
2234	MWF 08:00a-08:50a Staff, M	IAC-121
	Comments: Section 2234 is a hybrid class that requires one hour of online instruction per week.	
2303	MW 09:30a-10:45a Flatt, S	IAC-142
	Comments: Section 2303 is a hybrid class that requires one hour of online instruction per week.	
2304	TTh 09:30a-10:45a Daughdrill, J	IAC-142
	Comments: Section 2304 is a hybrid class that requires one hour of online instruction per week.	
2306	MW 11:00a-12:15p Ortiz, K	IAC-142
	Comments: Section 2306 is a hybrid class that requires one hour of online instruction per week.	
2319	MW 02:00p-03:15p Toconis, M	IAC-124
	Comments: Section 2319 is a hybrid class that requires one hour of online instruction per week.	
2320	TTh 02:00p-03:15p Huntington, P	IAC-127
	Comments: Section 2320 is a hybrid class that requires one hour of online instruction per week.	
2326	MW 08:00a-09:15a Piro, V	IAC-142
	Comments: Section 2326 is a hybrid class that requires one hour of online instruction per week.	
2332	TTh 11:00a-12:15p Ortiz, K	IAC-123
	Comments: Section 2332 is a b class that requires one hour of online instruction per week.	
2333	MW 12:30p-01:45p Ortiz, K	IAC-142
	Comments: Section 2333 is a hybrid class that requires one hour of online instruction per week.	
6046	MW 05:30p-07:20p Ferrell, D	IAC-124
	Comments: Section 6046 requires students to register for Engl-95S-6047.	
6049	TTh 05:30p-07:20p Goldeen, P	IAC-124
	Comments: Section 6049 requires students to register for Engl-95S-6050.	
6087	T 05:30p-09:20p Staff, M	IAC-122
6224	MW 07:30p-09:20p Lloyd, N	IAC-142
6225	TTh 05:30p-07:20p Doell, E	IAC-142
6417	MW 05:30p-07:20p Withers, M	IAC-142
9090	S 08:00a-11:50a Koepnick, S	IAC-127
	Comments: Section 9090 is held from 01/14/20 to 03/13/20.	

**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
	Comments: Section 4366 requires students to register for ENGL-95S-4386.	
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-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 laboratory (EDU-112A). 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 Enrolling in an English (ENGL) class will automatically enroll you in EDU-112A-5007. This is a noncredit learning resource class; therefore, there are no fees for this class and attendance is optional.

2518 Toconis, M Online  
Comments: CONTACT: Toconis.m@mccd.edu

**Merced Campus**

1201 MW 02:00p-03:15p Staff, M IAC-120  
1930 TTh 08:00a-09:15a Flatt, S IAC-120  
9076 MWF 10:00a-11:50a Barba, M IAC-123  
Comments: Section 9076 is held from 01/13/20 to 03/13/20.  
Section 9076 is part of a Puente Learning Community with ENGL-13-9077, Phil-13-9080 and GUID-45-1790.

**ENGL-02 Oral Interpretation**

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 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.

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**

1259 MWF 11:00a-11:50a Bonstein, J IAC-120

**ENGL-04B Introduction to World Literature: 1650 to Present**

3.0 units: 3.0 hours lec.

Prerequisite: Take ENGL-01A. Minimum grade C,P. This course examines the origins and subsequent developments of world literatures and cultures from 1650 to the present through various literary genres and cultural traditions. Primary focus will fall on major works of certain periods and of geographic origins. Students will engage in comparative analysis and evaluation of the literary works as well as close study of the works in addition to the study of each text's merits.

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**

1993 MWF 12:00p-12:50p Kahlert, S IAC-122

**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**

1940  TTh 11:00a-12:15p Withers, M IAC-120

**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.

**Merced Campus**

1980 TTh 09:30a-10:45a Epstein-Corbin, S IAC-123

**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**

6109 W 05:30p-08:20p Barba, M IAC-120

**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.

**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	
2515	Kahlert, S	Online
	Comments: CONTACT: shirley.kahlert@mccd.edu	
2520	Mumford, J	Online
	Comments: CONTACT: Mumford.j@mccd.edu	
2666	Rempel, D	Online
	Comments: CONTACT: denise.rempel@mccd.edu	

**Merced Campus**

1054	TTh	08:00a-09:15a	Rocha, M	VOC-111
1120	MW	09:30a-10:45a	Taber, J	VOC-111
1135	MWF	08:00a-08:50a	Diaz, K	VOC-111
1151	MW	12:30p-01:45p	Rempel, D	VOC-111
1258	MW	10:00a-11:15a	Epstein-Corbin, S	ART-2
1324	MW	02:00p-03:15p	Staff, M	VOC-111

1424	TTh	02:00p-03:15p	Withers, M	VOC-111
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1650	MW	11:00a-12:15p	Withers, M	VOC-111
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1740	TTh	11:00a-12:15p	Zamora, J	IAC-142
1765	TTh	12:30p-01:45p	Koepnick, S	VOC-111
1901	MWF	07:00a-07:50a	Piro, V	IAC-142
1964	TTh	11:00a-12:15p	Staff, M	VOC-111
1994	MWF	08:00a-08:50a	Staff, M	IAC-109
6100	TTh	05:30p-06:45p	Withers, M	VOC-111
6215	T	05:30p-08:20p	Brown, G	VOC-10
6455	W	07:00p-09:50p	Martin Ward, S	ART-2
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.			

**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.

**Merced Campus**

1096	MTWThF	10:00a-10:50a	Temple, J	IAC-124
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1116	MWF	08:00a-09:25a	Smith, V	IAC-124
6207	MW	05:30p-07:45p	Brown, G	IAC-127
<b>Los Banos Campus</b>				
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.

**Merced Campus**

1099	F	08:00a-09:50a	Ferrell, D	IAC-142
	Comments: Section 1099 requires students to register for Engl-01A-1098.			
1178	TTh	10:00a-10:50a	Taber, J	IAC-127
	Comments: Section 1178 requires students to register for Engl-01A-1089.			
1223	F	08:00a-09:50a	Gonzalez, H	IAC-127
	Comments: Section 1223 requires students to register for Engl-01A-1220.			
1233	F	10:00a-11:50a	Gonzalez, H	IAC-127
	Comments: Section 1233 requires students to register for Engl-01A-1228.			
1235	MW	11:00a-11:50a	Daughdrill, J	IAC-124
	Comments: Section 1235 requires students to register for Engl-01A-1234.			
1239	F	12:00p-01:50p	Ferrell, D	IAC-127
	Comments: Section 1239 requires students to register for Engl-01A-1238.			
1241	TTh	11:00a-11:50a	Daughdrill, J	IAC-124
	Comments: Section 1241 requires students to register for Engl-01A-1240.			
1243	TTh	11:00a-11:50a	Flatt, S	IAC-127
	Comments: Section 1243 requires students to register for Engl-01A-1242.			
1255	TTh	04:00p-04:50p	Taber, J	IAC-124
	Comments: Section 1255 requires students to register for Engl-01A-1252.			
1301	TTh	07:00a-07:50a	Zamora, J	IAC-124
	Comments: Section 1301 requires students to register for Engl-01A-1300.			
1331	F	08:00a-09:50a	Staff, M	IAC-122
	Comments: Section 1331 requires students to register for Engl-01A-1330.			
1345	F	02:00p-03:50p	Lankford, T	IAC-142
	Comments: Section 1345 requires students to register for Engl-01A-1344.			
6047	MW	07:30p-08:20p	Ferrell, D	IAC-124
	Comments: Section 6047 requires students to register for Engl-01A-6046.			
6050	TTh	07:30p-08:20p	Goldeen, P	IAC-124
	Comments: Section 6050 requires students to register for Engl-01A-6049.			

**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
	Comments: Section 4382 is a Learning Community with ENGL-01A-4356			
4384	F	10:00a-11:50a	Nelson, K	LB-B-136
	Comments: Section 4384 requires students to register for			





	ENGL-01A-4354.		
4386	TTh 09:00a-09:50a Johnston, J	LB-A-108	
	Comments: Section 4386 requires students to register for ENGL-01A-4366.		
8382	MW 07:30p-08:20p Johnston, J	LB-B-137	
	Comments: Section 8382 requires students to register for ENGL-01A-8356.		

## 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
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### ENG-801 ESL (English As A Second Language)

#### Beginning ESL Skills

0.0 units

COURSE DURATION IS 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
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#### Los Banos Off-Campus

5042	MWTh	06:00p-08:00p	Nelson, B	OFLL-LBHS
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#### 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	Lourenco, C	OFML-DELHS
5107	MWF	05:30p-8:00p	Cervantes, M	OFML-LIVIN
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-LIVIN
5107	MWF	05:30p-08:00p		OFML-LIVIN

### 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
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#### Los Banos Off-Campus

5043	MWTh	06:00p-08:00p	Nelson, B	OFLL-LBHS
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#### 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	Lourenco, 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-LIVIN
5108	MWF	05:30p-08:00p	Cervantes, M	OFML-LIVIN

### 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
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#### Chowchilla

5047	MWTh	05:30p-07:30p	STAFF	OFML-CHOW
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#### Los Banos Off-Campus

5044	MWTh	06:00p-08:00p	Nelson, B	OFLL-LBHS
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#### Merced Off-Campus

5020	MTWTh	08:15a-12:00p	Worden, F	BRC-213
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-DLUSD
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-LIVIN
5109	MWF	05:30p-08:00p	Cervantes, M	OFML-LIVIN

### 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
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#### Los Banos Off-Campus

5045	MWTh	06:00p-08:00p	Nelson, B	OFLL-LBHS
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#### 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	TWThF	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-DLUSD
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	05:30p-08:00p	Cervantes, M	OFML-LIVIN

### ENG-821 Foundations in Academic Literacy II

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 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

5111	TTh	01:00p-03:15p	Lankford, T	IAC-122
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### ENG-822 Foundations in Academic Literature I

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

5112	TTh	10:30a-12:45p	Lankford, T	IAC-122
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## 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 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. 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

1509 TTh 01:00p-03:15p Lankford, T IAC-122

### 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.

#### Merced Campus

1141 TTh 10:30a-12:45p Lankford, T IAC-122

## 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

1280 MW 09:30a-10:45a McCall, T TCC-5  
Comments: Section 1280 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.

### FIRE-34 Building Construction for Fire Protection

3.0 units: 3.0 hours lec.

Prerequisite: take fire-30; minimum grade c, p; Advisory: ENGL-A. This course is the study of components of building construction that relate to fire safety. The elements of construction and design of structures are shown to be key factors when inspecting buildings, preplanning fire operations, and operating at fires. The development and evolution of building and fire codes will be studied in relationship to past fires in residential, commercial, and industrial occupancies.

#### Merced Campus

1961 MW 12:30p-01:45p McCall, T TCC-5  
Comments: Section 1961 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.

### 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

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 extrication, 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.

## 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

1950 MWF 02:00p-03:25p Rida, A IAC-127  
Comments: Section 1950 requires online assignments. Students need to have a purchased access code as well as a computer with internet connection and recording/listening capabilities.

### 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

1379 TTh 08:00a-09:15a Morimoto, D IAC-106  
1381 TTh 12:30p-01:45p 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'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 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-01:50p 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-01:50p 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

Comments: Section 2942 is held from 03/02/20 to 03/27/20.

2943 Online

Comments: Section 2943 is held from 02/03/20 to 02/28/20.

**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

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.

**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-rit-

ter@mccd.edu IN-CLASS SESSIONS: Lecture; Wednesdays; 06:00p-07:15p. COMMENTS: 1.5 Lecture hours per week will be held online.

**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  
Comments: Section 1790 is a PUENTE Learning Community with ENGL-01B-907s, ENGL-13-9077/PHIL-13-9080.  
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-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,



Courses with this icon have course materials that are free of charge and therefore not required to be purchased.



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
1934	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:	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.	

**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
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**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
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**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
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**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
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Comments: CONTACT: [www.mccd.edu/myhelp/](http://www.mccd.edu/myhelp/) for information about logging into online courses.

**Merced Campus**

1793	TTh	12:30p-01:45p	Lorenz, M	AHC-129
6078	Th	07:00p-09:50p	Hampton, C	VOC-9

**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
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**Los Banos Campus**

8498	W	07:00p-09:50p	LB-B-106
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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-09A China: Introduction to East Asian 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
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**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: <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> 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: <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> for information about logging into online courses.	
2403		Nystrom, E	Online
	Comments:	CONTACT: <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> for information about logging into online courses.	
2491			Online
	Comments:	Contact: TBA	
2522		Jackson, M	Online
	Comments:	CONTACT: <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> for information about logging into online courses.	
2901		Jackson, M	Online
	Comments:	CONTACT: <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> 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



1807	MWF	01:00p-01:50p	Seymour, D	IAC-145
1856	MWF	12:00p-12:50p	Fong, A	VOC-143
1895	TTh	11:00a-12:15p	Morris, R	VOC-9
1925	MWF	02:00p-02:50p	Seymour, D	IAC-139
1966	MWF	11:00a-11:50a	Lorenz, M	IAC-146
6233	T	07:00p-09:50p	Wheeler, J	VOC-9
9899	MWF	09:00a-10:50a	Kocolas, T	AHC-123
Comments: Section 9899 is a 9-week class that will meet from 3/16/20-5/22/20 except for 4/11 and 4/18, which are non-instructional days. 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.

### Online

2006	Arnold, T	Online
Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.		
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.		
2331	Harvey, E	Online
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	Online
Comments: CONTACT: james.cook@mccd.edu COMMENTS: Students need to log-in within the first two days of class.		
2402	Connors, J	Online
Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.		
2492	Cook, J	Online
Comments: CONTACT: james.cook@mccd.edu COMMENTS: Students need to log-in within the first two days of class.		
2523	Jackson, M	Online
Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.		

### Merced Campus

1091	TTh	09:30a-10:45a	Lorenz, M	IAC-145
1272	MWF	11:00a-11:50a	Kocolas, T	VOC-8
1384	MWF	08:00a-08:50a	Nystrom, E	AHC-129
1411	MWF	10:00a-10:50a	Fong, A	ART-1
1414	TTh	02:00p-03:15p	Purcell, C	VOC-8
1417	MWF	12:00p-12:50p	Seymour, D	IAC-145
1811	MWF	09:00a-09:50a	Nystrom, E	LESH-111
1819	TTh	11:00a-12:15p	Lorenz, M	IAC-145
1820	MW	03:30p-04:45p	Fong, A	ART-1
1843	TTh	11:00a-12:15p	Harvey, E	VOC-8
6538	Th	07:00p-09:50p	Wheeler, J	VOC-143

### Los Banos Campus

4504	MWF	02:00p-02:50p	McNally, T	LB-B-107
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### 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.				

## 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
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## HIST-23 The History of Hispanic-Americans in the Southwest US

3.0 units: 3.0 hours lec.

Advisory: ENGL-A. This course is an introduction to the history of the Mexican-American, and is designed to examine the contributions of Hispanics to the U.S. Emphasis will be placed upon the exploration, settlement, and ideology of Hispanics throughout the U.S. The course has pragmatic and relevant historical coverage that includes pre-Columbian to Hispanic civil rights movements.

### Merced Campus

6120	T	05:30p-08:20p	Hampton, C	AHC-129
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## HIST-29 History of California

3.0 units: 3.0 hours lec.

This course is a survey of the early history of California through to the present, starting with the original peoples of California, the discovery and settlement of the area by the Spanish, the Mexican period, American conquest and occupation, and the gold rush. The course also examines topics including the economic, social, cultural, and political consequences of railroad expansion, and early twentieth-century urbanization. It also includes the impact of the Great Depression and World War II, water projects, protest and reform movements of the 1960's, the rise of conservatism and recent political trends.

### Merced Campus

1700	MWF	08:00a-08:50a	Harvey, E	VOC-8
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## 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	
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### Merced Off-Campus

5032	MW	06:00p-08:00p	Alvarado-Barba, A	OFML-DELHS
5033	TWTh	11:00a-12:00p	Sanchez-Navarro, Z	OFML-CHOW

## 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	VOC-10
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**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 (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.

**Merced Campus**

3149 - Saich, E

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.

3150 - Saich, E

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 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.

3151 - Saich, E

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 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.

3152 - Saich, E

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 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.

**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 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 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 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 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.

**HMSV-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 M 06:45p-09:50p Richardson, C IAC-146

**HMSV-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.

**Merced Campus**

6144 T 07:00p-09:50p Richardson, C IAC-146

**HMSV-44 Leadership and Counseling in Groups**

3.0 units: 3.0 hours lec.

This course is an introduction to the dynamics of group counseling. The group will study itself (under supervision) and learn various leadership skills. The factors involved in problems of communication, effective emotional responses and personal growth will be highlighted.

**Merced Campus**

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

**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.

**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 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

**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

**Industrial Technology (INDT)**

**INDT-10 Industrial 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**

6030 M 05:10p-07:00p Ornelas, R MA-1  
M 07:00p-10:00p Ornelas, R MA-2  
Comments: Web component which will require you to have internet access.

**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  
MTWTh 09:30a-11:50a 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 2:20p-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 04/02/20. This is a learning community and requires registering in INDT-41-9001, ELCT-56-9007, ELCT-53A-9005, INDT-35-9006.  
9289 MTWTh 12:20p-01:35p Nagano, J IT-3  
MTWTh 01:40p-03:45p 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





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 John, 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 John, 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 discussed. 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**

1635 MWF 09:00a-09:50a Russell, W 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**

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

**KINE-15 Softball**

1.0 units:

3.0 hours lab. This is a course designed to teach the fundamentals of softball. Batting, throwing, catching, base running, team play, rules and strategy will be covered.

**Merced Campus**

1644 MWF 11:00a-11:50a McGhee, 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



work experience at Merced College. Students must have an established work site prior to enrolling in the course.

**Merced Campus**

3200 - McCall, 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>. Students registered for KINE 24, Work Experience in Kinesthetics, 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 Kinesthetics or related program and whose work is related to the Kinesthetics major. This course requires completion of 60 volunteer or 75 paid hours.

**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 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.

**Merced Campus**

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

1928 MWF 03:00p-03:50p Kelly, P GYM-4  
1929 TTh 03:30p-04:45p Kelly, P GYM-4

**Los Banos Off-Campus**

4558 MW 12:30p-01:45p Mendes, D OFLL-LBPC  
Comments: Section 4556 is located at Positive Changes; 1001 6th Street; Los Banos.

**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  
Comments: CONTACT: casey.j@mccd.edu.  
2309 Devine, N Online  
Comments: CONTACT: devine.n@mccd.edu.  
2323 Casey, J Online  
Comments: CONTACT: casey.j@mccd.edu  
2339 Casey, R Online  
Comments: CONTACT: casey.r@mccd.edu  
2992 Talley, E Online  
Comments: CONTACT: emily.talley@mccd.edu



**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	MWF	08:00a-08:50a	Mendes, D	OFL-LBPC
Comments: Section 4562 is located at Positive Changes; 1001 6th Street; Los Banos.				
4564	TTh	08:00a-09:15a	Mendes, D	OFL-LBPC
Comments: Section 4564 is located at Positive Changes; 1001 6th Street; Los Banos.				

**Landscape Horticulture (LAND)****LAND-10B Plant Identification & Usage: Spring**

3.0 units: 2.0 hours 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. Plants emphasized will come from the current California Association of Nursery and Garden Centers (CAN & GC), and California Landscape Contractors Association (CLCA) plant lists. Topics include botanical nomenclature, plant hardiness and growth zones, growth habits, plant structural characteristics, and soil nutritional requirements. Landscape uses are stressed along with cultural practices. Plants covered are those best observed and identified in the spring of the year.

**Merced Campus**

6012	F	05:20p-06:50p	Valladao, E	PS-1
	S	09:00a-11:50a	Valladao, E	PS-1
Comments: Web Component which will require you to have internet access.				

**LAND-12 Landscape Design**

3.0 units: 2.0 hours 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**

6008	TTh	05:30p-07:45p	Armenta, E	PS-2
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**LAND-14 Landscape Construction & Installation**

3.0 units: 2.0 hours 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**

1077	TTh	01:00p-03:15p	Armenta, E	PS-2
Comments: Web Component which will require you to have internet access.				

**LAND-24 Work Experience in Landscape Horticulture**

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**

3106	-		Codd, A	
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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 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.

3107

Codd, 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 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.

**Learning Resources (LRNR)****LRNR-30 Information Competency in the Electronic Age**

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; Advisories: AOM-50B, keyboard at a minimum rate of 25 wpm at 95% accuracy. This course is designed to introduce students to library research and resources including information retrieval tools. Course work will include library literacy, research methods, and information technology literacy, including database applications, as well as consideration of ethical and legal implications of computer applications and information use. The student will learn techniques for successful research including documentation and citation of resources, evaluation of information resources, and bibliography production. This course fulfills the Computer and Information Literacy requirements of Merced College.

**Merced Campus**

1073	T	03:30p-06:20p	Ryan, A	IAC-127
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**Liberal Studies (LBST)****LBST-10 Introduction to Education I**

3.0 units: 36.0 hours lec,

54.0 hours lab. Students are introduced to the profession of teaching through an understanding of the California State Content Standards, the Credential process, the role of the public school teacher, and the personal qualities and characteristics necessary to be a successful teacher. Practical experiences in the classroom will include a minimum of 45 hours tutoring in area schools in K-3 Language Arts. This course is intended for students who plan to teach in the K-8 grade levels; the course is required of students in their first 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 offcampus school sites. Observation placements will not be available for students with felony convictions.

**Merced Campus**

2335		04:00p-04:50p	Pimentel, M	LESH-111
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Comments: Section 2335 is an online and requires three additional lab hours per week. MANDATORY PROGRAM ORIENTATION: Friday, January 17; 04:00p-04:50p; LESH-111. Students should check their Merced College email for instructions from the professor on the first day of classes. In addition to class texts, students are responsible for any fees incurred by the Live Scan and TB clearance process. For complete class registration instructions, please visit <http://www.mccd.edu/academics/english-liberalstudies/downloads/student.check-list.06.05.2018.pdf>





2405 F 04:00p-04:50p LESH-111  
 Comments: Section 2405 is an online and requires three additional lab hours per week. MANDATORY PROGRAM ORIENTATION: Friday, January 17; 04:00p-04:50p; LESH-111. Students should check their Merced College email for instructions from the professor on the first day of classes. In addition to class texts, students are responsible for any fees incurred by the Live Scan and TB clearance process. For complete class registration instructions, please visit <http://www.mccd.edu/academics/english-liberalstudies/downloads/student.checklist.06.05.2018.pdf>

### 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 Leshner 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 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.

3158 - 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 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.

3159 - 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 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.

3160 - 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 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.

#### 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>. 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.

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>. 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.

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> 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.

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>. This 1-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.

## Management (MGMT)

### MGMT-31 Principles of Management

3.0 units: 3.0 hours lec.

This introductory management course gives an overview of the management function and its role in organizations. It is designed to provide the fundamentals of management theories. This course will focus on the management concepts of planning, ethics, motivation, communication and leading.

#### Merced Campus

6042 M 05:30p-08:20p Zdanowski, M VOC-38  
Comments: Requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.

### MGMT-33 Elements of Effective Leadership

3.0 units: 3.0 hours lec.

Advisory: CPSC-30; ENGL-A. This course deals primarily with the techniques of leadership in organizational settings. Topics discussed include leadership styles, the behavioral aspects of leadership, and effective leadership characteristics.

#### Merced Campus

1969 TTh 11:00a-12:15p Casey, R VOC-38  
Comments: Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

## MERCED CAMPUS EVENING MANAGEMENT SERIES

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

### 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 Campus

9150 T 05:30p-08:20p Morse, J VOC-39  
Comments: Section 9150 is held 01/14/20 to 01/28/20.

### MGMT-50F Team Building

2

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 work-place. Pass/No Pass only.

#### 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

3

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

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

4

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 Campus

9149 T 05:30p-08:20p Morse, J VOC-39  
Comments: Section 9149 is held 03/17/20 to 03/31/20.

### MGMT-51F Conflict Resolution

5

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 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

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 Pistoressi, P BRC-122  
Comments: Section 9701 is held 03/05/20 and 03/12/20.  
9702 Th 01:00p-05:15p Pistoressi, 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 ones 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 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**

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.

**Merced Off-Campus**

9705 Th 08:00a-12:15p Pistoiresi, P BRC-122  
Comments: Section 9705 is held 01/23/20 and 01/30/20.  
9706 Th 01:00p-05:15p Pistoiresi, 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 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.

**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**

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.

**Merced Off-Campus**

9713 Th 08:00a-12:15p Pistoiresi, P BRC-122  
Comments: Section 9713 is held 02/06/20 and 02/20/20.  
9714 Th 01:00p-05:15p Pistoiresi, 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.

**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.  
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.

**Merced Off-Campus**

9719 Th 08:00a-12:15p Pistoiresi, P BRC-122  
Comments: Section 9719 is held 04/02/20 and 04/09/20.  
9720 Th 01:00p-05:15p Pistoiresi, 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.

**Merced Off-Campus**



9726 W 08:00a-12:15p Roper, R OFML-ATW  
 Comments: Section 9726 is held 03/04/20 and 03/11/20. Off  
 Site Location: City of Atwater Community Center - 760 E Bel-  
 levue Rd., Atwater, CA 95301.

### 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 Bel-  
 levue 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 Bel-  
 levue 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

5063 MWF 11:00a-01:00p Bell, S  
 5086 W 05:00p-08:00p 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  
 5087 W 05:00p-08:00p 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

5065 MWF 11:00a-01:00p Bell, S  
 5088 W 05:00p-08:00p Bell, S

## Mathematics (MATH)

### 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-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.

#### 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.
- 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.
- 6128 TTh 05:30p-07:20p Staten, P 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**

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





tional 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.

1926 TTh 02:00p-03:50p Reali, J VOC-140  
Comments: Section 1926 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.

### MATH-06 Elementary Differential Equations

3.0 units: 3.0 hours lec.

Prerequisite: Take MATH-04C. Minimum grade 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.

#### Merced Campus

1493 MWF 11:00a-11:50a Saad, B 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.

#### 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.

#### Merced Campus

1084 MWF 09:00a-09:50a Dawson, C SCI-204  
Comments: Section 1084 requires students to register for MATH-95S-1070. Section 1084 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.

1087 MWF 11:00a-11:50a Rieg, K VOC-112  
Comments: Section 1087 requires students to register for MATH-95S-1055. Section 1087 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.

1093 MWF 12:00p-12:50p Montoya, J VOC-112  
Comments: Section 1093 requires students to register for MATH-95S-1088. Section 1093 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.

1121 MWF 08:00a-08:50a Clark, J SCI-208  
Comments: Section 1121 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.

1226 MWF 09:00a-09:50a Saad, B 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. 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.

1227 MW 03:30p-04:45p Malekzadeh, B 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.

1495 MWF 09:00a-09:50a Montoya, J SCI-203  
Comments: Section 1495 requires students to register for MATH-95S-1060. Section 1495 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.

1496 MWF 09:00a-09:50a Montoya, J SCI-203  
Comments: Section 1496 is concurrent with MATH-10-1495. Section 1496 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.

1497 TTh 12:30p-01:45p Albert, M SCI-207  
Comments: Section 1497 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.

1498 MWF 08:00a-08:50a Saad, B SCI-111  
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.

1500 MW 02:00p-03:15p Meidinger, S VOC-112  
Comments: Section 1500 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.

1540 MWF 09:00a-09:50a Rieg, K VOC-112  
Comments: Section 1540 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.

1743 TTh 09:30a-10:45a Dawson, C SCI-203  
Comments: Section 1743 is concurrent with MATH-10-1744. Section 1743 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.

1744 TTh 09:30a-10:45a Dawson, C SCI-203  
Comments: Section 1744 requires students to register for MATH-95S-1057. Section 1744 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.

1783 TTh 08:00a-09:15a Clark, J SCI-208  
Comments: Section 1783 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).



- 1792 TTh 09:30a-10:45a Clark, J VOC-112  
Comments: Section 1792 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.
- 1795 TTh 02:00p-03:15p Bruley, M SCI-111  
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.
- 2312 Clark, J  
Comments: CONTACT: clark.j@mccd.edu IN-CLASS SESSIONS: MANDATORY - Mid-Term - March 17, 2020; 03:30p-05:20p; SCI-111. MANDATORY - Final Exam - May 19, 2020; 03:00p-04:50p; SCI-111. 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.
- 2325 Diaz, L  
Comments: CONTACT: lisa.diaz@mccd.edu ORIENTATION: MANDATORY - January 16, 2020; 09:00a-09:50a; SCI-207. IN-CLASS SESSIONS: MANDATORY - Mid-Term - March 19, 2020; 09:00a-09:50a; SCI-207. MANDATORY - Final Exam - May 21, 2020; 09:00a-10:50a; SCI-207. 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.
- 2526 Bruley, M  
Comments: CONTACT: bruley.m@mccd.edu IN-CLASS SESSIONS: MANDATORY - Mid-Term #1 - February 26, 2020; 10:00a-11:50a; LRC-201. MANDATORY - Mid-Term #2 - April 22, 2020; 10:00a-11:50a; LRC-201. MANDATORY - Final Exam - May 20, 2020; 10:00a-11:50a; LRC-201. COMMENTS: Students must successfully complete the orientation module in Canvas by January 17, 2020, in order to remain enrolled in the class. 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.
- 6040 MW 05:30p-06:45p Malekzadeh, B 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.
- 6280 MW 07:00p-08:15p Malekzadeh, B 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.

**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.

**Mariposa**

- 7807 T 05:30p-08:20p Rieg, K MARI-57  
Comments: Section 7807 is held at Mariposa High School; 5074 Old Hwy N.; Mariposa, CA; Room 57. Section 7807 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-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.

**Merced Campus**

- 1503 MWF 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 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 MWF 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. 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 ORIENTATION: 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. 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.

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: 6.0 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 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.

#### 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 Schlenger, C LB-B-136

### 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.

#### 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 MW 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.

1538 MWF 11:00a-12:25p Mason, C 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.

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 ORIENTATION: 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 Schlenger, 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 multiplication 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. 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.

2305 Reig, K  
Comments: CONTACT: kristen.rieg@mccd.edu ORIENTATION: MANDATORY - January 14, 2020; 09:00a-09:50a; SCI-204. IN-CLASS SESSIONS: MANDATORY - Mid-Term - March 10, 2020; 09:00a-09:50a; SCI-204. MANDATORY - Final Exam - May 19, 2020; 09:00a-10:50a; SCI-204. 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.

6349 MW 05:30p-07:20p Rivero, J VOC-140  
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

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.

#### Merced Campus

1190 TTh 08:00a-09:50a Reali, J IAC-143  
Comments: Section 1190 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.

6077 TTh 07:00p-08:50p Staff IAC-143  
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

4596 TTh 08:00a-09:50a Bryan, J LB-B-110  
Comments: Section 4596 requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.

### 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 pre-calculus. Topics include concepts from elementary algebra, intermediate algebra, and trigonometry. Intended for students who are concurrently enrolled in precalculus.

#### Merced Campus

1061 MTW 11:00a-11:50a Sutterfield, M IAC-144  
Comments: Section 1061 requires students to register for MATH-02-1467. 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.

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.

#### Los Banos Campus

4606 F 10:00a-12:50p LB-B-134  
4628 F 10:00a-12:50p LB-B-112  
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-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  
Comments: Section 1055 requires students to register for MATH-10-1087. 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.

1057 TTh 08:00a-09:15a Dawson, C SCI-203  
Comments: Section 1057 requires students to register for MATH-10-1744. 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.

1060 MWF 10:00a-10:50a Montoya, J SCI-203  
Comments: Section 1060 requires students to register for MATH-10-1495. 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.

1070 MWF 08:00a-08:50a Dawson, C SCI-204  
Comments: Section 1070 requires students to register for MATH-10-1084. 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.

1088 MWF 01:00p-01:50p Montoya, J VOC-112  
Comments: Section 1088 requires students to register for MATH-10-1093. 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

4610 TTh 02:00p-03:15p Schlenger, C LB-B-112  
Comments: Section 4610 requires students to register for MATH-10-4608. Section 4610 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, quadratic, piecewise defined, exponential, and logarithmic equations, rational expressions and equations, complex numbers, and conic sections.

#### Merced Campus

1124 MTWTh 02:00p-02:50p Navarro, I IAC-143  
Comments: Section 1124 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.





- 1449 TTh 02:00p-03:50p Mitchell, P SCI-208  
Comments: Section 1449 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.
- 1475 MWF 12:00p-01:10p Saad, B VOC-140  
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 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.
- 1481 TTh 09:30a-11:20a Montoya, J SCI-110  
Comments: Section 1481 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.
- 2375 Montoya, J  
Comments: CONTACT: montoya.j@mccd.edu ORIENTATION: MANDATORY - January 14, 2020; 12:00p-01:50p; SCI-110. IN-CLASS SESSIONS: MANDATORY - Mid-Term - March 10, 2020; 12:00p-01:50p; SCI-110. MANDATORY - Final Exam - May 19, 2020; 11:00a-12:50p; SCI-110. 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.
- 2376 Navarro, I  
Comments: CONTACT: ivan.navarro@mccd.edu ORIENTATION: MANDATORY - January 16, 2020; 09:00a-10:50a; IAC-144. IN-CLASS SESSIONS: MANDATORY - Exam #1 - March 05, 2020; 09:00a-10:50a; IAC-144. MANDATORY - Exam #2 - April 09, 2020; 09:00a-10:50a; IAC-144. MANDATORY - Exam #3 - May 07, 2020; 09:00a-10:50a; IAC-144. MANDATORY - Final Exam - May 21, 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.
- 2377 Mitchell, P  
Comments: CONTACT: patrick.mitchell@mccd.edu ORIENTATION: OPTIONAL - January 16, 2020; 08:30a-09:50a; SCI-204. IN-CLASS SESSIONS: MANDATORY - Mid-Term #1 - February 20, 2020; 08:00a-09:50a; SCI-204. MANDATORY - Mid-Term #2 - April 09, 2020; 08:00a-09:50a; SCI-204. MANDATORY - Final Exam - May 21, 2020; 07:00a-08:50a; SCI-204. COMMENTS: Students must successfully complete the orientation module in Canvas by January 17, 2020, in order to remain enrolled in the class. 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.
- 6148 MW 05:30p-07:20p 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.
- 6278 TTh 07:30p-09:20p Staten, P VOC-140  
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**

8600 TTh 05:30p-07:20p Narvaez, J LB-B-110

**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 (OFC & OFB), and metal fabrication. Skills will be fashioned around industry-accepted standards of performance.

**Merced Campus**

- 9146 MTWTh 08:00a-09:00a Ornelas, R MA-1  
MTWTh 09:10a-11:30a Ornelas, R MA-2  
Comments: Section 9146 is held from 03/16/20 to 04/29/20. 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.
- 9147 MTWTh 08:00a-09:00a Ornelas, R MA-1  
MTWTh 09:10a-11:30a Ornelas, R MA-2  
Comments: Section 9147 is held from 03/16/20 to 04/29/20.

**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**

- 6057 M 05:10p-07:00p Ornelas, R MA-1  
M 07:00p-10:00p Ornelas, R MA-2  
Comments: 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**

- 1206 F 08:00a-12:50p Donovan, T MA-1  
Comments: Web component which will require you 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 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.

**Merced Campus**

- 9020 MTWTh 01:00p-01:50p Donovan, T MA-1  
MTWTh 02:00p-04:30p Donovan, T MA-2  
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.
- 9290 MTWTh 01:00p-01:50p Donovan, T MA-1  
MTWTh 02:00p-04:30p Donovan, T MA-2  
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 clutches and torque converters, mechanical and hydraulic transmissions, differential, and final drives. Safety will be stressed throughout.

**Merced Campus**

- 9002 MTWTh 08:00a-08:50a Ornelas, R MA-1  
 MTWTh 09:00a-12:10p Ornelas, R MA-2  
 Comments: Section 9002 is held from 01/13/20 to 03/11/20.  
 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.
- 9291 MTWTh 08:00a-08:50a Ornelas, R MA-1  
 MTWTh 09:00a-12:10p Ornelas, R MA-2  
 Comments: Section 9291 is held from 1/13/20 to 3/11/20.

**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**

- 9003 MTWTh 01:00p-01:50p Donovan, T MA-1  
 MTWTh 02:00p-04:30p Donovan, T MA-2  
 Comments: Section 9003 is held from 04/01/19 to 05/08/19.  
 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.
- 9292 MTWTh 01:00p-01:50p Donovan, T MA-1  
 MTWTh 02:00p-04:30p Donovan, T MA-2  
 Comments: Section 9292 is held from 03/30/20 to 05/06/20.

**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**

- 9072 F 01:00p-05:15p Ornelas, R MA-1  
 Comments: Section 9072 is held from 02/21/20 to 03/13/20.
- 9257 F 01:00p-05:15p Ornelas, R MA-1  
 Comments: Section 9257 is held from 01/17/20 to 02/07/20.

**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, electron 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**

- 9004 MTWTh 01:00p-02:20p Donovan, T MA-1  
 MTWTh 02:30p-04:45p Donovan, T MA-2  
 Comments: Section 9004 is held from 01/13/20 to 02/20/20.  
 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.
- 9293 MTWTh 01:00p-02:20p Donovan, T MA-1  
 MTWTh 02:30p-04:45p Donovan, T MA-2  
 Comments: Section 9293 is held from 01/13/20 to 02/20/20.

**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**

- 6014 W 05:10p-10:00p Ornelas, R MA-1  
 Comments: Web Component which will require you to have internet access.

**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**

- 6116 TTh 05:30p-09:20p Donovan, T MA-1  
 Comments: Web Component which will require you to have internet access.

**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

**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**

- 1560 - Doiel, M  
 Comments: MANDATORY ORIENTATION Friday January 17, 2020, 1-2pm, MUS-2.

**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**

- 1006 TTh 12:30p-01:45p Simon, A MUS-1

**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.

**Merced Campus**

1827 TTh 09:30a-10:45a Dahman, N MUS-1

**MUSA-27A Class Piano I**

3.0 units: 3.0 hours lec.

This course is designed for the beginning piano student with little or no background in piano. It is designed to develop sight reading skill and keyboard technique incorporated into solo and ensemble music.

**Merced Campus**

1667 MWF 11:00a-11:50a Doiel, M MUS-1

**MUSA-27B Class Piano II**

3.0 units: 3.0 hours lec.

Prerequisite: Take MUSA-27A; Minimum grade C,P; This course is a continuation of MUS-27A. It is the second semester of class piano studies. The student will perform musical pieces with greater accuracy and musical expression.

**Merced Campus**

1896 MWF 11:00a-11:50a Doiel, M MUS-1

**Music: Ensemble (MUSE)****MUSE-41 Concert Band**

1.0 units:

3.0 hours lab. This course provides experience in performing concert and symphonic band literature chosen from Classical, Romantic, Modern and contemporary eras. Literature may range from sacred to secular in the genres of classical, traditional, pop, and jazz band repertoire. Attention will be given to the composers of the literature and particular performance practices historically applicable. Public performance and exchange concerts are scheduled in addition to class rehearsals. This course may be repeatable three times.

**Merced Campus**

6302 T 05:30p-08:20p Doiel, M MUS-2

**MUSE-42 Jazz Ensemble**

1.0 units:

3.0 hours lab. This course is a study of jazz music in the big band tradition and modern eras, as is standard first semester lower division college performance ensemble classes. Attention will be given to the composers of the literature and those particular performance practices which are historically applicable. The course emphasizes individual, sectional and ensemble instrumental performance. Tone, intonation, balance, precision, breath control, articulation, style, and improvisation are included. The jazz ensemble makes several public performances each year. This course may be repeatable three times.

**Merced Campus**

6328 M 05:30p-08:35p Taylor, K MUS-2

**MUSE-44 Chorale**

1.0 units:

3.0 hours lab. This course specializes in the study and performance of choral literature chosen from Renaissance, Baroque, Classical, Romantic, Modern and contemporary eras and may include both sacred and secular genres of classical, pop, and jazz choral literature. Attention will be given to the composers of the literature and particular performance practices historically applicable. An emphasis will be made on literature written or arranged for large vocal ensembles. Emphasis includes part-singing, intonation, breath control, vocal development, blend, tone coloring, and choral balance. The Chorale performs several times throughout the year. This course may be repeated three times.

**Merced Campus**

1909 MWF 11:00a-11:50a Simon, A MUS-2

Comments: MUSE-44 requires a \$25 materials fee.

**Music: General (MUSG)****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	VOC-138
1750	MWF	09:00a-09:50a	Simon, A	VOC-138
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 MUS-2

**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 relationships 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.

**Merced Campus**

1047	TTh	02:00p-03:15p	Dahman, N	MUS-2
1482	MWF	10:00a-10:50a	Simon, A	MUS-2
1785	TTh	12:30p-01:45p	Doiel, M	MUS-2
1864	MWF	08:00a-08:50a	Smallwood, P	ART-1
1865	MWF	09:00a-09:50a	Smallwood, P	ART-1
1884	TTh	11:00a-12:15p	Stocking, S	MUS-2
1897	MWF	12:00p-12:50p	Doiel, M	MUS-2
1924	MW	03:30p-04:45p	Taylor, K	MUS-2
1984	TTh	09:30a-10:45a	Stocking, S	MUS-2
6028	W	05:30p-08:20p	Keane, F	MUS-2
9896	S	09:00a-12:20p	Keane, F	MUS-2

Comments: Section 9896 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**

8628 MW 05:30p-06:45p Faria, M LB-B-106

**MUSG-17 Introduction to Digital Music**

3.0 units: 3.0 hours lec.

Prerequisite: Take MUS-01 or MUSG-10; Minimum Grade C,P; An introduction to the principles, uses, and applications of professional music software and MIDI hardware. Students work with MIDI software and hardware in order to explore the basic possibilities of digital music technology, including composition, sequencing, arranging, digital recording, and printing music.

**Merced Campus**

1915 TTh 12:30p-01:45p Dahman, N VOC-138

**Music: Theory (MUST)****MUST-02 Music Theory II (Diatonic Harmony II)**

3.0 units: 3.0 hours lec.

Prerequisite: Take MUS-04A Minimum grade C,P; This course is a continuation of MUS-04A. It is the second semester of music theory studies. It completes a thorough study of diatonic harmony while introducing basic





concepts found in chromatic harmony. This course is open to all students who meet the prerequisites but is intended for the music major. This is a core requirement for the student who is pursuing an AA in music.

**Merced Campus**

1205 TTh 09:30a-10:45a Doiel, M 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**

1207 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 Hobbs, J Online  
Comments: CONTACT: jennifer.hobbs@mccd.edu for course specific questions.

2348 Pecchenino, M Online  
Comments: CONTACT: pecchenino.m@mccd.edu ORIENTATION: MANDATORY: Wednesday, January 15, 2020; 04:00p-05:00p; AHC-139.

2349 Hobbs, J Online  
Comments: CONTACT: jennifer.hobbs@mccd.edu for course specific questions.

2911 MW 08:00a-09:15a Pecchenino, M VOC-39  
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;

VOC-39. COMMENTS: 3 lecture hours will be online

**Merced Campus**

1020 MW 11:00a-12:15p Pecchenino, M VOC-39  
Comments: Requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.

1080 TTh 11:00a-12:15p Hobbs, J VOC-39  
Comments: Requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.

1341 TTh 09:30a-10:45a Hobbs, J VOC-39  
Comments: Requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.

6031 Th 05:30p-08:20p Cronk, L VOC-39

**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 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**

3137 - Pecchenino, 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 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 - Pecchenino, 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 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.

**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 MW 12:30p-01:50p Hobbs, J VOC-39  
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.

**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-





cation of safe food handling ,supervisory functions including record-keeping and quality assurance.

**Merced Campus**

1010 MW 03:00p-04:15p Goodwin, M VOC-142  
 MW 04:15p-04:50p Goodwin, M VOC-142  
 Comments: Requires online assignments. Additional fees may apply. For specific text/access code please see your instructor. Limitation on enrollment: students must provide immunization documentation as required by California State law to work or volunteer in a child care facility.

**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 Supervisory 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  
 MW 06:30p-07:45p Womble, R VOC-142  
 Comments: Section 9183 is from 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-60 Sports and Exercise Nutrition**

3.0 units: 3.0 hours lec.

This course focuses on examining the effect of diet on physical performance. Students will have the opportunity to evaluate an athlete's dietary intake and physical activity. The subjects of nutritional supplements, sports drinks, and carbohydrate loading will also be presented. This course is recommended for Kinesiology majors and recommended for Nutrition and Foods majors.

**Merced Campus**

1009 MW 09:30a-10:45a Hobbs, J VOC-39  
 Comments: Additional fees may apply. For specific text/access code please see your instructor.

**Philosophy (PHIL)****PHIL-01 Introduction to Philosophy**

3.0 units: 3.0 hours lec.

Prerequisite: ENGL-85AC or ENGL-85E. Minimum grade C, P. This course introduces philosophical ideas and methods concerning self-identity, knowledge, reality and values. These topics will be discussed through reading primary philosophical texts taken from the traditional and modern Western philosophical canon, as well as from non-canonical sources.

**Merced Campus**

1659 MWF 10:00a-10:50a Hallman, M IAC-109  
 1660 TTh 11:00a-12:15p Hallman, M IAC-109

**PHIL-04 Modern Philosophy**

3.0 units: 3.0 hours lec.

Prerequisite: TENG-85AC or ENGL-85E or ENGL-A. Minimum grade C, P. This course presents an introduction to the history of philosophy from the Renaissance to the present, with emphasis on Descartes through Kant.

**Merced Campus**

1237 MW 02:00p-03:15p Hicks, T IAC-109

**PHIL-05 Contemporary Ethical Issues**

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 examines the concept of morality and values, representative ethical theories, and their application to contemporary ethical issues such as capital punishment, abortion, war, animal rights, and economic justice.

**Merced Campus**

1852 TTh 09:30a-10:45a Hicks, T VOC-111

**PHIL-10 Critical Thinking**

3.0 units: 3.0 hours lec.

Prerequisite: ENGL-85AC or ENGL-85E. 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**

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



Courses with this icon have course materials that are free of charge and therefore not required to be purchased.

Comments: Section 9074 is held from 01/14/19 to 03/15/19.  
 9075 MWF 07:00a-08:50a Werness, G IAC-146  
 Comments: Section 9075 is held from 03/16/20 to 05/22/20.

## 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  
 Comments: Contact: chavez.c@mccd.edu  
 2514 Piro, V Online  
 Comments: CONTACT: For course-specific questions, contact piro.v@mccd.edu  
 2516 Kahlert, S Online  
 Comments: CONTACT: For course-specific questions, contact shirley.kahlert@mccd.edu  
 2521 Mumford, J Online  
 Comments: CONTACT: For course-specific questions, contact Mumford.j@mccd.edu  
 2555 Rempel, D Online  
 Comments: CONTACT: For course-specific questions, contact denise.rempel@mccd.edu.  
 2665 Rempel, D Online  
 Comments: CONTACT: For course-specific questions, contact denise.rempel@mccd.edu.

### Merced Campus

1136 MWF 08:00a-08:50a Diaz, K VOC-111  
 Comments: Section 1136 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.  
 1142 MW 09:30a-10:45a Taber, J VOC-111  
 Comments: Section 1142 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.  
 1251 MW 12:30p-01:45p Rempel, D VOC-111  
 1425  TTh 02:00p-03:15p Withers, M VOC-111  
 Comments: Section 1425 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.  
 1651  MW 11:00a-12:15p Withers, M VOC-111  
 Comments: Section 1651 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.  
 1668 MW 10:00a-11:15a Epstein-Corbin, S ART-2  
 Comments: Section 1668 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.

1742 MW 02:00p-03:15p Staff, M VOC-111  
 Comments: Section 1742 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.  
 1763 TTh 11:00a-12:15p Zamora, J IAC-142  
 Comments: Section 1763 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.  
 1789 MWF 08:00a-08:50a Staff, M IAC-109  
 Comments: Section 1789 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.  
 1829 TTh 12:30p-01:45p Koepnick, S VOC-111  
 Comments: Section 1829 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.  
 1902 MWF 07:00a-07:50a Piro, V IAC-142  
 Comments: Section 1902 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.  
 1931 TTh 08:00a-09:15a Rocha, M VOC-111  
 Comments: Section 1931 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.  
 1942 TTh 11:00a-12:15p Staff, M VOC-111  
 Comments: Section 1942 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.  
 6102 TTh 05:30p-06:45p Withers, M VOC-111  
 Comments: Section 6102 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.  
 6216 T 05:30p-08:20p Brown, G VOC-10  
 Comments: Section 6216 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 an English course will automatically enroll you in an English laboratory (EDU-112A-5003). This laboratory is a noncredit course; therefore, there are no fees for this course and attendance is optional.  
 6456 W 07:00p-09:50p Martin Ward, S ART-2  
 Comments: Section 6456 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 an English course will automatically enroll you in an English laboratory (EDU-112A-5003). This laboratory is a noncredit course; therefore, there are no fees for this course and attendance is optional.  
 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.

### 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-10:45p Chavez, C LB-B-136  
Comments: Section 4660 is a Learning Community course which requires registration in GUID-45-4484. Section 4660 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.
- 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.
- 8650 MW 05:30p-06:45p Flanagan, J LB-B-135  
Comments: Section 8650 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.

## Photography (PHOT)

### PHOT-10A Introduction to Photography

3.0 units: 2.0 hours lec,

3.0 hours lab. Introduction to Photography covers camera and dark-room 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-10B Intermediate Photography

3.0 units: 2.0 hours lec,

3.0 hours lab. 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

- 6034 W 05:10p-07:00p Gwartney, J ART-8  
W 07:10p-10:00p Gwartney, J ART-8  
Comments: PHOT-10B requires that students provide their own DSLR or point and shoot digital camera and pay a \$40 materials fee.

### 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

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

## 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.

#### 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:

3.0 hours lab. Prerequisite: Take PHSC-01 This introductory laboratory is designed to provide hands-on exploration in parallel with topics covered in the lecture course, PHSC-01. Emphasis will be placed on 1) classical science experimentation, 2) laboratory activities in the real world, and 3) support of the laboratory activities through use of modern technologies. 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 basic principles of physics and chemistry including matter, physical and 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:





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

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
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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-02A General Physics I

4.0 units: 3.0 hours lec,

3.0 hours lab.Prerequisite: Take 1 group; Take MATH-02 or MATH-02H; Minimum grade C,P; or Take MATH-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

1247	MWF	11:00a-11:50a	Staff	SCI-205
	M	08:00a-10:50a	Staff	SCI-106

### 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

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

### 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. PHYS-04A is the first semester of a three-semester sequence intended to give a technical introduction to physics with emphasis on concepts and principles of physics and problem-solving. PHYS-04A includes the areas of mechanics, wave motion, fluids, and thermal phenomena.

#### Merced Campus

1369	MW	02:00p-03:15p	Pourtarvirdi, Z	VOC-140
	W	08:00a-10:50a	Pourtarvirdi, Z	SCI-106
1689	MW	02:00p-03:15p	Pourtarvirdi, Z	VOC-140
	Th	08:00a-10:50a	Pourtarvirdi, Z	SCI-106
6029	TTh	05:30p-06:45p	Staff	SCI-106
	T	07:00p-09:50p	Staff	SCI-106

#### Los Banos Campus

4678	MWF	01:00p-01:50p	Huff, A	LB-B-111
	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-04B Physics II

4.0 units: 3.0 hours lec,

3.0 hours lab.Prerequisite: Take MATH-04B

OR

Take PHYS-04A, MATH-04B; Minimum grade C,P;PHYS-04B is a continuation of PHYS-04A with emphasis on the areas of electricity, magnetism, and light.

#### Merced Campus

1046	TTh	11:00a-12:15p	Pourtarvirdi, Z	VOC-140
	T	02:00p-04:50p	Pourtarvirdi, Z	SCI-106
1533	TTh	11:00a-12:15p	Pourtarvirdi, Z	VOC-140
	W	11:00a-01:50p	Pourtarvirdi, Z	SCI-106
1960	TTh	11:00a-12:15p	Pourtarvirdi, Z	VOC-140
	Th	02:00p-04:50p	Pourtarvirdi, Z	SCI-106
6063	MW	05:30p-06:45p	Pourtarvirdi, Z	SCI-106
	W	07:00p-09:50p	Pourtarvirdi, Z	SCI-106

#### Los Banos Campus

4680	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-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

1690	TTh	12:30p-01:45p	Pourtarvirdi, Z	VOC-140
	T	08:00a-10:50a	Pourtarvirdi, Z	SCI-106

### 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

1738	TTh	09:30a-10:45a	Staff	SCI-111
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## 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

1092	TTh	10:30a-12:45p	Codd, A	PS-1
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Comments: Web Component which will require you to have internet access.

1105	MW	01:00p-03:15p	Codd, A	PS-1
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Comments: Web component which will require you to have internet access.

1140	MW	10:30a-12:45p	Codd, A	PS-1
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Comments: Web component which will require you to have internet access.





6068 Th 05:10p-10:00p Codd, A PS-1  
Comments: Web component which will require you to have internet access.

**Los Banos Campus**

4692 MW 04:00p-06:15p Mosell, S LB-B-101  
8692 TTh 05:00p-07:15p Mosell, S LB-B-104

**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.

**Online**

2308 Mayate-Deandreis, L Online  
Comments: CONTACT: [www.mccd.edu/myhelp/](http://www.mccd.edu/myhelp/) for information about logging into online courses.

2497 Gardner, J Online  
Comments: CONTACT: [jennifer.gardner@mccd.edu](mailto: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 MW 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 well as non-European countries. Emphasis will be placed on the governments 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/](http://www.mccd.edu/myhelp/) for information about logging into online courses.

2008 Williamson, L Online

Comments: CONTACT: [www.mccd.edu/myhelp/](http://www.mccd.edu/myhelp/) for information about logging into online courses.

2009 Adams, H Online  
Comments: CONTACT: [www.mccd.edu/myhelp/](http://www.mccd.edu/myhelp/) for information about logging into online courses.

2322 Clifford, J Online  
Comments: CONTACT: [www.mccd.edu/myhelp/](http://www.mccd.edu/myhelp/) for information about logging into online courses.

2365 Clifford, J Online  
Comments: CONTACT: [www.mccd.edu/myhelp/](http://www.mccd.edu/myhelp/) for information about logging into online courses.

2524 Bera, S Online  
Comments: CONTACT: [www.mccd.edu/myhelp/](http://www.mccd.edu/myhelp/) for information about logging into online courses.

2922 Bera, S Online  
Comments: CONTACT: [www.mccd.edu/myhelp/](http://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 MWF 12:00p-12:50p Nichols, D AHC-129  
1914 MWF 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 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.

**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



research. Attention will be focused on foundations of experimental design, procedures and methodology for collecting research data, and techniques used to analyze, report, and present findings in APA format. Research design will also be examined through a review of past psychological research.

**Merced Campus**

1052	MWF	11:00a-11:50a	Engelke, V	VOC-138
1279	MW	02:00p-03:15p	Williamson, L	VOC-138
1816	TTh	09:30a-10:45a	Murphy, J	IAC-146

**Los Banos Campus**

4704	MWF	10:00a-10:50a	Coahran, S	LB-B-135
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Comments: Section 4704 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-05 Introduction to Statistics in Psychology**

3.0 units: 3.0 hours lec.

Prerequisite: Previously taken MATH-61 or MATH-62 or MATH-88 or MATH-C and passed with a minimum grade C,P. OR Concurrently enrolled in PSYC-95S. The theory of parametric and nonparametric statistical methods and their application to psychological data. Topics include: descriptive statistics, probability and sampling distributions; statistical inference and power, linear correlation and regression, chi-square; t-tests; and one-way analysis of variance (ANOVA). Application of both hand-computation and statistical software printouts to data in a psychology context, including the interpretation of the relevance of the statistical findings.

**Merced Campus**

1003	MW	02:00p-03:15p	Bera, S	IAC-145
1007	MWF	12:00p-12:50p	Gargano, G	IAC-106
1759	TTh	12:30p-01:45p	Gargano, G	IAC-146
1888	TTh	08:00a-09:15a	Gargano, G	AHC-129

**Los Banos Campus**

4708	MWF	08:00a-08:50a	Coahran, S	LB-B-106
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Comments: Section 4708 requires students to register for PSYC-95S-4710. Section 4708 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-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.		

**Merced Campus**

1183	MW	12:30p-01:45p	Nunez, J	VOC-139
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	AHC-123
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.

1836	TTh	03:30p-04:45p	Patton, M	VOC-139
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Comments: Section 1836 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.

6018	W	05:30p-08:20p	Garza, M	CDCM-16
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Comments: WC-Web Component which will require you to have internet access.

**Los Banos Campus**

8710	W	07:00p-09:50p	Lemons, S	LB-A-103
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**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.		
2412	Williamson, L	Online
Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.		

**Merced Campus**

1707	MWF	10:00a-10:50a	Clifford, J	IAC-139
1887	Th	02:00p-04:50p	Engelke, V	IAC-139
1894	MWF	11:00a-11:50a	Clifford, J	IAC-139
6023	T	07:00p-09:50p	Pierce, T	IAC-145

**Los Banos Campus**

4734	MWF	11:00a-11:50a	Coahran, S	LB-B-107
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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.

**Merced Campus**

1184	TTh	11:00a-12:15p	Murphy, J	AHC-129
1903	MWF	01:00p-01:50p	Williamson, L	IAC-139

**Los Banos Campus**

4712	MW	02:00p-03:15p		LB-B-106
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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-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	VOC-9
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**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/](http://www.mccd.edu/myhelp/) for information about logging into online courses.

**PSYC-37 Sport Psychology**

3.0 units: 3.0 hours lec.

This course will examine the Psychological Dimensions of Sport and Exercise Performance. Topics will include motivation, personality, emotions and mood as they relate to individual and group sports. Social psychology of sport and cognitive and behavioral interventions will also be discussed. Relevant and current literature in the field will be used to support concepts.

**Merced Campus**

1269 MWF 09:00a-09:50a Engelke, V IAC-145

**PSYC-95S Statistics Support**

1.0 units:

1.0 hours lab. Prerequisite: Concurrent enrollment in PSYC-05A 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

**Merced Campus**

1019 MWF 01:00p-01:50p Gargano, G IAC-106  
1029 TTh 11:00a-12:15p Gargano, G IAC-106

**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.

**Radiologic Technology (RADT)****RADT-12A Radiologic Procedures II**

4.0 units: 3.0 hours lec,

3.0 hours lab. This course covers basic radiographic anatomy and positioning of the lower gastrointestinal tract, biliary system, genitourinary system, vertebral column, bony thorax, mobile and trauma radiography. The laboratory portion of this course will include positioning exercises and image evaluation of these areas to achieve both accuracy and speed.

**Merced Campus**

1718 T 08:00a-10:50a Donnelly, S AHC-148  
T 11:30a-02:20p Donnelly, S AHC-150  
1719 T 08:00a-10:50a Donnelly, S AHC-148  
Th 08:00a-10:50a Donnelly, S AHC-150

**RADT-12B Clinical Education I**

5.0 units:

15.0 hours lab. Prerequisite: Take RADT-12A 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, positioning skills, equipment utilization, radiation protection application, patient information management, work efficiency and image evaluation is provided.

**Merced Off-Campus**

1720 - Donnelly, S

Comments: Section 1720 requires 270 hours by arrangement.

**RADT-13 Radiologic Sciences I**

3.0 units: 2.0 hours lec,

3.0 hours lab. Prerequisite: Take MATH-C AND CHEM-02A; Minimum Grade C,P; This course covers the nature and characteristics of radiation, x-ray production, and photon interactions with matter. It also establishes a knowledge base in radiographic and mobile equipment requirements and design. The laboratory portion of this course will focus on solving radiographic technical problems and verification of the basic laws of the radiation sciences.

**Merced Campus**

1717 M 08:00a-09:50a Lang, K AHC-148  
M 10:30a-01:20p Lang, K AHC-148

**RADT-16A Adv Radiologic Procedures II**

2.5 units: 2.5 hours lec.

This course is designed to provide entry-level radiography students with an introduction to and basic understanding of the operation of CT and MRI devices. In addition, the basic concepts of venipuncture and administration of diagnostic contrast agents will be introduced. The appropriate delivery of patient care during these procedures is emphasized.

**Merced Campus**

1722 W 08:00a-10:15a Donnelly, S AHC-148

**RADT-16B Advanced Clinical Education I**

10.0 units:

30.0 hours lab. This course provides continued clinical experience for application of theoretical principles and concepts covered in previous and current didactic coursework. Clinical experience in patient care and handling, positioning skills, equipment utilization, radiation protection application, patient information management, work efficiency and image evaluation is provided.

**Merced Off-Campus**

1724 - Lang, K

Comments: Section 1724 requires 540 hours by arrangement.

**RADT-16C Fluoroscopy**

2.3 units: 40.5 hours lec.

This course is designed to prepare the senior radiography student to sit for the California Radiologic Technologist Fluoroscopy Permit examination.

**Merced Campus**

1716 W 10:30a-12:35p Lang, K AHC-148

**RADT-24 Work Experience in Radiology**

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 established work site prior to enrolling in the course.

**Merced Campus**

3161 - Donnelly, 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>. 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. .

3162 - Donnelly, 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-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 - Donnelly, S

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 Estate (REAL)

#### 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; 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

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.

#### REGN-15 Foundations of Nursing

9.0 units: 72.0 hours lec,

270.0 hours lab. Prerequisite: Take REGN-18

OR

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

OR

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, stitchery 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	MTWTh	09:15a-02:15p	Yang, C	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; unequal-

ity; 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.

**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**

1086	MWF	08:00a-08:50a	Saich, E	IAC-139
1600	MWF	11:00a-11:50a	Bishop, K	VOC-143
1677	MWF	01:00p-01:50p	Shaw, M	AHC-129
1780	TTh	02:00p-03:15p	Bishop, K	VOC-143
1809	MWF	02:00p-02:50p	Shaw, M	AHC-129
1810	TTh	08:00a-09:15a	Saich, E	VOC-9
1813	TTh	03:30p-04:45p	Bishop, K	VOC-143
1817	MWF	09:00a-09:50a	Saich, E	IAC-139
1899	TTh	11:00a-12:15p	Mirfakhraie, R	IAC-110
1900	TTh	12:30p-01:45p	Mirfakhraie, R	IAC-110
1912	TTh	09:30a-10:45a	Mirfakhraie, R	LESH-111
6374	T	07:00p-09:50p	Riley, J	VOC-143
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 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.

**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 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.

## 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.

**Merced Campus**

1270 TTh 09:30a-10:45a Saich, E VOC-9  
1869 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  
Comments: Web component which will require you to have internet access.

1746 TTh 08:00a-10:15a Bell, S PS-1  
Comments: Web component which will require you to have internet access.

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  
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.

1530 MTWThF 09:00a-09:50a Colomer-Flores, M IAC-108  
Comments: Section 1530 requires online assignments.

Students need to have a purchased access code as well as a computer with internet connection and recording/listening capabilities.

1766 MTWThF 01:00p-01:50p Sobalvarro, N ART-7  
Comments: Section 1766 requires online assignments.

Students need to have a purchased access code as well as a computer with internet connection and recording/listening capabilities.

1767 MWF 02:00p-03:25p Kreide, C IAC-108  
Comments: Section 1767 requires online assignments.

Students need to have a purchased access code as well as a computer with internet connection and recording/listening capabilities.

1768 MTWThF 12:00p-12:50p Sobalvarro, N ART-7  
Comments: Section 1768 requires online assignments.

Students need to have a purchased access code as well as a computer with internet connection and recording/listening capabilities.

6133 TTh 07:30p-09:45p Estrada, A ART-7  
Comments: Section 6133 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.

**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

**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.

**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.

**Student Government (STGV)****STGV-33A Student Government I**

2.0 units: 1.0 hours lec,

3.0 hours lab. This course surveys the theory and practice of parliamentary law, committee techniques, and democratic organization. Students will study some of the factors of successful leadership and effective group membership. 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 fundamentals, 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**



5911 S 09:00a-04:00p McCrary, E AG-10

**Tutorial (TUTR)****TUTR-35 Tutorial Seminar**

1.0 units:

3.0 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.

**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 on-line.

**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**

6106 W 05:30p-08:20p Downing, S VOC-114  
Comments: Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

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 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.

**Vocational Nursing (VOCN)****VOCN-44 Principles & Practices of Nursing Care**

14.0 units: 144.0 hours lec,

324.0 hours lab. Prerequisite: Take VOCN-47C

OR

Take VOCN-42; Minimum grade C,P; This course emphasizes theoretical principles of Maslow's basic human needs of safety, hygiene, rest, activity, comfort, and self-actualization as it relates to common and complex health problems occurring in individuals of all age groups.

Pathophysiologic and psychosocial assessment and management of medical-surgical disorders are stressed. General pharmacological and nutritional considerations are included. This course is part of the third semester of a three-semester program. Clinical experience is integrated.

**Merced Campus**

1072 TW 08:00a-11:50a Alvarez, C AHC-130  
Thompson, L  
Suliman, S  
T 12:30p-03:20p AHC-140  
Comments: Section 1072 requires 270 hours by arrangement.

**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.

**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 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-07-9918, 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.  
 9295 MTWTh 08:00a-09:25a Russell, C PS-2  
 MTWTh 09:40a-12:00p Russell, C IT-6  
 Comments: Section 9295 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 02:00p-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-07-9918, 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.  
 Section 9932 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.

**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.  
 9948 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**

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-10:00p Russell, C IT-6  
 Comments: Section 9256 is held from 01/14/20 to 03/12/20.  
 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.  
 9952 TTh 05:00p-06:50p Xiong, F OFLL-HBPG  
 TTh 07:00p-09:50p Xiong, F OFLL-HBPG  
 Comments: 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.

**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**

- 9014 MTWTh 08:00a-02:30p Scroggins, B IT-6  
Comments: 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.
- 9607 TTh 05:10p-08:00p Scroggins, B IT-6  
Comments: Section 9607 is held from 03/16/20 to 05/21/20. Web Component which will require you to have internet access.

**Los Banos Off-Campus**

- 9926 MTWTh 08:00a-03:25p 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.
- 9942 MTWTh 08:00a-03:25p Xiong, F OFLL-HBPG  
Comments: 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.
- 9950 MW 05:30p-08:20p Xiong, F OFLL-HBPG  
Comments: Section 9950 is held from 03/16/20 to 05/21/20. Section 9950 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.

**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  
TWTh 07:00a-07:50a Scroggins, B IT-6  
Comments: Web Component which will require you to have internet access.
- 9154 F 08:00a-09:00a Scroggins, B IT-6  
S 08:00a-11:10a Scroggins, B IT-6  
Comments: Section 9154 is held from 01/17/20 to 03/14/20. Web Component which will require you to have internet access.

**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 MWF 05:30p-06:20p Xiong, F OFLL-HBPG  
MWF 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.

**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



		Comments: This course has a MANDATORY ORIENTATION. Please see the 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 registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 5 unit course is designed for students will work 300 volunteer or 375 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.
3006	- Pimentel, M	Comments: This course has a MANDATORY ORIENTATION. Please see the 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 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 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.
3065	- 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 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.
3066	- 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 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.
3080	- 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 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.
3081	- 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 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.
3082	- 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 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.
3083	- 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 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.
3084	- 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 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.
3085	- 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 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.
3097	- 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 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.
3098	- 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 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.
<b>Los Banos Campus</b>		
3091	- Cates, K	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> . 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: <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> 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: <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> 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	
<b>Dos Palos</b>			
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.





# 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, legal, 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. 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



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

### 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.bluet-murp@mccd.edu for course-specific questions.  
2318 Bluett-Murphy, V Online  
Comments: CONTACT: victoria.bluet-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

Comments: CONTACT: ronan.cornec@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.

## 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-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

## 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 Kahlert, S Online  
Comments: CONTACT: Shirley.kahlert@mccd.edu.  
2337 Piro, V Online  
Comments: CONTACT: Piro.v@mccd.edu.  
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.	
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 laboratory (EDU-112A). 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 laboratory (EDU-112A). 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.	

2515	Kahlert, S	Online
	Comments: CONTACT: shirley.kahlert@mccd.edu	
2520	Mumford, J	Online
	Comments: CONTACT: Mumford.j@mccd.edu.	
2666	Rempel, D	Online
	Comments: CONTACT: denise.rempel@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 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.	

**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 COMMENTS: Access code and login REQUIRED within the first week of instruction.	

**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		Online
	Comments: Section 2942 is held from 03/02/20 to 03/27/20.	
2943		Online
	Comments: Section 2943 is held from 02/03/20 to 02/28/20.	



### 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

### 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

### 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	

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

#### 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		Online
	Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.	
2491		Online
	Comments: Contact: TBA	
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.	

### 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	Online
	Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.	
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.	
2331	Harvey, E	Online
	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	Online
	Comments: CONTACT: james.cook@mccd.edu COMMENTS: Students need to log-in within the first two days of class.	
2402	Connors, J	Online
	Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.	
2492	Cook, J	Online
	Comments: CONTACT: james.cook@mccd.edu COMMENTS: Students need to log-in within the first two days of class.	
2523	Jackson, M	Online
	Comments: CONTACT: www.mccd.edu/myhelp/ for information about logging into online courses.	

### 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	McCall, S	Online
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#### 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**

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

**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 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 Leshner 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.

**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 Hobbs, J Online  
Comments: CONTACT: jennifer.hobbs@mccd.edu for course specific questions.
- 2348 Pecchenino, M Online  
Comments: CONTACT: pecchenino.m@mccd.edu ORIENTATION: MANDATORY: Wednesday, January 15, 2020; 04:00p-05:00p; AHC-139.
- 2349 Hobbs, J Online  
Comments: CONTACT: jennifer.hobbs@mccd.edu for course specific questions.

**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).

**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.

**Online**

- 2360 Rempel, D Online  
Comments: CONTACT: For course-specific questions, contact Denise.rempel@mccd.edu. Enrolling in an English course will automatically enroll you in an English laboratory (EDU-112A-5003). This laboratory is a noncredit course; therefore, there are no fees for this course and attendance is optional.
- 2397 Chavez, C Online  
Comments: Contact: chavez.c@mccd.edu
- 2514 Piro, V Online  
Comments: CONTACT: For course-specific questions, contact piro.v@mccd.edu
- 2516 Kahlert, S Online  
Comments: CONTACT: For course-specific questions, contact shirley.kahlert@mccd.edu
- 2521 Mumford, J Online  
Comments: CONTACT: For course-specific questions, contact Mumford.j@mccd.edu.
- 2555 Rempel, D Online  
Comments: CONTACT: For course-specific questions, contact denise.rempel@mccd.edu.
- 2665 Rempel, D Online  
Comments: CONTACT: For course-specific questions, contact denise.rempel@mccd.edu.

**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.

**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

## 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.

2009 Adams, H 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.

### 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.bluet-murp@mccd.edu for course-specific questions.

2362 Bluett-Murphy, V Online  
 Comments: CONTACT: victoria.bluet-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.

2412 Williamson, L 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: 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-18 Pharmacology in Nursing Practice

3.0 units: 3.0 hours lec. Prerequisite: Take REGN-15

OR

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

## 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 sociologists 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.

#### 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.

### 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/](http://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](mailto: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 on-line.

**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

Online

Comments: Section 2929 is held 03/30/20 to 05/15/20. CONTACT: [toni.pirtle@mccd.edu](mailto: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.



# Short Term Classes

## 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  
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-30-9082, 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-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

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-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.  
9199 MTWTh 09:00a-11:25a Pirtle, T VOC-115  
Comments: Section 9199 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 VOC-115  
Comments: Section 9157 is held 03/16/20 to 05/12/20. 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.
- 9158 MTWTh 08:00a-08:50a Garcia Martinez, J VOC-115  
Comments: Section 9158 is held 03/16/20 to 05/12/20. Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

**Arts - Noncredit (ARTS)****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 TWTh 05:00p-08:20p McCue-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 MTWTh 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-04 This is a class in the principles and theory of engine repair and rebuilding including the disassembly and assembly of engines. There will be emphasis on inspection, measuring, and comparing worn and rebuilt parts. 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-08:50a Gregory, A IT-4A  
 MTWTh 09:25a-12:35p 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.

9400 MTWTh 12:00p-12:50p Gregory, A IT-4A  
 MTWTh 01:05p-04:15p Gregory, A IT-4A  
 Comments: Web Component which will require you to have internet access.

**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.

**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 additional fee for materials.

**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.

**Merced Campus**

9405 MTWTh 08:00a-09:25a Gregory, A IT-4A  
 MTWTh 09:40a-11:05a Gregory, A IT-4A  
 Comments: Section 9405 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-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.

**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.

**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,

tire service, and front-end repairs.

**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, writing 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**

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.

**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 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 TWTTh 05:00p-05:50p McCue-Bryx, L THTR-STG  
 TWTTh 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; 05:00p-08:20p; THTR-STG.  
 Registration NOT allowed before first night of class. Students  
 registering for DRAM-02-9205 must also register for DRAM-  
 02L-9206.

#### DRAM-02L Rehearsal and Performance Lab

1.0 units: 3.0 hours lab.

This course is the lab only portion of Rehearsal and Performance in which students put into practice learned technical skills in technical rehearsal and public performance of a college production. This course 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

9206 - McCue-Bryx, L THTR-STG  
 Comments: Section 9206 is held from 3/9/20 to 3/29/20. MAN-  
 DATORY ORIENTATION: March 9, 2020; 05:00p-9:50p; THTR-  
 STG. Registration NOT allowed before first night of class.

### 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  
 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-  
 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-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-09:25a 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,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 01:40p-03:45p 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 01:40p-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

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 04/6/20 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.  
 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 04/6/20 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.

**Merced 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.  
 Web Component which will require you to have internet access.

**Los Banos Off-Campus**

9916 MTWTh 08:00a-09:20a OFLL-HBPG  
 MTWTh 09:30a-11:35a 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-07-9918, 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.

**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.

**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.

**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.

**Los Banos Campus**

5637 F 08:30a-04:30p Lara, L

**Delhi**

5634 F 08:30a-04:30p Lara, L OFML-DLUSD

**Mariposa**

5630 Th 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

**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.

**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-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 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 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;  
 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 9423 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-9432, 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.

### 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 9286 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.  
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-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.

#### 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  
S 08:00a-12:00p Donnelly, B TCC-5  
S 01:00p-04:50p Donnelly, B TCC-5  
Comments: Section 9063 is held 01/14/20 to 03/19/20. 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.

9067	TTh	05:30p-08:20p	McCall, T	TCC-5
	TTh	08:30p-09:20p	McCall, T	TCC-5
	S	08:00a-12:00p	McCall, T	TCC-5
	S	01:00p-04:50p	McCall, T	TCC-5

Comments: Section 9067 is held from 03/03/20 to 05/21/20. 18 hours by arrangement to be held on two Saturdays to include a 60 minute lunch break. **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.

## 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: .

COURSE DURATION IS 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.

#### Merced Off-Campus

5095	MTWTh	09:00a-11:30a	Murillo, O	OFML-ACHMB
5099	MTWTh	06:00p-08:00p	Murillo, O	OFML-AHS

### 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.

#### Merced Off-Campus

5096 MTWTh 09:00a-11:30a Murillo, O OFML-ACHMB

### 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.

#### Merced Off-Campus

5097	MTWTh	09:00a-11:30a	Murillo, O	OFML-ACHMB
5101	MTWTh	06:00p-08:00p	Murillo, O	OFML-AHS

### 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.

#### Merced Off-Campus

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

### ENG-821 Foundations in Academic Literacy II

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 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

5111 TTh 01:00p-03:15p Lankford, T IAC-122

### ENG-822 Foundations in Academic Literature I

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

5112 TTh 10:30a-12:45p Lankford, T IAC-122

## 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 --- 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

9090 S 08:00a-11:50a Koepnick, S IAC-127  
Comments: Section 9090 is held from 01/14/20 to 03/13/20. .

### 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.

#### Merced Campus

9076 MWF 10:00a-11:50a Barba, M IAC-123  
Comments: Section 9076 is held from 01/13/20 to 03/13/20.



Section 9076 is part of a Puente Learning Community with ENGL-13-9077, Phil-13-9080 and GUID-45-1790.

### 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, hoses, 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 extrication, 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

2900	Online
2917	Online
Comments: CONTACT:	
2942	Online
Comments: Section 2942 is held from 03/02/20 to 03/27/20.	
2943	Online
Comments: Section 2943 is held from 02/03/20 to 02/28/20.	

#### 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
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#### 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: <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> for information about logging into online courses.		





**Merced Campus**

9899 MWF 09:00a-10:50a Kocolas, T AHC-123  
Comments: Section 9899 is a 9-week class that will meet from 3/16/20-5/22/20 except for 4/11 and 4/18, which are non-instructional days.

**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**

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 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.

**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-8:00pm McNally, T

**Merced Off-Campus**

5033 TWTh 11:00a-12:00p Sanchez-Navarro, Z OFML-CHOW

**Industrial Technology (INDT)**

**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**

9006 MTWTh 08:00a-09:25a Hamilton, A IT-3

MTWTh 09:30a-11:50a 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

MWTh 01:40p-03:45p Nagano, J IT-3

Comments: Section 9001 is held from 02/24/20 to 04/02/20.

This is a learning community and requires registering in INDT-41-9001, ELCT-56-9007, ELCT-53A-9005, INDT-35-9006.

9289 MTWTh 12:20p-01:35p Nagano, J IT-3

MTWTh 01:40p-03:45p Nagano, J IT-3

Comments: Section 9289 is held from 02/24/20 to 04/02/20.

**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**





5065 MWF 11:00a-01:00p Bell, S

**Mathematics (MATH)****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-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.

**Merced Campus**

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.

**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**

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.

**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 (OFC & OFB), and metal fabrication. Skills will be fashioned around industry-accepted standards of performance.

**Merced Campus**

9146 MTWTh 08:00a-09:00a Ornelas, R MA-1  
MTWTh 09:10a-11:30a Ornelas, R MA-2  
Comments: Section 9146 is held from 03/16/20 to 04/29/20. 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.  
9147 MTWTh 08:00a-09:00a Ornelas, R MA-1  
MTWTh 09:10a-11:30a Ornelas, R MA-2  
Comments: Section 9147 is held from 03/16/20 to 04/29/20.

**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.

**Merced Campus**

9020 MTWTh 01:00p-01:50p Donovan, T MA-1  
MTWTh 02:00p-04:30p Donovan, T MA-2  
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.  
9290 MTWTh 01:00p-01:50p Donovan, T MA-1  
MTWTh 02:00p-04:30p Donovan, T MA-2  
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 clutches and torque converters, mechanical and hydraulic transmissions, differential, and final drives. Safety will be stressed throughout.

**Merced Campus**

9002 MTWTh 08:00a-08:50a Ornelas, R MA-1  
MTWTh 09:00a-12:10p Ornelas, R MA-2  
Comments: Section 9002 is held from 01/13/20 to 03/11/20. 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.  
9291 MTWTh 08:00a-08:50a Ornelas, R MA-1  
MTWTh 09:00a-12:10p Ornelas, R MA-2  
Comments: Section 9291 is held from 1/13/20 to 3/11/20.

**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**

9003 MTWTh 01:00p-01:50p Donovan, T MA-1  
MTWTh 02:00p-04:30p Donovan, T MA-2  
Comments: Section 9003 is held from 04/01/19 to 05/08/19. 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.  
9292 MTWTh 01:00p-01:50p Donovan, T MA-1  
MTWTh 02:00p-04:30p Donovan, T MA-2  
Comments: Section 9292 is held from 03/30/20 to 05/06/20.

**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**

9072 F 01:00p-05:15p Ornelas, R MA-1  
Comments: Section 9072 is held from 02/21/20 to 03/13/20.  
9257 F 01:00p-05:15p Ornelas, R MA-1  
Comments: Section 9257 is held from 01/17/20 to 02/07/20.

**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, electron 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**

9004	MTWTh	01:00p-02:20p	Donovan, T	MA-1
	MTWTh	02:30p-04:45p	Donovan, T	MA-2
Comments: Section 9004 is held from 01/13/20 to 02/20/20. 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.				
9293	MTWTh	01:00p-02:20p	Donovan, T	MA-1
	MTWTh	02:30p-04:45p	Donovan, T	MA-2
Comments: Section 9293 is held from 01/13/20 to 02/20/20.				

**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 acquaint the participant with the importance of values and ethics in the workplace. Emphasis will be placed on how values influence actions, evaluating ones ethical behavior, and helping people do the right thing. Pass/No Pass only.

**Merced 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.

**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 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.

**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 Campus**

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

**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-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 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.

**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 Campus**

9149	T	05:30p-08:20p	Morse, J	VOC-39
Comments: Section 9149 is held 03/17/20 to 03/31/20.				

**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-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**

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.

#### 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.	
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.

#### Merced Campus

9150	T	05:30p-08:20p	Morse, J	VOC-39
			Comments: Section 9150 is held 01/14/20 to 01/28/20.	

#### 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.	
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.

#### Merced Campus

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

#### Merced Off-Campus

9726	W	08:00a-12:15p	Roper, R	OFML-ATW
			Comments: Section 9726 is held 03/04/20 and 03/11/20. Off Site Location: City of Atwater Community Center - 760 E Bellevue Rd., Atwater, CA 95301.	

### 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 Campus

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

#### 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.	

### Music: General (MUSG)

#### 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 relationships 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.

#### Merced Campus

9896	S	09:00a-12:20p	Keane, F	MUS-2
			Comments: Section 9896 is held on Saturdays from 1/18-5/16 except for 2/15, 4/11 and 4/18, which are non-instructional days.	

### 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	MW	12:30p-01:50p	Hobbs, J	VOC-39
			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.	

### 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 Supervisory 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  
MW 06:30p-07:45p Womble, R VOC-142  
Comments: Section 9183 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.

## Philosophy (PHIL)

### 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-A 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 MWF 07:00a-08:50a Werness, G IAC-146  
Comments: Section 9074 is held from 01/14/19 to 03/15/19.  
9075 MWF 07:00a-08:50a Werness, G IAC-146

Comments: Section 9075 is held from 03/16/20 to 05/22/20.

## 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/](http://www.mccd.edu/myhelp/) for information about logging into online courses.  
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](mailto: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/](http://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  
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: .

This 36-54 hour course provides instruction in knitting, crocheting, stitchery 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

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 sociologists 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.

### 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 8:30a-02:30p Huerta, I OFLL-KINGS

#### 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

### Tutorial (TUTR)

#### TUTR-35 Tutorial Seminar

1.0 units: 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.

### Online

2902 Flatt, S Online  
Comments: Section 2902 is held from 02/03/20 to 04/10/20.

### Virtual Office (VIRT)

#### 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-07-9918, 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.

9295	MTWTh	08:00a-09:25a	Russell, C	PS-2
	MTWTh	09:40a-12:00p	Russell, C	IT-6

Comments: Section 9295 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	02:00p-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-07-9918, 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. Section 9932 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.				

**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.				
9948	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**

- 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-10:00p Russell, C IT-6  
 Comments: Section 9256 is held from 01/14/20 to 03/12/20.
- 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.
- 9952 TTh 05:00p-06:50p Xiong, F OFLL-HBPG  
 TTh 07:00p-09:50p Xiong, F OFLL-HBPG  
 Comments: 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.

**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**

- 9014 MTWTh 08:00a-02:30p Scroggins, B IT-6  
 Comments: 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.
- 9607 TTh 05:10p-08:00p Scroggins, B IT-6  
 Comments: Section 9607 is held from 03/16/20 to 05/21/20. Web Component which will require you to have internet access.

**Los Banos Off-Campus**

- 9926 MTWTh 08:00a-03:25p 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.
- 9942 MTWTh 08:00a-03:25p Xiong, F OFLL-HBPG  
 Comments: Comments: 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.

- 9950 MW 05:30p-08:20p Xiong, F OFLL-HBPG  
 Comments: Section 9950 is held from 03/16/20 to 05/21/20. Section 9950 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.

**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**

- 9154 F 08:00a-09:00a Scroggins, B IT-6  
 S 08:00a-11:10a Scroggins, B IT-6  
 Comments: Section 9154 is held from 01/17/20 to 03/14/20. Web Component which will require you to have internet access.

**Los Banos Off-Campus**

- 9944 MWF 05:30p-06:20p Xiong, F OFLL-HBPG  
 MWF 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.



# 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.

HONORS CLASSES





# Los Banos Campus

## Accounting (ACTG)

### 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.

#### 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-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

## Allied Health (ALLH)

### ALLH-63 Nurse Assistant

6.0 units: 3.5 hours lec, 7.5 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 measures, cardiopulmonary resuscitation and rehabilitation techniques. Meets State Department of Health Services requirements for eligibility to take the Nursing Assistant Certification examination.

#### 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/alliedhealth/nurse-assistant> for more information. Section 8036 Lab includes a 30 minute lunch break. Section 8036 Lab will meet from 01/14/20 to 01/31/20 in LB-B-138. Beginning 02/01/20 this section will meet at the New Bethany Skilled Nursing Facility; 1441 Berkeley Dr.; Los Banos. Section 8031 Lab does not meet on 02/15/20, 04/11/20, and 04/18/20.

### ALLH-67 Medical Terminology

3.0 units: 54.0 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.

#### Los Banos Campus

8038 W 07:00p-09:50p Fragasso, G LB-B-111

## Art (ART)

### 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.

#### Los Banos Campus

4086 F 08:00a-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-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.

#### Los Banos Campus

4094 TTh 10:30a-12:45p 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.

#### 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.

#### Los Banos Campus

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

## 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 BIOL-04A or BIOL-04AH. This is an introductory-level course designed for non-majors. Areas stressed include the origin of life, structure and



Courses with this icon have course materials that are free of charge and therefore not required to be purchased.

function of cells, basic processes of life, reproduction, ecology, microbiology, evolution, classification, genetics, and metabolic processes.

**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  
Th 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.

**BIOL-18 Principles of Physiology**

4.0 units: 3.0 hours lec,  
3.0 hours lab. Prerequisite: Take CHEM-02A; Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A; Take BIOL-01 or BIOL-02 or BIOL-04A or BIOL-16; Take Math-C or MATH-61 or MATH-62. Minimum Grade C,P. This course is a general lecture and laboratory course in human physiology, including a study of blood and circulation, respiration, muscle activity, endocrine glands, digestion, excretion, and the functions and activities of the brain, nerves, and sense organs.

**Los Banos Campus**

- 4150 TTh 12:30p-01:45p Schroeder, K LB-B-111  
T 09:00a-11:50a Schroeder, K LB-B-102  
Comments: Section 4150 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-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-85AC 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.

**Los Banos Campus**

- 4152 MW 08:00a-08:50a LB-B-107  
MW 11:00a-01:50p LB-B-104  
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.

**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.

**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.

4194 MWF 12:00p-12:50p Khurana, S LB-B-107  
M 01:00p-03:50p Khurana, S LB-B-105

Comments: Section 4194 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.

8192 M 05:00p-07:50p Khurana, S LB-A-103  
W 05:00p-07:50p Khurana, S LB-B-105

Comments: Section 8192 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.

**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-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-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 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 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 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/>



Courses with this icon have course materials that are free of charge and therefore not required to be purchased.



coop-ed-work 40-class.html. This 1-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.

## 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. By the end of the course, students should be speaking confidently and skillfully and should be able to transfer their understanding and skills from the classroom to "real world" situations.

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.

#### 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
9904	TTh	04:00p-06:05p	Griffin, C LB-B-136

Comments: Section 9904 is held from 02/25/20 to 05/21/20.

### 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.

#### Los Banos Campus

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

#### Los Banos Campus

4250	TTh	12:30p-01:45p	LB-B-136
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## 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
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### 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 general elements of crime, the definitions of common and statutory law, and the nature of acceptable evidence. This course utilizes case law and case studies to introduce students to criminal law. The completion of this course offers a foundation upon which upper-division criminal justice courses will build. The course will also include some limited discussion of prosecution and defense decision making, criminal culpability, and defenses to crime.

#### Los Banos Campus

8274	T	07:00p-09:50p	Singh, R LB-B-106
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### 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.

#### Los Banos Campus

8276	T	05:30p-08:20p	Hilliard, D LB-B-107
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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.

## 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
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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 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.

**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
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**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



			Comments: Section 4382 is a Learning Community with EN-GL-01A-4356.
4384	F	10:00a-11:50a	Nelson, K LB-B-136
			Comments: Section 4384 requires students to register for ENGL-01A-4354.
4386	TTh	09:00a-09:50a	Johnston, J LB-A-108
			Comments: Section 4386 requires students to register for ENGL-01A-4366.
8382	MW	07:30p-08:20p	Johnston, J LB-B-137
			Comments: Section 8382 requires students to register for ENGL-01A-8356.

## 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
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## ENG-801 ESL (English As A Second Language) Beginning ESL Skills

0.0 units: .

COURSE DURATION IS 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
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## 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
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## 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
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## 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
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## 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

8486	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 established 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 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 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 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 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.



Courses with this icon have course materials that are free of charge and therefore not required to be purchased.



## 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>. 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.
- 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>. 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.
- 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>. 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.
- 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>. This 1-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.

## Mathematics (MATH)

### 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-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 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 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.

#### 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 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 Schlenger, 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. Addi-





tional 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

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

### 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

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.

#### 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: 6.0 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 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.

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

### 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

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 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

4596 TTh 08:00a-09:50a Bryan, J LB-B-110  
Comments: Section 4596 requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.

### 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 LB-B-134  
4628 F 10:00a-12:50p LB-B-112  
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-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-112  
Comments: Section 4610 requires students to register for MATH-10-4608. Section 4610 requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.



Courses with this icon have course materials that are free of charge and therefore not required to be purchased.

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.

### 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 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.

### 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 relationships 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 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.

### 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 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.

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.

8650 MW 05:30p-06:45p Flanagan, J LB-B-135

Comments: Section 8650 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 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-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-dependence 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 Laboratory

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 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.

### 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.



Courses with this icon have course materials that are free of charge and therefore not required to be purchased.

PHYS-04A is the first semester of a three-semester sequence intended to give a technical introduction to physics with emphasis on concepts and principles of physics and problem-solving. PHYS-04A includes the areas of mechanics, wave motion, fluids, and thermal phenomena.

### Los Banos Campus

4678 MWF 01:00p-01:50p Huff, A LB-B-111  
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-04B Physics II

4.0 units: 3.0 hours lec, 3.0 hours lab.

Prerequisite: Take MATH-04B

OR

Take PHYS-04A, MATH-04B; Minimum grade C,P;

PHYS-04B is a continuation of PHYS-04A with emphasis on the areas of electricity, magnetism, and light.

### Los Banos Campus

4680 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.

## 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.

### Los Banos Campus

4692 MW 04:00p-06:15p Mosell, S LB-B-101  
8692 TTh 05:00p-07:15p Mosell, S LB-B-104

## 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.

### 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.

## 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.

### 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.

### 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 research. Attention will be focused on foundations of experimental design, procedures and methodology for collecting research data, and techniques used to analyze, report, and present findings in APA format. Research design will also be examined through a review of past psychological research.

### Los Banos Campus

4704 MWF 10:00a-10:50a Coahran, S LB-B-135  
Comments: Section 4704 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-05 Introduction to Statistics in Psychology

3.0 units: 3.0 hours lec.

Prerequisite: Previously taken MATH-61 or MATH-62 or MATH-88 or MATH-C and passed with a minimum grade C,P. OR Concurrently enrolled in PSYC-95S

The theory of parametric and nonparametric statistical methods and their application to psychological data. Topics include: descriptive statistics, probability and sampling distributions; statistical inference and power, linear correlation and regression, chi-square; t-tests; and one-way analysis of variance (ANOVA). Application of both hand-computation and statistical software printouts to data in a psychology context, including the interpretation of the relevance of the statistical findings.

### Los Banos Campus

4708 MWF 08:00a-08:50a Coahran, S LB-B-106  
Comments: Section 4708 requires students to register for PSYC-95S-4710. Section 4708 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-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.

### Los Banos Campus

8710 W 07:00p-09:50p Lemons, S LB-A-103





**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 sociologists 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 MWF 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 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.

**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 & Carroll, C 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 gen-

eral 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 MTWTh 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 upon 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 - Zelinsky, 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 MTWTh 08:00a-09:20a OFLL-HBPG  
MTWTh 09:30a-11:35a 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-07-9918, 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.

## 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: .

COURSE DURATION IS 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 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 Lourenco, C OFML-DELHS

5107 MWF 05:30p-8:00p Cervantes, M OFML-LIVIN

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-LIVIN

5107 MWF 05:30p-08:00p OFML-LIVIN

## 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 Lourenco, 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-LIVIN

5108 MWF 05:30p-08:00p Cervantes, M OFML-LIVIN

## 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, C OFML-LIVIN

5109 MWF 05:30p-08:00p Cervantes, M OFML-LIVIN



**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	TWThF	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	05:30p-08:00p	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.

**Merced 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 (US-CIS). 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.

**Merced 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**





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

### 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 MWF 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 Pistoiresi, P BRC-122  
Comments: Section 9701 is held 03/05/20 and 03/12/20.

9702 Th 01:00p-05:15p Pistoiresi, 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 ones 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 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

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.

#### Merced Off-Campus

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

9706 Th 01:00p-05:15p Pistoiresi, 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 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.

#### 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

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.

#### Merced 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.

#### **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.				
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.

#### **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.				
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.

#### **Merced Off-Campus**

9726	W	08:00a-12:15p	Roper, R	OFML-ATW
Comments: Section 9726 is held 03/04/20 and 03/11/20. Off Site Location: City of Atwater Community Center - 760 E Bellevue Rd., Atwater, CA 95301.				

### **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**

7807	T	05:30p-08:20p	Rieg, K	MARI-57
Comments: Section 7807 is held at Mariposa High School; 5074 Old Hwy N.; Mariposa, CA; Room 57. Section 7807 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.				

## **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
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## **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.				



**Radiologic Technology (RADT)****RADT-12B Clinical Education I**

5.0 units: 15.0 hours lab.

Prerequisite: Take RADT-12A

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, positioning skills, equipment utilization, radiation protection application, patient information management, work efficiency and image evaluation is provided.

**Merced Off-Campus**

1720 - Donnelly, S

Comments: Section 1720 requires 270 hours by arrangement.

**RADT-16B Advanced Clinical Education I**

10.0 units: 30.0 hours lab.

This course provides continued clinical experience for application of theoretical principles and concepts covered in previous and current didactic coursework. Clinical experience in patient care and handling, positioning skills, equipment utilization, radiation protection application, patient information management, work efficiency and image evaluation is provided.

**Merced Off-Campus**

1724 - Lang, K

Comments: Section 1724 requires 540 hours by arrangement.

**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 - Donnelly, S

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.

**Registered Nurse (REGN)****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.

**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-ATW
5202	MTWThF	08:45a-02:15p	Coleman,	OFML-KINGS
5203	MTWThF	08:45a-02:15p	Coleman, K	OFML-KINGS
5204	MTWTh	09:15a-02:15p	Yang, C	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 sociologists 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 OFML-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 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.

#### 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-07-9918, 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.  
 Section 9932 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.

### 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.

#### 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.

9948 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.

#### 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.

9952 TTh 05:00p-06:50p Xiong, F OFLL-HBPG  
 TTh 07:00p-09:50p Xiong, F OFLL-HBPG  
 Comments: 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.

### 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-03:25p 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.

9942 MTWTh 08:00a-03:25p Xiong, F OFLL-HBPG  
 Comments: 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.

9950 MW 05:30p-08:20p Xiong, F OFLL-HBPG  
 Comments: Section 9950 is held from 03/16/20 to 05/21/20.  
 Section 9950 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.

### 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 MWF 05:30p-06:20p Xiong, F OFLL-HBPG  
 MWF 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



Courses with this icon have course materials that are free of charge and therefore not required to be purchased.



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.

