



# FALL 2020 SCHEDULE

MERCED  
COLLEGE



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# REGISTRATION INFORMATION

## REGISTRATION GUIDE

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

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>		LiveChat support at: <a href="http://www.mccd.edu/getstarted/apply.html">http://www.mccd.edu/getstarted/apply.html</a>	
<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.	For additional questions please contact the Student Helpdesk at <a href="mailto:myHelp@mccd.edu">myHelp@mccd.edu</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.	For more information visit our Placement Questionnaire Frequently Asked Questions section, at <a href="http://www.mccd.edu/getstarted/placementfaq.html">http://www.mccd.edu/getstarted/placementfaq.html</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.		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 by accessing <a href="http://www.mccd.edu/offices/relationschools/index.html">http://www.mccd.edu/offices/relationschools/index.html</a>	New & Returning students
<b>E) Obtain ID card</b>	To schedule an appointment for an ID Card contact Jourdan French at <a href="mailto:jourdan.french@mccd.edu">jourdan.french@mccd.edu</a>  Los Banos Students: Contact Elena Altamirano at <a href="mailto:elena.altamirano@mccd.edu">elena.altamirano@mccd.edu</a>	LiveChat support at: <a href="http://www.mccd.edu/getstarted/apply.html">http://www.mccd.edu/getstarted/apply.html</a>	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.	Contact the Counseling Department at (209) 381-6478. For the Los Banos at (209) 826-3495 or (209) 381-6411 or <a href="https://www.mccd.edu/resources/counseling/index.html">https://www.mccd.edu/resources/counseling/index.html</a> .	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.		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>	If you have addition questions contact Student Fees at <a href="mailto:studentfees_custsvc@mccd.edu">studentfees_custsvc@mccd.edu</a>	All registered students

# ONLINE REGISTRATION

## CONTINUING STUDENTS

The date you may begin Fall 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, email Admissions & Records at [admissions@mccd.edu](mailto:admissions@mccd.edu)

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 2020-2021

EFFECTIVE FALL 2019

After completing the placement questionnaire at Merced College, you should have received either placement in an English course or instructions to contact a counselor to get your placement in an English course. Counseling (Merced campus) is (209) 381-6478 or [ecounselor@mccd.edu](mailto:ecounselor@mccd.edu) and (Los Banos campus) (209) 259-4212 (Google Voice) or [lbcounseling@mccd.edu](mailto:lbcounseling@mccd.edu). 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

**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*

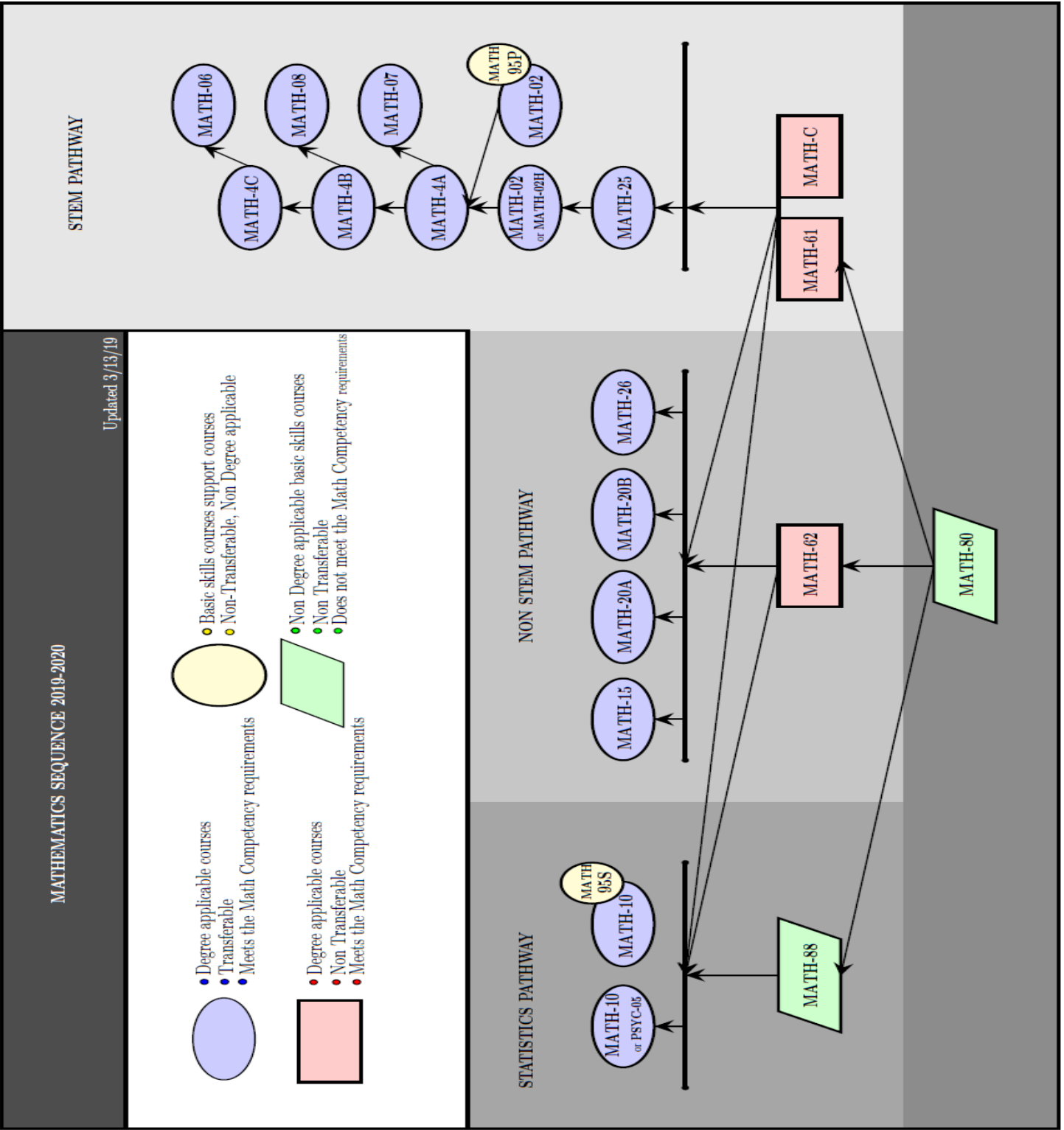
**ENGL 85AC → ENGL 01A**

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

# MATHEMATICS SEQUENCE 2020-2021

INFORMATION



# 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	Monday April 13, 2020	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	Wednesday April 15, 2020	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	Monday April 20, 2020	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 April 27, 2020	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 April 29, 2020	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 contact Merced College DSPS office at 209-384-6155 (Merced and Los Banos Campus) or email us at [dsps@mccd.edu](mailto:dsps@mccd.edu).

# FALL 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 or email to: [studentfees\\_custsvc@mccd.edu](mailto:studentfees_custsvc@mccd.edu). 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 via telephone at (209) 384-6212 or (209) 384-6219, or email at [studentfees\\_custsvc@mccd.edu](mailto:studentfees_custsvc@mccd.edu).

**Fees are subject to change.**

Enrollment Fee ..... \$46 per unit  
 Health Fee\* ..... \$21.00  
 Parking Fee ..... auto \$30.00; or \$2.00 per day

Student Rep Fee\*\* ..... \$2.00  
 Student Body Fee\*\*\* ..... \$5.00

Non-Resident Tuition ..... \$261 per unit, plus enrollment fee  
 Transportation Fee ..... \$9.95 Enrolled 12 units or more  
 Transportation Fee ..... \$6.95 Enrolled less than 12 units

\*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 the student rep fee

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 online at <http://www.mccd.edu/resources/fees/forms.html>. This form must be submitted via email 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 online at <http://www.mccd.edu/resources/fees/forms.html>. This form must be submitted via email 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 CADA 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, send email to [financialaid@mccd.edu](mailto:financialaid@mccd.edu).



# FALL 2020 BUSINESS HOURS

MERCED CAMPUS 3600 M Street; Merced, CA 95348 (209) 384-6000, [admissions@mccd.edu](mailto:admissions@mccd.edu)  
 LOS BANOS CAMPUS 22240 Highway 152; Los Banos, CA 93635 (209) 826-3495 or (209) 381-6411  
 COUNSELING [ecounselor@mccd.edu](mailto:ecounselor@mccd.edu) Merced: (209) 381-6478 Los Banos: (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-05:00pm

### Late Nights: 8:00 am - 7:00 pm

August 12, 17-21, 26

Merced Campus

Walk-up windows Monday - Friday  
 8:00am-12:00pm 1:00pm-5:00pm

CHAT: <http://www.mccd.edu/admissions-aid/index.html>

Los Banos Campus

Student Services available by appointment 209-381-6417  
 or email [elena.altamerano@mccd.edu](mailto:elena.altamerano@mccd.edu)

## 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

August 12, 17-21, 26  
 October 14, 21, 28  
 November 4, 18  
 December 2, 9

LOS BANOS CAMPUS  
 Hours are subject to change

Please direct your inquiries to the Merced Campus via  
 email or phone (209) 381-6455 or (209) 384-6210

### Student Fees Email:

[studentfees\\_custsvc@mccd.edu](mailto:studentfees_custsvc@mccd.edu)

## ACADEMIC SUPPORT SERVICES

### Online Tutoring by MC Tutors

#### Student Success and Tutorial Center (SSTC) Virtual Office

Monday-Thursday 8 am to 6 pm  
 Friday 8 am to 2 pm

The SSTC Virtual Office can be accessed through the EDU-112A noncredit Online Tutoring Canvas course shell. The free services provided include: online tutoring by MC tutors, faculty and staff support, student success webinars, and academic support resources, including videos and tutoring materials.

Tutoring will be available through Smarthinking online tutoring outside our normal business hours. To access Smarthinking, students need to log in to the class they need assistance in Canvas and select the Smarthinking online tutoring link on their home menu.

### Study Central

Student Success Webinars will be provided through the Online Tutoring Canvas course shell. The fall 2020 student success webinar schedule and webinar videos can be accessed through the MC Portal under the Student Success tab.

For any questions students can email [tutoring@mccd.edu](mailto:tutoring@mccd.edu) or call 209-384-6329 or 209-384-6324.

**\*All academic support services are free to MC students**

# FALL 2020 CALENDAR and IMPORTANT DATES

## AUGUST 2020

S	M	T	W	TH	F	S
30	31					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

END 7-WEEK SUMMER SESSION  
AUG 6  
FALL 2019 SEMESTER BEGINS,  
AUG 13  
FLEX DAYS, AUG 13-14  
FALL 2020 INSTRUCTION BEGINS,  
AUG 17

## NOVEMBER 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					

VETERANS' DAY, NOV 11  
THANKSGIVING BREAK, NOV 26-27  
NO SATURDAY CLASSES, NOV 28

## SEPTEMBER 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			

NO SATURDAY CLASSES SEPT. 5  
LABOR DAY, SEPT. 7  
CENSUS DAY, SEPT 8

## DECEMBER 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, DEC 14-18  
END OF SEMESTER, DEC 18  
WINTER BREAK, COLLEGE CLOSED  
DEC 24-JAN 1

## OCTOBER 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, OCT 19

## JANUARY 2021

S	M	T	W	TH	F	S
31					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

NEW YEARS DAY, JAN 1  
SPRING FLEX DAYS, JAN 7-8  
SPRING 2021 SEMESTER BEGINS,  
JAN 13  
NO SATURDAY CLASS, JAN. 16  
MLK DAY, JAN 18

## FALL 2020

FALL 2020 Semester registration begins .....April 13, 2020  
FALL 2020 SEMESTER INSTRUCTION BEGINS .....August 17, 2020  
Adds **require** instructor's signature (for 18 week classes).....August 17, 2020  
Refund deadline for 18 week classes.....August 30, 2020

*For all other classes, you must drop the day before 10% of the class meetings*

Graduation and Certificate of Completion applications accepted.....August 24 - October 16, 2020  
Last chance to drop with no entry on transcripts for 18 week classes..... September 4, 2020

*For all other classes, you must drop the day before 20% of the class meetings*

Instructional Dean's signature required on adds if effective date is after 3rd week..... September 8, 2020  
Pass/No Pass Option deadline (extended due to COVID)..... December 18, 2020  
FALL 2020 Mid-Session begins ..... October 19, 2020

*Adds require instructor's signature beginning first day of the term*

Scholarship Application Deadline.....March 27, 2020  
Last chance to drop with a "W" for 18 week classes..... November 20, 2020

*For all other classes, you must drop the day before 75% of the class meetings*

Final Exams..... December 14-18, 2020  
End of FALL 2020 Semester ..... December 18, 2020

Calendar dates are subject to revision.

# FALL 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 in person final exams take place in their regularly scheduled class rooms.
- For any conflicts, you may use Thursday, December 17, 2020 from 01:00p–08:50p, or Friday, December 18, 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, December 12, 2020.
- Lab finals will be given the previous week during the regular lab period.

A	B	C	D	E	F
FINAL EXAM TIME	Monday December 14, 2020	Tuesday December 15, 2020	Wednesday December 16, 2020	Thursday December 17, 2020	Friday December 18, 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	MTWF 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 MTWF 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 MTWF 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 MTWF 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	MTWF 10:55a–11:50a T only 10:55a–12:50p		Th only 10:55a–12:50p TTh 12:10p–12:50p	WF, MTWF 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	MTWF 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 MTWF 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 MTWF 02:55p–03:50p MW 02:55p–04:50p T only 02:55p–04:50p TTh 02:55p–04:50p		Th only 02:55p–04:50p CONFLICTS	MTWF 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 MTWF 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 MTWF 06:55p–07:50p W only 06:55p or later		
07:00p–08:50p	MTWTh 05:55p or later MTWF 05:55p–06:50p M only 06:55p or later	MTWF 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

# FALL 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	December 14, 2020 (M)	07:00a–08:50a
DAILY	07:55a–08:50a	December 16, 2020 (W)	08:00a–09:50a
DAILY	08:55a–09:50a	December 14, 2020 (M)	09:00a–10:50a
DAILY	09:55a–10:50a	December 16, 2020 (W)	10:00a–11:50a
DAILY	10:55a–11:50a	December 14, 2020 (M)	11:00a–12:50p
DAILY	11:55a–12:50p	December 16, 2020 (W)	12:00p–01:50p
DAILY	12:55p–01:50p	December 14, 2020 (M)	01:00p–02:50p
DAILY	01:50p–02:50p	December 16, 2020 (W)	02:00p–03:50p
DAILY	02:55p–03:50p	December 16, 2020 (W)	04:00p–05:50p
DAILY	03:55p–04:50p	December 14, 2020 (M)	03:00p–04:50p
MWF	07:00a–07:50a	December 14, 2020 (M)	07:00a–08:50a
MWF	07:55a–08:50a	December 16, 2020 (W)	08:00a–09:50a
MWF	08:55a–09:50a	December 14, 2020 (M)	09:00a–10:50a
MWF	09:55a–10:50a	December 16, 2020 (W)	10:00a–11:50a
MWF	10:55a–11:50a	December 14, 2020 (M)	11:00a–12:50p
MWF	11:55a–12:50p	December 16, 2020 (W)	12:00p–01:50p
MWF	12:55p–01:50p	December 14, 2020 (M)	01:00p–02:50p
MWF	01:50p–02:50p	December 16, 2020 (W)	02:00p–03:50p
MWF	02:55p–03:50p	December 16, 2020 (W)	04:00p–05:50p
MWF	03:55p–04:50p	December 14, 2020 (M)	03:00p–04:50p
MWF	04:55p–05:50p	December 14, 2020 (M)	05:00p–06:50p
MWF	05:55p or later	December 16, 2020 (W)	06:00p–07:50p
MW	07:00a–07:50a	December 14, 2020 (M)	07:00a–08:50a
MW	07:55a–08:50a	December 16, 2020 (W)	08:00a–09:50a
MW	08:55a–09:50a	December 14, 2020 (M)	09:00a–10:50a
MW	09:55a–10:50a	December 16, 2020 (W)	10:00a–11:50a
MW	10:55a–11:50a	December 14, 2020 (M)	11:00a–12:50p
MW	11:55a–12:50p	December 16, 2020 (W)	12:00p–01:50p
MW	12:55p–01:50p	December 14, 2020 (M)	01:00p–02:50p
MW	01:50p–02:50p	December 16, 2020 (W)	02:00p–03:50p
MW	02:55p–03:50p	December 16, 2020 (W)	04:00p–05:50p
MW	03:55p–04:50p	December 14, 2020 (M)	03:00p–04:50p
MW	04:55p–05:50p	December 14, 2020 (M)	05:00p–06:50p
MW	05:55p or later	December 16, 2020 (W)	06:00p–07:50p
MTh	08:00a–09:50a	December 14, 2020 (M)	09:00a–10:50a
MTWTh	07:00a–07:50a	December 15, 2020 (T)	07:00a–08:50a
MTWTh	07:55a–08:50a	December 16, 2020 (W)	08:00a–09:50a
MTWTh	08:55a–09:50a	December 14, 2020 (M)	09:00a–10:50a
MTWTh	09:55a–10:50a	December 16, 2020 (W)	10:00a–11:50a
MTWTh	10:55a–11:50a	December 14, 2020 (M)	11:00a–12:50p
MTWTh	11:55a–12:50p	December 16, 2020 (W)	12:00p–01:50p
MTWTh	12:55p–01:50p	December 14, 2020 (M)	01:00p–02:50p
MTWTh	01:55p–02:50p	December 16, 2020 (W)	02:00p–03:50p
MTWTh	02:55p–03:50p	December 15, 2020 (T)	03:00p–04:50p
MTWTh	03:55p–04:50p	December 14, 2020 (M)	03:00p–04:50p
MTWTh	04:55p–05:50p	December 14, 2020 (M)	05:00p–06:50p
MTWTh	05:55p or later	December 14, 2020 (M)	07:00p–08:50p
TTh	07:00a–08:50a	December 17, 2020 (Th)	07:00a–08:50a
TTh	08:55a–10:40a	December 15, 2020 (T)	09:00a–10:50a
TTh	10:45a–12:05p	December 17, 2020 (Th)	09:00a–10:50a
TTh	12:10p–12:50p	December 17, 2020 (Th)	11:00a–12:50p
TTh	12:55p–02:50p	December 15, 2020 (T)	01:00p–02:50p
TTh	02:55p–04:50p	December 15, 2020 (T)	03:00p–04:50p
TTh	04:55p–06:50p	December 15, 2020 (T)	05:00p–06:50p
TTh	06:55p or later	December 15, 2020 (T)	07:00p–08:50p
Th only	07:00a–08:50a	December 17, 2020 (Th)	07:00a–08:50a
Th only	08:55a–10:50a	December 17, 2020 (Th)	09:00a–10:50a
Th only	10:55a–12:50p	December 17, 2020 (Th)	11:00a–12:50p
Th only	12:55p–02:50p	December 17, 2020 (Th)	01:00p–02:50p
Th only	02:55p–04:50p	December 17, 2020 (Th)	03:00p–04:50p
Th only	04:55p–06:50p	December 17, 2020 (Th)	05:00p–06:50p
Th only	06:55p or later	December 17, 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	December 18, 2020 (F)	07:00a–08:50a
MTWF	07:55a–08:50a	December 16, 2020 (W)	08:00a–09:50a
MTWF	08:55a–09:50a	December 18, 2020 (F)	09:00a–10:50a
MTWF	09:55a–10:50a	December 16, 2020 (W)	10:00a–11:50a
MTWF	10:55a–11:50a	December 15, 2020 (T)	11:00a–12:50p
MTWF	11:55a–12:50p	December 18, 2020 (F)	11:00a–12:50p
MTWF	12:55p–01:50p	December 18, 2020 (F)	01:00p–02:50p
MTWF	01:55p–02:50p	December 16, 2020 (W)	02:00p–03:50p
MTWF	02:55p–03:50p	December 15, 2020 (T)	03:00p–04:50p
MTWF	03:55p–04:50p	December 18, 2020 (F)	03:00p–04:50p
MTWF	04:55p–05:50p	December 14, 2020 (M)	05:00p–06:50p
MTWF	05:55p–06:50p	December 14, 2020 (M)	07:00p–08:50p
MTWF	06:55p–07:50p	December 16, 2020 (W)	06:00p–07:50p
MTWF	07:55p or later	December 15, 2020 (T)	07:00p–08:50p
MWThF	07:55a–08:50a	December 16, 2020 (W)	08:00a–09:50a
MWThF	08:55a–09:50a	December 18, 2020 (F)	09:00a–10:50a
MWThF	09:55a–10:50a	December 16, 2020 (W)	10:00a–11:50a
MWThF	10:55a–11:50a	December 14, 2020 (M)	11:00a–12:50p
MWThF	11:55a–12:50p	December 16, 2020 (W)	12:00p–01:50p
MWThF	12:55p–01:50p	December 18, 2020 (F)	01:00p–02:50p
MWThF	01:55p–02:50p	December 16, 2020 (W)	02:00p–03:50p
MWThF	02:55p–03:50p	December 16, 2020 (W)	04:00p–05:50p
MWThF	03:55p–04:50p	December 18, 2020 (F)	03:00p–04:50p
MWThF	04:55p–05:50p	December 14, 2020 (M)	05:00p–06:50p
MWThF	05:55p–06:50p	December 14, 2020 (M)	07:00p–08:50p
MWThF	06:55p–07:50p	December 18, 2020 (F)	07:00p–08:50p
WF	08:55a–09:50a	December 18, 2020 (F)	09:00a–10:50a
WF	11:55a–12:50p	December 18, 2020 (F)	11:00a–12:50p
M only	07:00a–08:50a	December 14, 2020 (M)	07:00a–08:50a
M only	08:55a–10:50a	December 14, 2020 (M)	09:00a–10:50a
M only	10:55a–12:50p	December 14, 2020 (M)	11:00a–12:50p
M only	12:55p–02:50p	December 14, 2020 (M)	01:00p–02:50p
M only	02:55p–04:50p	December 14, 2020 (M)	03:00p–04:50p
M only	04:55p–06:50p	December 14, 2020 (M)	05:00p–06:50p
M only	06:55p or later	December 19, 2020 (M)	07:00p–08:50p
T only	07:00a–08:50a	December 15, 2020 (T)	07:00a–08:50a
T only	08:55a–10:50a	December 15, 2020 (T)	09:00a–10:50a
T only	10:55a–12:50p	December 15, 2020 (T)	11:00a–12:50p
T only	12:55p–02:50p	December 15, 2020 (T)	01:00p–02:50p
T only	02:55p–04:50p	December 15, 2020 (T)	03:00p–04:50p
T only	04:55p–06:50p	December 15, 2020 (T)	05:00p–06:50p
T only	06:55p or later	December 15, 2020 (T)	07:00p–08:50p
W only	07:00a–08:50a	December 16, 2020 (W)	08:00a–09:50a
W only	08:55a–10:50a	December 16, 2020 (W)	10:00a–11:50a
W only	10:55a–12:50p	December 16, 2020 (W)	12:00p–01:50p
W only	12:55p–02:50p	December 16, 2020 (W)	02:00p–03:50p
W only	02:55p–04:50p	December 16, 2020 (W)	04:00p–05:50p
W only	04:55p–06:50p	December 16, 2020 (W)	06:00p–07:50p
W only	06:55p or later	December 16, 2020 (W)	06:00p–07:50p
Th only	07:00a–08:50a	December 17, 2020 (Th)	07:00a–08:50a
Th only	08:55a–10:50a	December 17, 2020 (Th)	09:00a–10:50a
Th only	10:55a–12:50p	December 17, 2020 (Th)	11:00a–12:50p
Th only	12:55p–02:50p	December 17, 2020 (Th)	01:00p–02:50p
Th only	02:55p–04:50p	December 17, 2020 (Th)	03:00p–04:50p
Th only	04:55p–06:50p	December 17, 2020 (Th)	05:00p–06:50p
Th only	06:55p or later	December 17, 2020 (Th)	07:00p–08:50p
CONFLICTS		December 17, 2020 (Th)	01:00a–02:50p
CONFLICTS		December 17, 2020 (Th)	03:00p–04:50p
CONFLICTS		December 17, 2020 (Th)	05:00p–06:50p
CONFLICTS		December 17, 2020 (Th)	07:00p–08:50p
CONFLICTS		December 18, 2020 (F)	05:00p–06:50p
CONFLICTS		December 18, 2020 (F)	07:00p–08:50p



# FALL 2020

## HOW TO READ THIS SCHEDULE

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

Section Number      Days      Time      Instructor      Room

### BUILDING ABBREVIATIONS

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

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

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

### SECTION NUMBER SMART CODING

1xxx Day - Merced  
 20xx Online  
 27xx Hybrid  
 28xx Online - Short Term  
 29xx Hybrid - Short Term  
 3xxx Coop/Work Experience  
 4xxx Day - Los Banos  
 5xxx reserved prior to 3/1/20 for N/C  
 6xxx Evening - Merced ( $\geq 4:30\text{pm}$ )  
 70xx Off-site - Livingston  
 71xx Off-site - Chowchilla  
 72xx Off-site - OTHER  
 73xx Off-site - CCAP  
 74xx Online - CCAP  
 75xx Off-site - Inmate Education  
 76xx Reserved  
 77xx Off-site - Delhi  
 78xx Off-site - Mariposa  
 79xx Off-site - Dos Palos  
 8xxx Evening - Los Banos ( $\geq 4:30\text{pm}$ )  
 9xxx Short Term - Merced & Los Banos

# Fall 2020 Classes

## Accounting (ACTG)

### ACTG-04A Financial Accounting

4.0 units: 72.0 hours lec.

Advisory: Previously taken ACTG-51 and MATH-62 is advised

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.

#### Online

31500

Abbott, D Online

Comments: Section 31500 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: david.abbott@mccd.edu

31501

Vilhauer, C Online

Comments: Section 31501 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: vilhauer.c@mccd.edu

31502

Vilhauer, C Online

Comments: Section 31502 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: vilhauer.c@mccd.edu

32853

Donovan, J Online

Comments: Section 32853 is held 11/09/20 to 12/18/20. Section 32853 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: jennifer.donovan@mccd.edu

36500

Stapleton, I Online

Comments: Section 36500 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: stapleton.i@mccd.edu

74001

Snipes, R Online

Comments: CONTACT: snipes.r@mccd.edu Section 74001 will be offered remotely and has a web component requiring internet access; additional fees may apply.

### ACTG-04B Managerial Accounting

4.0 units: 72.0 hours lec.

Prerequisite: Take ACTG-04A or ACTG-51

Advisory: Previously taken MATH-81 is advised

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.

#### Online

31503

Vilhauer, C Online

Comments: ACTG 04B requires a one way corequisite: ACTG 04A or ACTG 51. Section 31503 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: vilhauer.c@mccd.edu

36501

Vilhauer, C Online

Comments: ACTG 04B requires a one way corequisite: ACTG 04A or ACTG 51. Section 36501 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: vilhauer.c@mccd.edu

### ACTG-31 Computerized Accounting

2.0 units: 18.0 hours lec, 54.0 hours lab.

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

Previously taken AOM-30 and ENGL-85A or ENGL-85AC is advised  
This course provides instruction in computer-assisted accounting. Topics include general led-ger setup, accounts receivable setup, accounts payable setup, transactions and reports, financial statement analysis, depreciation, and payroll.

#### Online

36502

Kekahuna, P Online

Comments: Section 36502 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: kekahuna.p@mccd.edu

### ACTG-51 Applied Accounting

4.0 units: 72.0 hours lec.

Advisory: Previously taken ENGL-01A or MATH-62 is advised

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.

#### Online

31504

Stapleton, I Online

Comments: Section 31504 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: stapleton.i@mccd.edu

31505

Bennett, S Online

Comments: Section 31505 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: shauna.bennett@mccd.edu

### ACTG-52 Payroll Records & Accounting

3.0 units: 54.0 hours lec.

Prerequisite: Take ACTG-04A or ACTG-51

Advisory: Previously taken ENGL-85AC, MATH-80, and MATH-95S is advised.

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. Advisory: ENGL-85AC



**Online**

36504 Bennett, S Online  
 Comments: Section 36504 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: shauna.bennett@mccd.edu

**Administrative Office Mgmt (AOM)****AOM-30 Introduction to Computer Applications**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-84A and MATH-80 is advised

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**

31510 Ahmadi, A Online  
 Comments: Section 31510 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: ahmadi.a@mccd.edu

31511 Zdanowski, M Online  
 Comments: Section 31511 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: zdanowski.m@mccd.edu

32000 Garcia Martinez, J Online  
 Comments: CONTACT: juan.garcia955@mccd.edu for course-specific questions.

32001 Greenwood, M Online  
 Comments: CONTACT: michelle.greenwood@mccd.edu for course-specific questions.

39506 Garcia Martinez, J Online  
 Comments: Section 39506 is held 08/17/20 to 10/08/20. Section 39506 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: juan.garcia955@mccd.edu

**AOM-43 (Essentials of Business Communication)**

3.0 units: 54.0 hours lec.

Advisory: Previously taken AOM-30 and AOM-50B is advised

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.

**Online**

32700 Pirtle, T Online  
 Comments: Section 32700 is held 11/02/20 to 12/11/20. CONTACT: For course-specific questions contact the professor of the class toni.pirtle@mccd.edu

39514 Pirtle, T Online  
 Comments: Section 39514 is held 11/02/20 to 12/08/20. This is a Learning Community with AOM 43-39514, AOM 50B-39508, AOM 50C-39500, AOM 52C-39502, AOM 56-39510, AOM 58A-39504, and VIRT 51-39512. Section 39514 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: toni.pirtle@mccd.edu

39515 Pirtle, T Online  
 Comments: Section 39515 is held 11/02/20 to 12/08/20. Section 39515 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: toni.pirtle@mccd.edu

**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.

**Online**

36511 Blackmore, C Online  
 Comments: Section 36511 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: cynthia.blackmore@mccd.edu

39508 Garcia Martinez, J Online  
 Comments: Section 39508 is held 10/12/20 to 12/07/20. This is a Learning Community with AOM 43-39514, AOM 50B-39508, AOM 50C-39500, AOM 52C-39502, AOM 56-39510, AOM 58A-39504, and VIRT 51-39512. Section 39508 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: juan.garcia955@mccd.edu

39509 Garcia Martinez, J Online  
 Comments: Section 39509 is held 10/12/20 to 12/07/20. Section 39509 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: juan.garcia955@mccd.edu

**AOM-50C (Learn to Type)**

1.0 units: 18.0 hours lec.

This course provides an introduction to the keyboard for non-typists.

**Online**

39500 Garcia Martinez, J Online  
 Comments: Section 39500 is held 08/17/20 to 09/14/20. This is a Learning Community with AOM 43-39514, AOM 50B-39508, AOM 50C-39500, AOM 52C-39502, AOM 56-39510, AOM 58A-39504, and VIRT 51-39512. Section 39500 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: juan.garcia955@mccd.edu

39501 Garcia Martinez, J Online  
 Comments: Section 39501 is held 08/17/20 to 09/14/20. Section 39501 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: juan.garcia955@mccd.edu

39520 Blackmore, C Online  
 Comments: Section 39520 is held 08/17/20 to 10/16/20. Section 39520 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: cynthia.blackmore@mccd.edu

**AOM-52C (Keyboarding Speed & Accuracy)**

1.0 units: 18.0 hours lec.

Advisory: Previously taken AOM-50C is advised. Upon entering the course, it is recommended that the student be able to: Know the qwerty enhanced keyboard and be able to key at least 22 wpm with 85% accuracy.

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.

**Online**

39502 ` Garcia Martinez, J Online  
Comments: Section 39502 is held 09/15/20 to 10/12/20. This is a Learning Community with AOM 43-39514, AOM 50B-39508, AOM 50C-39500, AOM 52C-39502, AOM 56-39510, AOM 58A-39504, and VIRT 51-39512. Section 39502 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [juan.garcia955@mccd.edu](mailto:juan.garcia955@mccd.edu)

39503 ` Garcia Martinez, J Online  
Comments: Section 39503 is held 09/15/20 to 10/12/20. Section 39503 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [juan.garcia955@mccd.edu](mailto:juan.garcia955@mccd.edu)

39521 ` Blackmore, C Online  
Comments: Section 39521 is held 10/19/20 to 12/18/20. Section 39521 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [cynthia.blackmore@mccd.edu](mailto:cynthia.blackmore@mccd.edu)

### AOM-56 (Office Procedures)

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-84A is advised.

Students will learn the skills, strategies, and techniques needed to perform the common office procedures within any form of business.

#### Online

36512 ` Downing, S Online  
Comments: Section 36512 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [sonja.downing@mccd.edu](mailto:sonja.downing@mccd.edu)

39510 ` Pirtle, T Online  
Comments: Section 39510 is held 08/17/20 to 09/21/20. This is a Learning Community with AOM 43-39514, AOM 50B-39508, AOM 50C-39500, AOM 52C-39502, AOM 56-39510, AOM 58A-39504, and VIRT 51-39512. Section 39510 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [toni.pirtle@mccd.edu](mailto:toni.pirtle@mccd.edu)

39511 ` Pirtle, T Online  
Comments: Section 39511 is held 08/17/20 to 09/21/20. Section 39511 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [toni.pirtle@mccd.edu](mailto:toni.pirtle@mccd.edu)

### AOM-58A (Website Development)

2.0 units: 36.0 hours lec.

This is an introductory course in the planning, design, and creation of a website.

#### Online

39504 ` Garcia Martinez, J Online  
Comments: Section 39504 is held 10/13/20 to 12/09/20. This is a Learning Community with AOM 43-39514, AOM 50B-39508, AOM 50C-39500, AOM 52C-39502, AOM 56-39510, AOM 58A-39504, and VIRT 51-39512. Section 39504 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [juan.garcia955@mccd.edu](mailto:juan.garcia955@mccd.edu)

39505 ` Garcia Martinez, J Online  
Comments: Section 39505 is held 10/13/20 to 12/09/20. Section 39505 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [juan.garcia955@mccd.edu](mailto:juan.garcia955@mccd.edu)

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

4.0 units: 72.0 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.

#### Online

32701 Carvalho, S Online  
Comments: Section 32701 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [carvalho.s@mccd.edu](mailto:carvalho.s@mccd.edu)

### Ag Business (AGBS)

#### AGBS-10 Introduction to Agriculture Business

3.0 units: 54.0 hours lec.

This course is a survey of the broad scope of agriculture business. It serves as an introduction to economic, accounting, management, sales, leadership, and marketing aspects of agriculture and their impact on producers and consumers. The management principles encountered in the day-to-day operation of an agricultural enterprise are stressed as they relate to the decision-making process.

#### Online

31000 Donaher, K Online  
Comments: Web Component which requires you to have internet access.

#### AGBS-11 Agricultural Economics

3.0 units: 54.0 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.

#### Online

31001 Donaher, K Online  
Comments: Web Component which requires you to have internet access.

#### AGBS-13 Agricultural Marketing

3.0 units: 54.0 hours lec.

This course includes a survey of the marketing aspects of the agriculture industry and an overview of the structure and institutional aspects of the marketing system. Emphasis will be on the marketing functions and how consumer trends affect agribusiness.

#### Online

31002 Donaher, K Online  
Comments: Web Component which requires you to have internet access.

#### AGBS-18 Agricultural Computer Applications

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken MATH-81 is advised.

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.

#### Online





31003 Donaher, K Online  
Comments: Web Component which requires you to have internet access.

### AGBS-31B Agriculture Ambassadors - Recruitment

2.0 units: 36.0 hours lec.

The purpose of this course is to focus the recruitment role of the Agricultural Ambassadors as they promote agricultural awareness and educational opportunities in agriculture at Merced College and beyond. Students will learn the fundamentals of effective presentations, conduct tours, plan leadership events, prepare recruitment materials, and deliver recruitment presentations for prospective students and members of the community while serving in the role of Agricultural Ambassador.

#### Online

31004 Donaher, K Online  
Comments: Web Component which requires you to have internet access.

### Agriculture (AGRI)

#### AGRI-10 Agriculture, Environment, & Society

3.0 units: 54.0 hours lec.

Advisory: Previously taken AGBS-18 and ENGL-85AC is advised.

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.

#### Online

31005 Maddux, M Online  
Comments: Web Component which requires you to have internet access.

### Allied Health (ALLH)

#### ALLH-24 Work Experience in Allied Health

1.0 units: .

Advisory: Previously taken ENGL-85A or ENGL-85AC is advised.

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 Off-Campus

43001 - Brown, S  
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for ALLH 24, Work Experience in Allied Health, 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 Allied Health and whose work is related to an Allied Health major. This course requires completion of 60 volunteer or 75 paid hours.

43002 - Brown, S  
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for ALLH 24, Work Experience in Allied Health, 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 Allied Health and whose work is related to an Allied

Health major. This course requires completion of 120 volunteer or 150 paid hours.

43003 - Brown, S  
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for ALLH 24, Work Experience in Allied Health, must have a paid or volunteer work position in place at the time of registration. This 3 unit course is designed for students majoring in Allied Health and whose work is related to an Allied Health major. This course requires completion of 180 volunteer or 225 paid hours.

43004 - Brown, S  
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for ALLH 24, Work Experience in Allied Health, must have a paid or volunteer work position in place at the time of registration. This 4 unit course is designed for students majoring in Allied Health and whose work is related to an Allied Health major. This course requires completion of 240 volunteer or 300 paid hours.

### ALLH-67 Medical Terminology

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85AC is advised.

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

#### Online

41003 Provencio, G Online  
41030 Provencio, G Online  
42700 Provencio, G Online

Comments: Orientation: August 18, 2020; 05:30p-7:00p; AHC-139. In-Class Sessions: September 8, 22; October 20; November 10; December 1; 05:30p-07:00p; AHC-139. Final Exam: December 15, 2020; 05:30p-07:00p; AHC-139. Comment: 45 hours total lecture will be online.

46003 Barber, R Online  
78041

Fragasso, G Online  
Comments: CONTACT: fragasso.g@mccd.edu Section 78041 will be offered remotely and has a web component requiring internet access; additional fees may apply.

### American Sign Language (ASLG)

#### ASLG-01 Beginning American Sign Language

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-01A is advised.

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.

#### Online

21142 Chambers, K Online  
21143 Chambers, K Online



**ASLG-02 High-Beginning American Sign Language**

3.0 units: 54.0 hours lec.

Prerequisite: Take ASLG-01. Minimum grade C,P.

Advisory: Previously taken ENGL-01A is advised.

This course provides high-beginning 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 high-beginning conversational skills.

**Online**

26104 Chambers, K Online

**Animal Science (ANSC)****ANSC-10 Elements of Animal Science**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85AC is advised.

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.

**Online**

31006 Maddux, M Online  
Comments: Web Component which requires you to have internet access.

**ANSC-14 Elements of Animal Nutrition**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-85A or ENGL-85AC is advised.

This course covers the elements of animal nutrition. The fundamentals of digestion and absorption in both ruminants and non-ruminants are discussed. The nutritive value of feeds as they relate to the formulation of livestock rations will be emphasized including by-product feeding.

**Online**

31007 Maddux, M Online  
Comments: Web Component which will require you to have internet access.

**ANSC-17 Beef Production**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-85A or ENGL-85AC is advised.

This is a study of principles and practices of purebred and commercial beef cattle production throughout the world, United States, and California. There will be emphasis placed on the importance of breeds, breeding principles, selection, nutrition, environmental management, health, marketing, and record keeping to ensure scientifically-based management decisions and consumer product acceptance as applied to beef cattle.

**Merced Campus**

31008 - Maddux, M  
T 02:00p-04:50p Maddux, M AG-PAV  
Comments: Section 31008 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: mary.maddux@mccd.edu.

**ANSC-24 Work Experience in Animal Science**

1.0 units:

Advisory: Previously taken ENGL-85A or ENGL-85AC is advised.

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**

31025 - 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 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."

**ANSC-30 Fitting, Showing & Merchandising Livestock**

1.5 units: 18.0 hours lec, 27.0 hours lab.

Advisory: Previously taken ENGL-85A or ENGL-85AC is advised.

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**

31009 Th 02:00p-02:50p Maddux, M AG-PAV  
Th 03:00p-04:15p Maddux, M AG-PAV  
Comments: Web Component which requires you to have internet access.

**Anthropology (ANTH)****ANTH-01 Intro to Biological Anthropology**

4.0 units: 54.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-01A is advised.

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.

**Online**

51001 Buechler, J Online  
51002 Buechler, J Online  
56001 Buechler, J Online  
78061 Deeming, K Online  
Comments: CONTACT: karen.deeming@mccd.edu Section 78061 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**ANTH-02 Sociocultural Anthropology**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85A, ENGL-85AC, or ENGL-85E is advised.

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.

**Online**

51003 Gaugler, C Online  
Comments: Section 51003 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: gaugler.c@mccd.edu.



- 51004 Osborn, S Online  
Comments: Section 51004 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: sean.osborn@mccd.edu.
- 72805 Deeming, K Online  
Comments: CONTACT: karen.deeming@mccd.edu Section 72805 is held from 10/19/20 to 12/18/20.

## Archaeology (ARCH)

### ARCH-01 Introduction to Archaeology

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-01A is advised.

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.

#### Online

- 56029 Crandall, J Online

## Art (ART)

### ART-01 Survey of Western Art, Prehistory-Middle

3.0 units: 54.0 hours lec.

Prerequisite: Previously taken ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E and passed with a minimum grade of C or received an equivalent.

Advisory: Previously taken ENGL-01A is advised.

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 medieval period.

#### Online

- 51005 Cooper, T Online  
Comments: Section 51005 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: tricia.cooper@mccd.edu.
- 51006 Warner-Davies, M Online  
Comments: Section 51006 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: matt.warner-davies@mccd.edu.
- 52809 Benhissen, L Online  
Comments: "Section 52809 meets from 8/17/20 to 9/25/20. CONTACT: louisa.benhissen@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565."
- 74081 Cooper, T Online  
Comments: CONTACT: tricia.cooper@mccd.edu. Section 74081 will be offered remotely and has a web component requiring internet access; additional fees may apply.

### ART-02 Survey of Western Art From Renaissance To Contemporary

3.0 units: 54.0 hours lec.

Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E; Minimum grade C, P;

Advisory: Previously taken ENGL-01A advised.

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 Contemporary period.

#### Online

- 51008 Serpa, B Online  
Comments: Section 51008 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: benjamin.serpa@mccd.edu.
- 52814 Serpa, B Online  
Comments: "Section 52814 meets from 11/9/20 to 12/18/20. CONTACT: benjamin.serpa@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565."

### ART-06 Survey of Modern Art

3.0 units: 54.0 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;

Advisory: Previously taken ENGL-01A is advised.

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.

#### Online

- 51009 Benhissen, L Online  
Comments: Section 51009 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: louisa.benhissen@mccd.edu.

### ART-12A Sculpture: 3-D Foundations

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-85A, ENGL-85AC, or ENGL-85E is advised.

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.

#### Online

- 51010 Warner-Davies, M Online  
Comments: ART-12A requires a \$40 material fee.

### ART-12B Intermediate Sculpture

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: Previously taken ART-12A and passed with a minimum grade of C or received an equivalent.

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.

#### Online

- 51011 Warner-Davies, M Online  
Comments: ART-12B requires a \$40 material fee.



**ART-15 Design: 2-D Foundations**

3.0 units: 36.0 hours lec, 54.0 hours lab

Advisory: Previously taken ENGL-01A is advised.

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.

**Online**

- |  |                  |        |
|--|------------------|--------|
| 51012  | Macaraeg, E      | Online |
| Comments: Section 51012 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: edwin.macaraeg@mccd.edu.     |                  |        |
| 51013  | Warner-Davies, M | Online |
| Comments: Section 51013 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: matt.warner-davies@mccd.edu. |                  |        |
| 74093  | Grubaugh, C      | Online |
| Comments: CONTACT: carson.grubaugh@mccd.edu Section 74093 will be offered remotely and has a web component requiring internet access; additional fees may apply.   |                  |        |

**ART-23A Introduction to Painting**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-85A, ENGL-85AC, or ENGL-85E is advised.

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.

**Online**

- |       |              |        |
|-------|--------------|--------|
| 51018 | Benhissen, L | Online |
|-------|--------------|--------|

**ART-23B Intermediate Painting**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: Take ART-23A; Minimum Grade C,P;

Advisory: Previously taken ENGL-85A, ENGL-85AC, or ENGL-85E is advised.

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.

**Online**

- |       |              |        |
|-------|--------------|--------|
| 51019 | Benhissen, L | Online |
|-------|--------------|--------|

**ART-24A Drawing I**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-85A, ENGL-85AC, or ENGL-85E is advised.

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.

**Online**

- |       |                  |        |
|-------|------------------|--------|
| 51016 | Warner-Davies, M | Online |
| 51020 | Benhissen, L     | Online |
| 51022 | Disch, S         | Online |

Comments: Section 51022 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: Stephanie.disch@mccd.edu.

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|--|-------------|--------|
| 51024  | Serpa, B    | Online |
| Comments: Section 51024 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: benjamin.serpa@mccd.edu. |             |        |
| 74104  | Grubaugh, C | Online |
| Comments: CONTACT: carson.grubaugh@mccd.edu Section 74041 will be offered remotely and has a web component requiring internet access; additional fees may apply.   |             |        |

**ART-24B Intermediate Drawing**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: Take ART-24A. Minimum grade C,P.

Advisory: Previously taken ENGL-85A, ENGL-85AC, or ENGL-85E is advised.

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.

**Online**

- |   |                  |        |
|---|------------------|--------|
| 51017   | Warner-Davies, M | Online |
| 51021   | Benhissen, L     | Online |
| 51023   | Disch, S         | Online |
| Comments: Section 51023 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: Stephanie.disch@mccd.edu. |                  |        |
| 51025   | Serpa, B         | Online |
| Comments: Section 51025 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: benjamin.serpa@mccd.edu.  |                  |        |
| 74106   | Grubaugh, C      | Online |
| Comments: CONTACT: carson.grubaugh@mccd.edu Section 74106 will be offered remotely and has a web component requiring internet access; additional fees may apply.  |                  |        |

**ART-26A Introduction to Figure Drawing**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-85A, ENGL-85AC, or ENGL-85E is advised.

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.

**Online**

- |       |              |        |
|-------|--------------|--------|
| 56005 | Benhissen, L | Online |
|-------|--------------|--------|

**ART-26B Intermediate Figure Drawing**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: Take ART-26A; Minimum grade C,P.

Advisory: Previously taken ENGL-85A, ENGL-85AC, or ENGL-85E is advised.

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.





**Online**

56006 Benhissen, L Online

**ART-29A Introduction to Watercolor Painting**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-85A, ENGL-85AC, or ENGL-85E is advised.

This course is an introduction to the principles, elements, and practices of painting in the watercolor 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.

**Online**

56009 Macaraeg, E Online

Comments: Section 56009 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: edwin.macaraeg@mccd.edu.

**ART-29B Intermediate Watercolor Painting**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: Take ART-29A. Minimum grade C,P.

This course is an exploration of artistic concepts, styles, and creative expression related to intermediate-level watercolor painting, focusing on complex subject matter and concepts using a variety of subjects, techniques, and methodologies. Students in this course will build on fundamental watercolor painting skills to develop personalized approaches to content and materials in exercises covering multiple historical and contemporary approaches to painting.

**Online**

56010 Macaraeg, E Online

Comments: Section 56010 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: edwin.macaraeg@mccd.edu.

**Art - Digital (ARTD)****ARTD-40A Introduction to Digital Art Media**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-85A, ENGL-85AC, or ENGL-85AC is advised.

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.

**Online**

52820 Perlin, A Online

Comments: Section 52820 meets from 9/28/20 to 11/6/20. ARTD-40A requires that students provide their own DSLR or point and shoot digital camera and pay a \$40 materials fee. CONTACT: alana.perlin@mccd.edu for course-specific questions. For additional information about logging into online classes, contact [www.mccd.edu/myhelp/](http://www.mccd.edu/myhelp/) or call (209) 381-6565.

**Merced Campus**

51026 - Toel, B

Th 08:00a-10:50a Toel, B IAC-139

Comments: Section 51026 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: brian.toel@mccd.edu. ARTD-40A requires that students provide their own DSLR or point and shoot digital camera and pay a \$40 materials fee.

51027 - Toel, B

F 09:00a-11:50a Toel, B IAC-139

Comments: Section 51027 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: brian.toel@mccd.edu. ARTD-40A requires that students provide their own DSLR or point and shoot digital camera and pay a \$40 materials fee.

51028 - Perlin, A

T 01:00p-03:50p Perlin, A IAC-139

Comments: ARTD-40A requires that students provide their own DSLR or point and shoot digital camera and pay a \$40 materials fee.

51030 - Perlin, A

M 01:00p-03:50p Perlin, A IAC-139

Comments: ARTD-40A requires that students provide their own DSLR or point and shoot digital camera and pay a \$40 materials fee.

56011 - Perlin, A

T 05:10p-08:00p Perlin, A IAC-139

Comments: ARTD-40A requires that students provide their own DSLR or point and shoot digital camera and pay a \$40 materials fee.

**ARTD-40B Intermediate Digital Art**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken AOM-50A and ARTD-40A and ENGL-85AC is advised.

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 artworks for print, web, and multimedia outputs. Digital art history, contemporary trends, and emerging media underscore the course's broadminded structure.

**Merced Campus**

51031 - Perlin, A

M 01:00p-03:50p Perlin, A IAC-139

Comments: ARTD-40B requires that students provide their own DSLR or point and shoot digital camera and pay a \$40 materials fee.

**ARTD-41A Intro to Graphic Design: 2D Foundations**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-01A and ART-15 is advised.

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**

56012 - Perlin, A

T 05:10p-08:00p Perlin, A IAC-139

**ARTD-42A Introduction to Motion Graphics**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken AOM-50A and ENGL-85A, ENGL-85AC, or ENGL-85E is advised.

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**

51032 - Perlin, A

M 10:00a-12:50p Perlin, A IAC-139



## ARTD-45A Animation I: Introduction to Web Design And 2D Animation

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ART-24A, AOM-50B, and ENGL-85AC is advised.

This studio course imparts a thorough foundation in creative two-dimensional Toonboom digital media production for the web, while also exploring philosophical and cultural implications. Indispensable basic typographic, color, illustration, animation, interactivity, layout, and sound design concepts feature strongly in the class. The course's Animate CC, Toon Boom and HTML 5 web technology techniques prepare students for producing imaginative web sites, animations and multimedia projects.

### Merced Campus

51033 - Perlin, A  
M 10:00a-12:50p Perlin, A IAC-139  
Comments: ARTD-45A requires that students provide their own DSLR or point and shoot digital camera.

## ARTD-47 Typography I: introduction to Type Design

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ART-15 is advised.

This course provides an introduction to the fundamental aspects of creative letterform design for effective visual communication. Students develop initial prototypes on the drawing board and further computer refinements using software such as Illustrator and FontForge to produce professional typefaces in the OpenType format. The class underscores a broad cross-section of typefaces and Gutenberg historical precedents of typographic style to generate original visual solutions.

### Merced Campus

51029 - Perlin, A  
T 01:00p-03:50p Perlin, A IAC-139  
Comments: ARTD-47 requires a \$40 material fee.

## Arts - Non-Credit (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.

### Online

95601 McCue-Bryx, L Online

## Astronomy (ASTR)

### ASTR-01 Principles of Astronomy

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

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.

### Online

11001 Khurana, P Online  
Comments: Section 11001 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: paramdeep.khurana@mccd.edu.  
11002 Pourtarvirdi, Z Online  
Comments: Section 11002 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: zaya.pourtavirdi@mccd.edu.

16001 Davies, R Online  
Comments: Section 16001 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: davies.r@mccd.edu.  
72807 Fan, S Online  
Comments: Section 72807 is held from 10/19/20 to 12/18/20. Section 72807 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at sewan.fan@mccd.edu

## ASTR-01L Introductory Astronomy Lab

1.0 units: 54.0 hours lab.

Prerequisite: Take ASTR-01

Advisory: Previously taken ENGL-01A and MATH-62 MATH-61 or MATH-81 is advised.

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.

### Online

11003 Davies, R Online  
Comments: Section 11003 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: davies.r@mccd.edu.

## Athletics (ATHL)

### ATHL-02A Off-Season Conditioning for Baseball

1.0 units: 162.0 hours lab

Limitation on Enrollment: This is a varsity team off-season conditioning course that requires coach's or academic advisor's signature.

This course is designed to optimize sports performance and reduce risk of injury for the off-season intercollegiate athlete in the sport of baseball. 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 baseball competition and may be repeated to meet requirements for CCCAA eligibility.

### Online

41304 Devine, N Online  
41305 Cumberland, C Online

### ATHL-02B Off-Season Conditioning for Basketball

1.0 units: 108.0 hours lab.

Limitation on Enrollment: This is a varsity team off-season conditioning course that requires coach's or academic advisor's signature.

This course is designed to optimize sports performance and reduce risk of injury for the off-season intercollegiate athlete in the sport of 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.

### Online

41307 Huddleston, A Online  
41359 Ramirez, J Online



**ATHL-02D Off-Season Condt for Football**

1.0 units: 108.0 hours lab.

Limitation on Enrollment: This is a varsity team off-season conditioning course that requires coach's or academic advisor's signature. This course is designed to optimize sports performance and reduce risk of injury for the off-season intercollegiate athlete in the sport of football. 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.

**Online**

41364 Casey, R Online

**ATHL-02F Off-Season Conditioning for Soccer**

1.0 units: 54.0 hours lec.

This course is designed to optimize sports performance and reduce risk of injury for the off-season intercollegiate athlete in the sport of soccer. 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 soccer competition and may be repeated to meet requirements for CCCAA eligibility.

**Online**

41371 Daughdrill, J Online

Comments: Women's soccer.

42050 Stapleton, I Online

Comments: Men's Soccer. Section 41316 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: stapleton.i@mccd.edu.

**ATHL-02G Off-Season Cond for Water Polo**

1.0 units: 108.0 hours lab.

Limitation on Enrollment: This is a varsity team off-season conditioning course that requires coach's or academic advisor's signature. This course is designed to optimize sports performance and reduce risk of injury for the off-season intercollegiate athlete in the sport of water polo. 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 water polo competition and may be repeated to meet requirements for CCCAA eligibility. This course may be repeated 3 times.

**Merced Campus**

41366 MTWTh 12:00p-01:15p Halpin, W ATHL-POOL

Comments: Women's Water Polo.

41367 MTWTh 03:00p-04:15p McCall, S ATHL-POOL

Comments: Men's water polo.

**ATHL-02K Off-Season Cond for Softball**

1.0 units: 108.0 hours lab.

Limitation on Enrollment: This is a varsity team off-season conditioning course that requires coach's or academic advisor's signature. This course is designed to optimize sports performance and reduce risk of injury for the off-season intercollegiate athlete in the sport of softball. 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 softball competition and may be repeated to meet requirements for CCCAA eligibility. This course may be repeated 3 times.

**Online**

41308 McGhee, S Online

**ATHL-03 Athletic Conditioning**

0.5 units: 108.0 hours lab.

Limitation on Enrollment: This is a varsity team off-season conditioning course that requires coach's or academic advisor's signature. Advisory: Good general health; absence of medical conditions that would prevent planned physical activity. This class is designed to prepare athletes for athletic competition. Different training techniques will be used including: functional training, core training, plyometrics, and strength training. 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.

**Online**

41309 Casey, R Online

41312 Casey, J Online

41313 Foy, L Online

Comments: Section 41313 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: louis.foy@mccd.edu.

41314 McGhee, S Online

41360 Daughdrill, J Online

Comments: Women's Soccer.

41361 Stapleton, I Online

Comments: Men's Soccer. Section 41361 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: stapleton.i@mccd.edu.

**Merced Campus**

41310 MTWThF 01:30p-02:35p McCall, S ATHL-POOL

41311 MTWThF 06:00a-07:05a Halpin, W ATHL-POOL

**ATHL-13 Advanced Basketball**

0.5 units: 54.0 hours lab.

Limitation on Enrollment: This is a varsity team off-season conditioning course that requires coach's or academic advisor's signature. This course offers the more advanced student the opportunity to develop and improve fundamental skills involved in basketball, such as, ball handling, shooting, defensive and offensive tactics, and physical endurance. It also covers team strategy and play. Rules, strategy, and sportsmanship are also stressed. This course may be repeated three times.

**Online**

49302 Huddleston, A Online

Comments: Section 49302 is held from 08/17/20 to 10/16/20.

**Online**

49303 Huddleston, A Online

Comments: Section 49303 is held from 08/17/20 to 10/16/20.

**ATHL-36C Theory & Analysis of Baseball**

1.0 units: 18.0 hours lec.

Prerequisite: Previously taken ENGL-85A, ENGL-85AC, or ENGL-85E is advised.

This course presents the fundamental knowledge of baseball through techniques of lecture, discussions, and video analysis. This course is recommended for kinesiology, physical education, recreation, and recreation-aide majors and varsity baseball players.

**Online**

41315 Devine, N Online



**Automotive Technology (AUTO)****AUTO-04 Automotive Mechanics**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85A, ENGL-85AC, or ENGL-85E and MATH-80 or MATH-85 is advised.

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.

**Online**

36000	Barnard, R	Online
Comments: Web Component which requires you to have internet access.		
36001	Barnard, R	Online
Comments: Web Component which requires you to have internet access.		

**AUTO-24 Work Experience in Automotive Technology**

1.0 units: .

Advisory: Previously taken ENGL-85A or ENGL-85AC is advised.

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**

31099	-	Gregory, A
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 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."		

**AUTO-32 Wheel Alignment & Suspension**

4.0 units: 54.0 hours lec, 54.0 hours lab.

Advisory: Previously taken AUTO-04 and AUTO-63, ENGL-85A, ENGL-85AC, or ENGL-85E and MATH-80 and MATH-85 is advised.

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**

39011	MTWTh 12:00p-01:25p Weepers, M	IT-4B
	MTWTh 01:35p-03:00p Weepers, M	IT-4B
Comments: Section 39011 is held 08/17/20 to 10/08/20 Web Component which will require you to have internet access. Web Component which will require you to have internet access. Section 39011 requires an additional fee for materials.		
39012	MTWTh 12:00p-01:25p Weepers, M	IT-4B
	MTWTh 01:35p-03:00p Weepers, M	IT-4B
Comments: Section 39012 is held 08/17/20 to 10/08/20. This is a Learning Community with AUTO-32-39012, AUTO 33-39013, AUTO-42-39015, and AUTO-63-39020. Web Component which will require you to have internet access. Section 39012 requires an additional fee for materials."		

**AUTO-33 Automotive Brake Systems**

4.0 units: 54.0 hours lec, 54.0 hours lab.

Advisory: Previously taken AUTO-04 and AUTO-63, ENGL-85A, ENGL-85AC, or ENGL-85E, and MATH-80 or MATH-85 is advised.

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**

39013	MTWTh 08:00a-09:30a Weepers, M	IT-4B
	MTWTh 09:40a-11:20a Weepers, M	IT-4B
Comments: Section 39013 is held 10/19/20 to 12/10/20. This is a Learning Community with AUTO-32-39012, AUTO 33-39013, AUTO-42-39015, and AUTO-63-39020. Web Component which will require you to have internet access. Section 39013 requires an additional fee for materials."		
39014	MTWTh 08:00a-09:30a Weepers, M	IT-4B
	MTWTh 09:40a-11:20a Weepers, M	IT-4B
Comments: Section 39014 is held 10/19/20 to 12/10/20. Web Component which will require you to have internet access. Section 39014 requires additional fee for materials.		

**AUTO-42 Automotive Electrical Systems**

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: Previously taken AUTO-63 and passed with a minimum grade of C or received an equivalent.

Advisory: Previously taken AUTO-04 and ENGL-85A, ENGL-85AC, or ENGL-85E, and MATH-80 or MATH-85 is advised.

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**

39015	MTWTh 12:10p-01:40p Gregory, A	IT-4B
	MTWTh 01:50p-03:20p Gregory, A	IT-4B
Comments: Section 39015 is held 10/19/20 to 12/10/20. This is a Learning Community with AUTO-32-39012, AUTO 33-39013, AUTO-42-39015, and AUTO-63-39020. Web Component which will require you to have internet access. Section 39015 requires an additional fee for materials."		
39016	MTWTh 12:10p-01:40p Gregory, A	IT-4B
	MTWTh 01:50p-03:20p Gregory, A	IT-4B
Comments: Section 39016 is held 10/19/20 to 12/10/20. Web Component which will require you to have internet access. Section 39016 requires an additional fee for materials.		

**AUTO-44 Automotive Air Conditioning, Heating System, Cooling Systems**

4.0 units: 54.0 hours lec, 54.0 hours lab.

Advisory: Previously taken AUTO-04 and ENGL-85A, -85AC or ENGL-85E and MATH-80 and MATH-85 is advised.

This is a basic course in the principles of operation of automotive air conditioning, heating system, and cooling system. The course covers theory, system controls, troubleshooting, service, and repairs. Lab emphasis consists of system diagnosis servicing, repairs, and preventive maintenance on live vehicles.

**Merced Campus**

39017	MTWTh 08:00a-09:25a Gregory, A	IT-4A
	MTWTh 09:35a-11:00a Gregory, A	IT-4A
Comments: Section 39017 is held 08/17/20 to 10/08/20. Web Component which will require you to have internet access. Section 39017 requires an additional fee for materials.		





**AUTO-47 Engine Performance**

2.0 units: 18.0 hours lec, 54.0 hours lab.

Prerequisite: Previously taken AUTO-42 and AUTO-43 and passed with a minimum grade of C or received an equivalent.

Advisory: Previously taken ENGL-85A, ENGL-85AC or ENGL-85E and MATH-80 or MATH-85 is advised.

This course is a study in the diagnosis of automotive electrical and computer controlled fuel and ignition systems. The course will cover charging and starting circuits, computer controlled fuel injection and ignition systems and emissions control devices. All integrated systems will be included as they relate to live maintenance and diagnostic procedures. Advanced systems diagnosis and maintenance of these circuits will receive special attention.

**Merced Campus**

39018 MTWTh 09:00a-09:50a Gregory, A IT-4A  
 MTWTh 10:00a-11:15a Gregory, A IT-4A  
 Comments: Section 39018 is held 10/19/20 to 12/17/20. Web component which will require you to have internet access.  
 Section 39018 requires an additional fee for materials.

**AUTO-55 Automotive Emissions Level 1 and 2 Training**

5.0 units: 81.0 hours lec, 27.0 hours lab.

Advisory: Previously taken AUTO-47 and ENGL-85A, ENGL-85AC or ENGL-85E, and MATH-80 or MATH-85 is advised.

This course is designed to provide students with knowledge and skills necessary to perform Smog Check Inspections. Level 1 training is intended to provide students with fundamental knowledge of engine and emission control theory, design and operation. Level 2 training is intended to provide students the knowledge, skills, and abilities needed to perform Smog Check inspections. Students who successfully complete this training will have met the California Bureau of Automotive Repair requirements for Level 1 and 2 training to qualify to take the Smog Check Inspector state licensing examination.

**Merced Campus**

39019 MTWTh 12:00p-02:20p Gregory, A IT-4A  
 MTWTh 02:30p-03:20p Gregory, A IT-4A  
 Comments: Section 39019 is held 08/17/20 to 10/08/20. Web Component which will require you to have internet access.  
 Section 39019 requires an additional fee for materials.

**AUTO-56 Advanced Diagnosis and Repair in Automotive Technology**

2.0 units: 108.0 hours lab.

Prerequisite: Previously taken AUTO-36, AUTO-41, AUTO-43, and AUTO-46 and passed with a minimum grade of C or received an equivalent.

Advisory: Previously taken ENGL-85A, ENGL-85AC or ENGL-85E is advised.

This course is designed to permit the student to gain additional diagnostic and hands on experience in automotive power trains, drive trains, and chassis systems. This course will help prepare the student for employment in the automotive repair industry with entry level skills.

**Merced Campus**

39000 MTWTh 02:15p-05:25p Weepers, M IT-4A  
 Comments: Section 39000 is held from 10/19/20 to 12/17/20.  
 Web Component which will require you to have internet access.  
 Section 39000 requires an additional fee for materials.

**AUTO-63 Basic Auto Electronics for Technicians**

4.0 units: 54.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-85E is advised.

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**

36003 MW 05:30p-06:45p Hoornaert, D IT-4B  
 MW 06:55p-08:20p Hoornaert, D IT-4B  
 Comments: Web Component which requires you to have internet access. Section 36003 requires an additional fee for materials.  
 39020 MTWTh 08:00a-09:25a Weepers, M IT-4B  
 MTWTh 09:35a-11:10a Weepers, M IT-4B  
 Comments: Section 39020 is held 08/17/20 to 10/08/20. This is a Learning Community with AUTO-32-39012, AUTO 33-39013, AUTO-42-39015, and AUTO-63-39020. Web Component which will require you to have internet access. Section 39020 requires an additional fee for materials."  
 39021 MTWTh 08:00a-09:25a Weepers, M IT-4B  
 MTWTh 09:35a-11:10a Weepers, M IT-4B  
 Comments: Section 39021 is held 08/17/20 to 10/08/20. Web Component which will require you to have internet access.  
 Section 39021 requires an additional fee for materials.

**AUTO-66 Automotive Parts and Service Advising**

3.0 units: 45.0 hours lec, 27.0 hours lab.

Advisory: Previously taken ENGL-85A, ENGL-85AC or ENGL-85E and MATH-80 or MATH-85 is advised.

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**

39001 MTWTh 12:00p-01:05p Weepers, M IT-4A  
 MTWTh 01:15p-02:05p Weepers, M IT-4A  
 Comments: Section 39001 is held 10/19/20 to 12/17/20. Web Component which will require you to have internet access.  
 Section 39001 requires an additional fee for materials.

**Biology (BIOL)****BIOL-01 General Biology for Non-Majors**

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: Previously taken ENGL-01A and passed with a minimum grade of C or received an equivalent.

Limitation on Enrollment: This course is not open to students having a 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.

**Online**

11004 Macias, M Online  
 Comments: Section 11004 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: macias.m@mccd.edu.  
 11005 Macias, M Online  
 Comments: Section 11005 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: macias.m@mccd.edu.  
 11006 Macias, M Online  
 Comments: Section 11006 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: macias.m@mccd.edu.  
 11007 Crombie, K Online  
 Comments: Section 11007 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: crombie.k@mccd.edu.



11008	Crombie, K	Online	Comments: Section 11008 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: crombie.k@mccd.edu.
11010	White, S	Online	Comments: Section 11010 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: summer.white@mccd.edu.
11011	White, S	Online	Comments: Section 11011 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: summer.white@mccd.edu.
11013	Schneider, B	Online	Comments: Section 11013 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: brenda.schneider@mccd.edu.
12007	Schneider, B	Online	Comments: Section 12007 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: brenda.schneider@mccd.edu.
12701	Reed, E	Online	Comments: Section 12701 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: emily.reed@mccd.edu.
12702	Reed, E	Online	Comments: Section 12702 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: emily.reed@mccd.edu.
16004	Goodfellow, K	Online	Comments: Section 16004 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: goodfellow.k@mccd.edu.
16005	Goodfellow, K	Online	Comments: Section 16005 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: goodfellow.k@mccd.edu.
74131	Doust, A	Online	
	Ward, W	Online	Comments: Section 74131 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: TBA.
74133	Ward, W	Online	Comments: Section 74133 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: TBA.

**BIOL-02 Human Biology**

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: Previously taken ENGL-01A and passed with a minimum grade of C or recieved an equivalent.

Limitation on Enrollment: This course is not open to students having a C or better in BIOL-04A or BIOL-04AH. This course is recommended for Allied Health students. 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.

**Online**

11017	Kilic, F	Online	Comments: Section 11017 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: fusun.kilic@mccd.edu.
11018	Kilic, F	Online	Comments: Section 11018 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: fusun.kilic@mccd.edu.
11019	Coburn, C	Online	Comments: Section 11019 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: cary.coburn@mccd.edu.
11020	Coburn, C	Online	Comments: Section 11020 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: cary.coburn@mccd.edu.
11021	Coburn, C	Online	Comments: Section 11021 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: cary.coburn@mccd.edu.
11022	Coburn, C	Online	Comments: Section 11022 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: cary.coburn@mccd.edu.
11023	Coburn, C	Online	Comments: Section 11023 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: cary.coburn@mccd.edu.
16006	Williams, J	Online	Comments: Section 16006 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: john.williams1131@mccd.edu.
78135	Ward, W	Online	Comments: Section 78135 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: wendy.ward@mccd.edu.
78137	Ward, W	Online	Comments: Section 78137 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: wendy.ward@mccd.edu.

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

4.0 units: 54.0 hours lec, 54.0 hours lab.

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

Advisory: Previously taken BIOL-01 or BIOL-02 and ENGL-85A, ENGL-85AC, or ENGL-85E is advised.

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.

**Online**

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

- 11026 Macias, M Online  
Comments: Section 11026 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: macias.m@mccd.edu.
- 11027 Macias, M Online  
Comments: Section 11027 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: macias.m@mccd.edu.
- 12013 Macias, M Online  
Comments: Section 12013 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: macias.m@mccd.edu.

### BIOL-04B Diversity of Life: Morphology and Physiology

5.0 units: 54.0 hours lec, 108.0 hours lab.

Prerequisite: Take BIOL-04A or BIOL-04H; Minimum grade C,P;

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.

#### Online

- 11028 Estrella, C Online  
Comments: Section 11028 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: estrella.c@mccd.edu.

### BIOL-06 Environmental Science

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85A, ENGL-85AC or ENGL-85E is advised.

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, biodiversity, the impact of industrialization and urbanization, energy, populations, resources, pollution, pesticides and risk/benefit assessment.

#### Online

- 11029 Gomez Daglio, L Online  
Comments: Section 11029 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: liza.gomezdaglio@mccd.edu.
- 12803 Williams, J Online  
Comments: Section 12803 is held from 10/19/20 to 12/18/20 and will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: john.williams1131@mccd.edu.

### BIOL-09 Introduction to Genetics

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85A, ENGL-85AC or ENGL-85E is advised.

This course is an introductory study of genetic principles, inheritance, variation, and evolution in plants and animals. This course includes the study of Mendelian genetics, molecular genetics, and population genetics. Recent research innovations explored include genetic engineering.

#### Online

- 11030 Albano, V Online  
Comments: Section 11030 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please

contact the instructor at: valerie.albano@mccd.edu.

### BIOL-16 General Human Anatomy

4.0 units: 36.0 hours lec, 108.0 hours lab.

Prerequisite: Previously taken BIOL-01 BIOL-02 or BIOL-04A and passed with a minimum grade of C or received an equivalent. Previously taken ENGL-85A or ENGL-85AC and passed with a minimum grade of C or received an equivalent.

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.

#### Online

- 11031 Albano, V Online  
Comments: Section 11031 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: valerie.albano@mccd.edu.
- 11032 Igo, M Online  
Comments: Section 11032 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: megan.igo@mccd.edu.
- 11033 Schneider, B Online  
Comments: Section 11033 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: brenda.schneider@mccd.edu.
- 11034 Schneider, B Online  
Comments: Section 11034 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: brenda.schneider@mccd.edu.
- 11035 Cayetano Simmari, L Online  
Comments: Section 11035 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: luis.cayetanosimmari@mccd.edu.
- 11036 Cayetano Simmari, L Online  
Comments: Section 11036 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: luis.cayetanosimmari@mccd.edu.
- 12008 Albano, V Online  
Comments: Section 12008 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: valerie.albano@mccd.edu.
- 12813 Cornel, M Online  
Comments: Section 12813 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: megan.cornel@mccd.edu.
- 12814 Cornel, M Online  
Comments: Section 12814 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: megan.cornel@mccd.edu.
- 16009 Zermeno, J Online  
Comments: Section 16009 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: joe.zermeno@mccd.edu.
- 16010 Zermeno, J Online  
Comments: Section 16010 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: joe.zermeno@mccd.edu.





16011	Eayre, C	Online	Comments: Section 16011 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: <a href="mailto:cynthia.eayre@mccd.edu">cynthia.eayre@mccd.edu</a> .
16012	Eayre, C	Online	Comments: Section 16012 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: <a href="mailto:cynthia.eayre@mccd.edu">cynthia.eayre@mccd.edu</a> .
74143	Schroeder, K	Online	Comments: CONTACT: <a href="mailto:katherine.schroeder@mccd.edu">katherine.schroeder@mccd.edu</a> Section 74143 will be offered remotely and has a web component requiring internet access; additional fees may apply.
74145	Schroeder, K	Online	Comments: CONTACT: <a href="mailto:katherine.schroeder@mccd.edu">katherine.schroeder@mccd.edu</a> Section 74145 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**Los Banos Campus**

74147	-	Ward, W	TTh 02:00p-04:50p Ward, W LB-B-104 Comments: Section 74147 LECTURE will be offered remotely and has a web component requiring internet access; additional fees may apply. IN-CLASS SESSIONS: LAB; Tuesdays and Thursdays; 02:00p-04:50p; LB-B104. For further information regarding this course, please contact the instructor at: <a href="mailto:wendy.ward@mccd.edu">wendy.ward@mccd.edu</a>
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**BIOL-18 Principles of Physiology**

4.0 units: 54.0 hours lec, 54.0 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.

**Online**

11037	Reed, E	Online	Comments: Section 11037 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: <a href="mailto:emily.reed@mccd.edu">emily.reed@mccd.edu</a> .
11038	Reed, E	Online	Comments: Section 11038 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: <a href="mailto:emily.reed@mccd.edu">emily.reed@mccd.edu</a> .
11039	Reed, E	Online	Comments: Section 11039 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: <a href="mailto:emily.reed@mccd.edu">emily.reed@mccd.edu</a> .
11040	Touma, C	Online	Comments: Section 11040 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: <a href="mailto:christiane.pailo@mccd.edu">christiane.pailo@mccd.edu</a> .
11041	Touma, C	Online	Comments: Section 11041 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: <a href="mailto:christiane.pailo@mccd.edu">christiane.pailo@mccd.edu</a> .
11143	Reed, E	Online	Comments: Section 11143 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: <a href="mailto:emily.reed@mccd.edu">emily.reed@mccd.edu</a> .

12011	Reed, E	Online	Comments: Section 12011 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: <a href="mailto:emily.reed@mccd.edu">emily.reed@mccd.edu</a> .
12014	Reed, E	Online	Comments: Section 12014 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: <a href="mailto:emily.reed@mccd.edu">emily.reed@mccd.edu</a> .
16013	Doscher, E	Online	Comments: Section 16013 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: <a href="mailto:evin.doscher@mccd.edu">evin.doscher@mccd.edu</a> .
16048	Doscher, E	Online	Comments: Section 16048 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: <a href="mailto:evin.doscher@mccd.edu">evin.doscher@mccd.edu</a> .
74149	Schroeder, K	Online	Comments: CONTACT: <a href="mailto:katherine.schroeder@mccd.edu">katherine.schroeder@mccd.edu</a> Section 74149 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**BIOL-20 Microbiology**

4.0 units: 36.0 hours lec, 108.0 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**

11042	-	Touma, C	MW 11:00a-01:50p Touma, C SCI-114 Comments: Section 11042 lecture will be offered remotely and has a web component requiring internet access; additional fees may apply. IN-CLASS SESSIONS: Lab; Mondays and Wednesdays; 11:00a-01:50p; SCI-114. For further information regarding this course, please contact the instructor at: <a href="mailto:christiane.pailo@mccd.edu">christiane.pailo@mccd.edu</a> .
11043	-	Igo, M	MW 08:00a-10:50a Igo, M SCI-114 Comments: Section 11043 lecture will be offered remotely and has a web component requiring internet access; additional fees may apply. IN-CLASS SESSIONS: Lab; Mondays and Wednesdays; 08:00a-10:50a; SCI-114. For further information regarding this course, please contact the instructor at: <a href="mailto:megan.igo@mccd.edu">megan.igo@mccd.edu</a> .
11044	-	Igo, M	MW 02:00p-04:50p Igo, M SCI-114 Comments: Section 11044 lecture will be offered remotely and has a web component requiring internet access; additional fees may apply. IN-CLASS SESSIONS: Lab; Mondays and Wednesdays; 02:00p-04:50p; SCI-114. For further information regarding this course, please contact the instructor at: <a href="mailto:megan.igo@mccd.edu">megan.igo@mccd.edu</a> .
11045	-	Modafferi, E	TTh 08:00a-10:50a Modafferi, E SCI-114 Comments: Section 11045 lecture will be offered remotely and has a web component requiring internet access; additional fees may apply. IN-CLASS SESSIONS: Lab; Tuesdays and





- Thursdays; 08:00a-10:50a; SCI-114. For further information regarding this course, please contact the instructor at: edward.modafferi@mccd.edu.
- 11046 - Modafferi, E  
TTh 02:00p-04:50p Modafferi, E SCI-114  
Comments: Section 11046 lecture will be offered remotely and has a web component requiring internet access; additional fees may apply. IN-CLASS SESSIONS: Lab; Tuesdays and Thursdays; 02:00p-04:50p; SCI-114. For further information regarding this course, please contact the instructor at: edward.modafferi@mccd.edu.
- 11047 - Touma, C  
TTh 11:00a-01:50p Touma, C SCI-114  
Comments: Section 11047 lecture will be offered remotely and has a web component requiring internet access; additional fees may apply. IN-CLASS SESSIONS: Lab; Tuesdays and Thursdays; 11:00a-01:50p; SCI-114. For further information regarding this course, please contact the instructor at: christiane.pailo@mccd.edu.
- 16015 - Vierra, S  
MW 06:30p-09:20p Vierra, S SCI-114  
Comments: Section 16015 lecture will be offered remotely and has a web component requiring internet access; additional fees may apply. IN-CLASS SESSIONS: Lab; Mondays and Wednesdays; 06:30p-09:20p; SCI-114. For further information regarding this course, please contact the instructor at: vier-ra.s@mccd.edu.

### BIOL-50 Survey of Anatomy & Physiology

3.0 units: 54.0 hours lec.

Prerequisite: Take 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.

#### Online

- 16017 Fragasso, G Online  
Comments: Section 16017 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: fragasso.g@mccd.edu.

### Business (BUS)

#### BUS-10 Introduction to Business

3.0 units: 54.0 hours lec.

Advisory: Previously taken AOM-30 and ENGL-85A or ENGL-85AC is advised.

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

- 17703 Matis Foss, A Online  
Comments: Section 17703 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: amanda.matisfoss@mccd.edu.
- 31520 Casey, R Online  
Comments: Section 31520 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: casey.r@mccd.edu
- 31521 Haugen, A Online  
Comments: Section 31521 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: haugen.a@mccd.edu
- 31522 Haugen, A Online

Comments: Section 31522 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: haugen.a@mccd.edu

- 32050 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. Section 32050 has a web component requiring internet access; additional fees may apply.
- 32852 Haugen, A Online  
Comments: Section 32852 is held 09/28/20 to 11/06/20. CONTACT: haugen.a@mccd.edu for course-specific questions. COMMENTS: Students must log into the course or contact the instructor within the first two days of semester to avoid being dropped. Additional fees may apply. For specific text/access code, view the syllabus available in Canvas.
- 74171 Snipes, R Online  
Comments: CONTACT: snipes.r@mccd.edu Section 74171 will be offered remotely and has a web component requiring internet access; additional fees may apply.

### BUS-18A Business Law

4.0 units: 72.0 hours lec.

Advisory: Previously taken BUS-10 and ENGL-01A is advised.

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

- 31523 Patterson, E Online  
Comments: Section 31523 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: elizabeth.patterson@mccd.edu
- 32051 Matis Foss, A Online  
Comments: CONTACT: amanda.matisfoss@mccd.edu for course specific questions.
- 36521 Thompson, S Online  
Comments: Section 36521 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: samantha.thompson@mccd.edu

### BUS-35 Money Management

3.0 units: 54.0 hours lec.

Advisory: Previously taken BUS-10 is advised.

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

- 32750 Haugen, A Online  
Comments: Section 32750 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: haugen.a@mccd.edu
- 78179 Singh, R Online  
Comments: CONTACT: randeep.singh@mccd.edu Section 78179 will be offered remotely and has a web component requiring internet access; additional fees may apply.



**BUS-37 Small Business Entrepreneurship**

3.0 units: 54.0 hours lec.

Advisory: Previously taken AOM-30 is advised.

This course is designed to educate prospective new business owners. Topics include the business environment, enterprise management, legal considerations, financing, insuring a business, budgeting, and marketing for a small business.

**Online**

36555

Matis Foss, A Online

Comments: Section 36555 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: amanda.matisfoss@mccd.edu

**Business - Non-Credit (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.

**Online**

95908

Carroll, C Online

**BUSN-752 Introduction to Microcomputers**

0.0 units: .

Advisory: ENGL-A. This course combines the study of basic genetic principles with the study of the anatomical and physiological aspects of reproduction as they relate to animal species significant to agriculture. The genetic principles to be emphasized include basic inheritance, selection techniques, mating systems, heterosis, and performance evaluation. The reproductive aspects to include endocrinology, estrous cycles, mating behaviors, gametogenesis, conception, gestation, parturition, and maternal behaviors. Artificial insemination, embryo manipulation, and current innovations in reproductive biotechnology will also be examined.

**Online**

95910

Carroll, C Online

95920

Murillo Meraz, O Online

Comments: CONTACT: olga.murilla344@mccd.edu COMMENTS: Section 95920 will be offered remotely and has a web component requiring internet access; additional fees may apply.

95921

Murillo Meraz, O Online

Comments: CONTACT: olga.murilla344@mccd.edu COMMENTS: Section 95921 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**Chemistry (CHEM)****CHEM-02A Introductory Chemistry**

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: Take MATH-C, MATH-61 or MATH-62; Minimum Grade C,P;

Advisory: Previously taken ENGL-85A, ENGL-85AC or ENGL-85E is advised. This is an introduction to the general principles of

inorganic chemistry, atomic and molecular structure, states of matter, solutions, and radio-activity. The class is designed for students majoring in liberal studies; nursing or agriculture.

**Online**

11049

Dawson, D Online

Comments: Section 11049 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: denisha.dawson@mccd.edu.

11050

Tenn, B Online

Comments: Section 11050 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: brandon.tenn@mccd.edu.

11051

Tenn, B Online

Comments: Section 11051 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: brandon.tenn@mccd.edu.

11052

Tenn, B Online

Comments: Section 11052 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: brandon.tenn@mccd.edu.

11053

Tenn, B Online

Comments: Section 11053 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: brandon.tenn@mccd.edu.

11054

Tenn, B Online

Comments: Section 11054 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: brandon.tenn@mccd.edu.

11056

Wood, B Online

Comments: Section 11056 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: bret.wood@mccd.edu.

11057

Wood, B Online

Comments: Section 11057 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: bret.wood@mccd.edu.

12009

Djamali, E Online

Comments: Section 12009 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: raffaele.perrotta@mccd.edu.

12010

Djamali, E Online

Comments: Section 12010 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: raffaele.perrotta@mccd.edu.

12703

Dawson, D Online

Comments: Section 12703 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: denisha.dawson@mccd.edu.

12704

Dawson, D Online

Comments: Section 12704 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: denisha.dawson@mccd.edu.

16018

Le, T Online

Comments: Section 16018 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: thanhgoc.le@mccd.edu.

16019

Le, T Online

Comments: Section 16019 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: thanhgoc.le@mccd.edu.

16020

Giagou, T Online

Comments: Section 16020 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: thomas.giagou@mccd.edu.



- 16021 Giagou, T Online  
Comments: Section 16021 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: thomas.giagou@mccd.edu.
- 74193 Khurana, S Online  
Comments: CONTACT: saheba.khurana@mccd.edu Section 74193 will be offered remotely and has a web component requiring internet access; additional fees may apply.
- 78191 Khurana, S Online  
Comments: Section 78191 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: saheba.khurana@mccd.edu.

### CHEM-02B Introductory Chemistry: Introduction to Organic & Biochemistry

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: Take CHEM-02A; MATH-C or MATH-61 or MATH-62; Minimum grade C,P;

Advisory: Previously taken ENGL-85A, ENGL-85AC or ENGL-85E and LRNR-30 is advised.

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.

#### Online

- 12705 Weathers, A Online  
Comments: Section 12705 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: april.weathers@mccd.edu.
- 12706 Weathers, A Online  
Comments: Section 12706 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: april.weathers@mccd.edu.

### CHEM-04A General Chemistry I

5.0 units: 54.0 hours lec, 108.0 hours lab.

Prerequisite: Take CHEM-02A; Take MATH-C or MATH-61 or MATH-62. Minimum grade C,P.

Advisory: Previously taken ENGL-85A, ENGL-85AC or ENGL-85E is advised.

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.

#### Online

- 11058 Wood, B Online  
Comments: Section 11058 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: bret.wood@mccd.edu.
- 11059 Wood, B Online  
Comments: Section 11059 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please

contact the instructor at: bret.wood@mccd.edu.

- 11060 Weathers, A Online  
Comments: Section 11060 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: april.weathers@mccd.edu.
- 11062 Weathers, A Online  
Comments: Section 11062 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: april.weathers@mccd.edu.
- 16022 Issavi, H Online  
Comments: Section 16022 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: halin.issavi@mccd.edu.
- 74197 Khurana, S Online  
Comments: CONTACT: saheba.khurana@mccd.edu Section 74197 will be offered remotely and has a web component requiring internet access; additional fees may apply.

### CHEM-04B General Chemistry II

5.0 units: 54.0 hours lec, 108.0 hours lab.

Prerequisite: Take CHEM-04A. Minimum grade C,P.

Advisory: Previously taken ENGL-85A, ENGL-85AC or ENGL-85E is advised.

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.

#### Online

- 11063 Dawson, D Online  
Comments: Section 11063 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: denisha.dawson@mccd.edu.
- 12012 Dawson, D Online  
Comments: Section 12012 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: denisha.dawson@mccd.edu.
- 16023 Ventura, D Online  
Comments: Section 16023 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: dusty.ventura@mccd.edu.

### CHEM-12A Organic Chemistry I

5.0 units: 54.0 hours lec, 108.0 hours lab.

Prerequisite: Take CHEM-04B. Minimum grade C,P.

Advisory: Previously taken ENGL-01A is advised.

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. Cor-relating 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**

11065 - Fregene, P  
TTh 11:00a-01:50p Fregene, P SCI-104  
Comments: Section 11065 lecture will be offered remotely and has a web component requiring internet access; additional fees may apply. IN-CLASS SESSIONS: Lab; Tuesdays and Thursdays; 11:00a-01:50p; SCI-104. For further information regarding this course, please contact the instructor at: paul.fregene@mccd.edu.

11066 - Fregene, P  
TTh 02:00p-04:50p Fregene, P SCI-104  
Comments: Section 11066 lecture will be offered remotely and has a web component requiring internet access; additional fees may apply. IN-CLASS SESSIONS: Lab; Tuesdays and Thursdays; 02:00p-04:50p; SCI-104. For further information regarding this course, please contact the instructor at: paul.fregene@mccd.edu.

**CHEM-12B Organic Chemistry II**

5.0 units: 54.0 hours lec, 108.0 hours lab.

Prerequisite: Take CHEM-12A. Minimum grade C,P.

Advisory: Previously taken ENGL-85A, ENGL-85AC or ENGL-85E is advised.

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**

11067 - Fregene, P  
MW 02:00p-04:50p Fregene, P SCI-104  
Comments: Section 11067 lecture will be offered remotely and has a web component requiring internet access; additional fees may apply. IN-CLASS SESSIONS: Lab; Mondays and Wednesdays; 02:00p-04:50p; SCI-104. For further information regarding this course, please contact the instructor at: paul.fregene@mccd.edu.

**Child Development (CLDV)**
**CLDV-01 Child Growth and Development**

3.0 units: 54.0 hours lec.

Prerequisite: Previously taken ENGL-85A or ENGL-85AC and passed with a minimum grade of C or received an equivalent.

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**

41800 Patton, M Online  
Comments: CONTACT: marvin.patton@mccd.edu Section 41800 will be offered remotely and has a web component requiring internet access; additional fees may apply.

41801 Patton, M Online  
Comments: CONTACT: marvin.patton@mccd.edu Section 41801 will be offered remotely and has a web component requiring internet access; additional fees may apply.

41802 Bluett-Murphy, V Online  
Comments: CONTACT: victoria.bluett-murp@mccd.edu Section 41802 will be offered remotely and has a web component requiring internet access; additional fees may apply.

42460 McCarrick, S Online  
Comments: CONTACT: stacey.mccarrick@mccd.edu Section 42460 has a web component requiring internet access; additional fees may apply.

42461 McCarrick, S Online  
Comments: CONTACT: stacey.mccarrick@mccd.edu Section 42461 has a web component requiring internet access; additional fees may apply.

46800 Cruthird, A Online  
Comments: CONTACT: andrea.cruthird@mccd.edu Section 46800 will be offered remotely and has a web component requiring internet access; additional fees may apply.

78221 Oks, O Online  
Comments: CONTACT: oksana.oks@mccd.edu Section 78221 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**CLDV-02 Child, Family and Community**

3.0 units: 54.0 hours lec.

Prerequisite: Previously taken ENGL-85A or ENGL-85AC and passed with a minimum grade C or received an equivalent

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**

41606 McCarrick, S Online  
Comments: Section 41606 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: stacey.mccarrick@mccd.edu

42462 McCarrick, S Online  
Comments: CONTACT: stacey.mccarrick@mccd.edu Section 42462 has a web component requiring internet access; additional fees may apply.

**CLDV-03 Principles and Practices of Teaching Young Children**

3.0 units: 54.0 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**

42463 Patton, M Online  
Comments: CONTACT: marvin.patton@mccd.edu Section 42463 has a web component requiring internet access; additional fees may apply.

46801 Garza, M Online  
Comments: Section 46801 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: monica.garza7@mccd.edu

78239 Rocha, J Online  
Comments: CONTACT: jennifer.rocha@mccd.edu Section 78239 will be offered remotely and has a web component requiring internet access; additional fees may apply."





**CLDV-04 Observation and Assessment**

3.0 units: 36.0 hours lec, 54.0 hours lab.

One-way Corequisite: Take CLDV-03.

Prerequisite: Previously taken CLDV-01; minimum grade C,P;

Advisory: Previously taken ENGL-01A is advised.

Limitation on Enrollment: As per California Law SB792, all volunteers, students and employees of early care and education facilities which serve children 0-5 yrs must provide documented verification of immunizations and negative TB test. 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.

**Online**

41813 Nunez, J Online

Comments: Section 41813 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: jose.nunez873@mccd.edu COMMENTS: Due to Merced College's response and mitigation strategies to the Coronavirus (COVID-19), students enrolled in CLDV 04 will maintain an online modality for Fall 2020 term. This said, students enrolled in CLDV 04 will participate in 3 hours of virtual lab online each week to equal a total of 3 hours per week of lab experience. Students are directed to await instructions from their professor prior to the start of the semester on August 17, 2020.

42780 Soria, L Online

Comments: CONTACT: libby.soria@mccd.edu Section 42472 has a web component requiring internet access; additional fees may apply. COMMENTS: Due to Merced College's response and mitigation strategies to the Coronavirus (COVID-19), students enrolled in CLDV 04 will maintain an online modality for Fall 2020 term. This said, students enrolled in CLDV 04 will participate in 3 hours of virtual lab online each week to equal a total of 3 hours per week of lab experience. Students are directed to await instructions from their professor prior to the start of the semester on August 17, 2020. If you have any questions, please email Prof.Soria at libby.soria@mccd.edu.

**CLDV-05 Health, Safety and Nutrition**

3.0 units: 54.0 hours lec.

Prerequisite: Take ENGL-A or ENGL-85A or ENGL-85AC or EN-GL-85E; Minimum grade C,P;

Advisory: Previously taken ENGL-01A is advised.

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**

41814 Brace, K Online

Comments: Section 41814 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: kirsty.brace@mccd.edu

42464 Patton, M Online

Comments: CONTACT: marvin.patton@mccd.edu Section 42464 has a web component requiring internet access; additional fees may apply.

**CLDV-06 Teaching in A Diverse Society**

3.0 units: 54.0 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**

42465 McCarrick, S Online

Comments: CONTACT: stacey.mccarick@mccd.edu Section 42465 has a web component requiring internet access; additional fees may apply.

46811 McCarrick, S Online

Comments: Section 46811 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: stacey.mccarrick@mccd.edu

**CLDV-07 Introduction to Curriculum for the Young Child**

3.0 units: 54.0 hours lec.

Prerequisite: Take CLDV-03

Advisory: Previously taken ENGL-01A is advised.

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.

**Online**

41818 Brace, K Online



Comments: Section 41818 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: kirsty.brace@mccd.edu

42466 Brace, K Online



Comments: CONTACT: kirsty.brace@mccd.edu Section 42466 has a web component requiring internet access; additional fees may apply.

**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.

Limitation on Enrollment: As per California law SB792, all students who work in early care development facilities and programs must provide documented verification of mandatory immunizations and proof of a negative TB test. All student documentation must be verified prior to participating in the practicum course. 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**

41820 - Heft, A  
Comments: Section 41820 the lecture and partial lab will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: april.heft@mccd.edu COMMENTS: Due to Merced College's response and mitigation strategies to the Coronavirus (COVID-19), the Child Development's fall 2020 term will still maintain both face-to-face and online modalities. This said, students enrolled in CLDV 07L - Practicum will be participating face to face at the Merced College campus child development center 3 hours per week. In addition, students will participate in 3 hours virtual lab online to equal 6 hours per week of lab experience. Students are required to show proof of negative TB test and state mandated immunizations. Students are directed to await instructions from their professor prior to the start of the semester August 17, 2020. If you have any questions, please email Prof. Heft at april.heft@mccd.edu.

46802 - Heft, A  
Comments: Section 46802 the lecture and partial lab will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: april.heft@mccd.edu COMMENTS: Due to Merced College's response and mitigation strategies to the Coronavirus (COVID-19), the Child Development's fall 2020 term will still maintain both face-to-face and online modalities. This said, students enrolled in CLDV 07L - Practicum will be participating face to face at the Merced College campus child development center 3 hours per week. In addition, students will participate in 3 hours virtual lab online to equal 6 hours per week of lab experience. Students are required to show proof of negative TB test and state mandated immunizations. Students are directed to await instructions from their professor prior to the start of the semester August 17, 2020. If you have any questions, please email Prof. Heft at april.heft@mccd.edu.

**CLDV-09 Human Development**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85AC or ENGL-01A is advised.

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**

41822 Patton, M Online  
Comments: Section 41822 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: marvin.patton@mccd.edu

41823 Nunez, J Online  
Comments: Section 41823 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: jose.nunez873@mccd.edu

42037 Grimes, J Online  
Comments: CONTACT: For course-specific questions contact joanna.grimes@mccd.edu. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

42467 Bluett-Murphy, V Online  
Comments: CONTACT: victoria.bluettmurp@mccd.edu Section 42467 has a web component requiring internet access; additional fees may apply.

42468 Bluett-Murphy, V Online  
Comments: CONTACT: victoria.bluettmurp@mccd.edu Section 42468 has a web component requiring internet access; additional fees may apply.

72811 Rocha, J Online  
Comments: CONTACT: jennifer.rocha@mccd.edu Section 72811 is held from 08/17/20 to 10/15/20.

72813 Rocha, J Online  
Comments: CONTACT: jennifer.rocha@mccd.edu Section 72813 is held from 10/19/20 to 12/18/20.

**CLDV-10 Strategies for Working With Challenging Behaviors**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85A, ENGL-85AC or ENGL-85E is advised.

Appropriate for classroom teachers in various settings, students will identify developmentally appropriate behaviors, challenging behaviors and the various influences that effect children's behavior. Students will analyze children's behaviors and select strategies to make positive changes. Emphasizes the connection between children's social and emotional development and their success in the classroom, and how the teachers' perceptions, experiences, and behavior influence child behaviors.

**Online**

46804 Brace, K Online  
Comments: Section 46804 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: kirsty.brace@mccd.edu

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

1.0 units: .

Advisory: Previously taken ENGL-85A or ENGL-85AC is advised.

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**

43800 - Cruthird, A  
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <Ahref=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/acade ics/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for CLDV 24, Work Experience in Child Development, 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 Child Development and whose work is related to Child Development and requires completion of 60 volunteer or 75 paid hours.

43801 - Cruthird, A  
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <Ahref=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/acade ics/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for CLDV 24, Work Experience in Child Development, must have a paid or volunteer work position in place at the time of registration. This 2 units course is designed for students majoring in Child Development and whose work is related to Child Development and requires completion of 120 volunteer or 150 paid hours.

43802 - Cruthird, A  
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <Ahref=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/acade ics/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for CLDV 24, Work Experience in Child Development, must have a paid or volunteer work position in place at the time of registration. This 3 units course is designed for students majoring in Child Development and whose work is related to



43803 - Cruthird, A  
 Child Development and requires completion of 180 volunteer or 225 paid hours.  
 Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for CLDV 24, Work Experience in Child Development, must have a paid or volunteer work position in place at the time of registration. This 4 units course is designed for students majoring in Child Development and whose work is related to Child Development and requires completion of 240 volunteer or 300 paid hours.

### Los Banos Campus

73185 - Cruthird, A  
 Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for CLDV 24, Work Experience in Child Development, must have a paid or volunteer work position in place at the time of registration. This 1 units course is designed for students majoring in Child Development and whose work is related to Child Development and requires completion of 60 volunteer or 75 paid hours.

73186 - Cruthird, A  
 Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for CLDV 24, Work Experience in Child Development, 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 Child Development and whose work is related to Child Development and requires completion of 120 volunteer or 150 paid hours.

73187 - Cruthird, A  
 Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for CLDV 24, Work Experience in Child Development, must have a paid or volunteer work position in place at the time of registration. This 3 unit course is designed for students majoring in Child Development and whose work is related to Child Development and requires completion of 180 volunteer or 225 paid hours.

73188 - Cruthird, A  
 Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for CLDV 24, Work Experience in Child Development, must have a paid or volunteer work position in place at the time of registration. This 4 unit course is designed for students majoring in Child Development and whose work is related to Child Development and requires completion of 240 volunteer or 300 paid hours.

### CLDV-30 Infant and Toddler Development

3.0 units: 54.0 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.

#### Online

46805 Snider, B Online

Comments: Section 46805 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: snider.b@mccd.edu

### CLDV-34A Administration 1: Early Childhood Program Early Childhood Education

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-01A is advised.

This course is an introduction to the administration of early childhood programs. It covers program types, budget management, regulations, laws, development and implementation of policies and procedures. It examines administrative tools, philosophies, and techniques needed to organize, open, and operate an early care and education program.

#### Online

42473 Befumo, A Online  
 Comments: CONTACT: april.befumo@mccd.edu Section 42473 has a web component requiring internet access; additional fees may apply.

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

2.0 units: 36.0 hours lec.

Advisory: Previously taken CLDV-01 or ENGL-01A is advised.

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.

#### Online

42469 Cruthird, A Online  
 Comments: CONTACT: andrea.cruthird@mccd.edu Section 42469 has a web component requiring internet access; additional fees may apply.

### CLDV-38 Children With Special Needs

3.0 units: 54.0 hours lec.

Advisory: Previously taken CLDV-01 and ENGL-85A, ENGL-85AC or ENGL-85E is advised.

Introduces the variations in development of children with special needs ages birth through eight and the resulting impact on families. Includes an overview of typical and atypical development, historical and societal influences, laws relating to children with special needs, and the identification and referral process.

#### Online

42470 Brace, K Online  
 Comments: CONTACT: kirsty.brace@mccd.edu Section 42470 has a web component requiring internet access; additional fees may apply.

### Communication Studies (COMM)

#### COMM-01 Fundamentals of Speech

3.0 units: 54.0 hours lec.

Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A(7992) or ENGL-01A(7994); 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.

#### Online

21100 Cavallero, D Online  
 Comments: Section 21100 has a web component requiring internet access; additional fees may apply.  
 21101 Amarillas, M Online  
 Comments: Section 21101 has a web component requiring internet access; additional fees may apply.





21102	Bonstein, J	Online	Comments: Section 21102 has a web component requiring internet access: additional fees may apply.
21105	Bonstein, J	Online	Comments: Section 21105 has a web component requiring internet access: additional fees may apply.
21106	Bonstein, J	Online	Comments: Section 21106 has a web component requiring internet access: additional fees may apply.
21107	Ward, M	Online	Comments: Section 21107 has a web component requiring internet access: additional fees may apply. CONTACT: matthew.ward@mccd.edu
21108	Young, J	Online	Comments: Section 21108 has a web component requiring internet access: additional fees may apply.
21109	Mariona, L	Online	Comments: Section 21109 has a web component requiring internet access: additional fees may apply. CONTACT: lisa.mariona@mccd.edu
21110	Young, J	Online	Comments: Section 21110 has a web component requiring internet access: additional fees may apply.
26100	Bonstein, J	Online	Comments: Section 26100 has a web component requiring internet access: additional fees may apply. CONTACT: bonstein.j@mccd.edu
28223	Bonstein, J	Online	Comments: Section 28223 is held from 08/17/20 to 09/25/20. CONTACT: bonstein.j@mccd.edu
28224	Ward, M	Online	Comments: Section 28224 is held from 11/09/20 to 12/18/20. CONTACT: matthew.ward@mccd.edu
72815	Cheek, G	Online	Comments: CONTACT: griffin.cheek@mccd.edu Section 72815 is held from 10/19/20 to 12/18/20.
74241	Cheek, G	Online	Comments: CONTACT:griffin.cheek@mccd.edu Section 74241 will be offered remotely and has a web component requiring internet access; additional fees may apply.
74245	Cheek, G	Online	Comments: CONTACT: griffin.cheek@mccd.edu Section 74245 will be offered remotely and has a web component requiring internet access; additional fees may apply.
74247	Cavallero, D	Online	Comments: CONTACT: daniel.cavallero@mccd.edu Section 74247 will be offered remotely and has a web component requiring internet access; additional fees may apply.
78243	Cheek, G	Online	Comments: CONTACT: griffin.cheek@mccd.edu Section 78243 will be offered remotely and has a web component requiring internet access; additional fees may apply.

### COMM-01H Honors Fundamentals of Speech

3.0 units: 54.0 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;

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

#### Online

21103	Bonstein, J	Online	Comments: Section 21103 has a web component requiring internet access: additional fees may apply.
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### COMM-02 Oral Interpretation

3.0 units: 54.0 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 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.

#### Online

21111	Bonstein, J	Online	Comments: Section 21111 has a web component requiring internet access: additional fees may apply.
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### COMM-04 Small Group Discussion & Problem Solving

3.0 units: 54.0 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 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.

#### Online

21112	Hobbs, L	Online	Comments: Section 21112 has a web component requiring internet access: additional fees may apply.
21113	Hobbs, L	Online	Comments: Section 21113 has a web component requiring internet access: additional fees may apply.
21114	Ward, M	Online	Comments: Section 21114 has a web component requiring internet access: additional fees may apply. CONTACT: matthew.ward@mccd.edu
21115	Ramsey, R	Online	Comments: Section 21115 has a web component requiring internet access: additional fees may apply. CONTACT: Reed.ramsey@mccd.edu
21116	Young, J	Online	Comments: Section 21116 has a web component requiring internet access: additional fees may apply.
21117	Young, J	Online	Comments: Section 21117 has a web component requiring internet access: additional fees may apply.
21119	Mariona, L	Online	Comments: Section 21119 has a web component requiring internet access: additional fees may apply.
26101	Ward, M	Online	Comments: Section 26101 has a web component requiring internet access: additional fees may apply. CONTACT: matthew.ward@mccd.edu
79015	Cheek, G	Online	Comments: CONTACT:griffin.cheek@mccd.edu Section 79015 will be offered remotely and has a web component requiring internet access; additional fees may apply. Section 79015 is held from 09/21/20-12/18/20.

### COMM-05 Interpersonal Communication

3.0 units: 54.0 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 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.

#### Online

21120	Amarillas, M	Online	Comments: Section 21120 has a web component requiring internet access: additional fees may apply. CONTACT: melissa.amarillas@mccd.edu
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21121	Amarillas, M	Online	Comments: Section 21121 has a web component requiring internet access; additional fees may apply. CONTACT: melissa.amarillas@mccd.edu
21122	Ward, M	Online	Comments: Section 21122 has a web component requiring internet access; additional fees may apply. CONTACT: matthew.ward@mccd.edu
21123	Ward, M	Online	Comments: Section 21123 has a web component requiring internet access; additional fees may apply. CONTACT: matthew.ward@mccd.edu
21124	Young, J	Online	Comments: Section 21124 has a web component requiring internet access; additional fees may apply.
21125	Hobbs, L	Online	Comments: Section 21125 has a web component requiring internet access; additional fees may apply.
21126	Hobbs, L	Online	Comments: Section 21126 has a web component requiring internet access; additional fees may apply.
74253	Cavallero, D	Online	Comments: CONTACT: daniel.cavallero@mccd.edu Section 74253 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**COMM-30 Introduction to Intercultural Communication**

3.0 units: 54.0 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 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.

**Online**

21128	Hobbs, L	Online	Comments: Section 21128 has a web component requiring internet access; additional fees may apply.
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**Computer Science (CPSC)****CPSC-01 Introduction to Computer Information Systems**

4.0 units: 54.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-85A, ENGL-85AC or ENGL-85E and MATH-C is advised

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**

32760	Cornec, R	Online	Comments: Section 32760 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: ronan.cornec@mccd.edu.
32761	Celly, B	Online	Comments: Section 32762 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: bhrigu.celly@mccd.edu
32763	Celly, B	Online	

Comments: Section 32763 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: bhrigu.celly@mccd.edu

32856	Celly, B	Online	Comments: Section 32856 is held 08/17/20 to 09/25/20 CONTACT: bhrigu.celly@mccd.edu for course-specific questions. Section 32856 will be offered remotely and has a web component requiring internet access; additional fees may apply.
78255	Cantrell, B	Online	Comments: CONTACT: bryan.cantrell@mccd.edu Section 78255 will be offered remotely and has a web component requiring internet access; additional fees may apply.

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

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-85A, ENGL-85AC or ENGL-85E is advised.

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.

**Online**

32857	Celly, B	Online	Comments: Section 32857 is held 09/28/20 to 11/06/20. CONTACT: bhrigu.celly@mccd.edu for course-specific questions. Section 32857 will be offered remotely and has a web component requiring internet access; additional fees may apply. This class will be taught in C# and Unity.
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**CPSC-06 Programming Concepts & Methodology I**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: Take MATH-C or MATH-61; Minimum grade C,P; Advisory: Previously taken CPSC-01 and ENGL-85A, ENGL-85AC or ENGL-85E is advised.

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.

**Online**

32764	Kanemoto, K	Online	Comments: Section 32764 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: kanemoto.k@mccd.edu
32765	Kanemoto, K	Online	Comments: Section 32765 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: kanemoto.k@mccd.edu
32858	Celly, B	Online	Comments: Section 32858 is held 11/09/20 to 12/18/20. CONTACT: bhrigu.celly@mccd.edu for course-specific questions. Section 32858 will be offered remotely and has a web component requiring internet access; additional fees may apply.



**CPSC-07 Discrete Structures**

3.0 units: 45.0 hours lec, 27.0 hours lab.

Prerequisite: Take CPSC-06 or CPSC-14 or ENGR-14; Take MATH-04A; Minimum Grade C, P;

This course is an introduction to the discrete structures used in Computer Science with an emphasis on their applications. Topics covered include: functions and recursion, relations and sets; basic logic; proof techniques; basics of counting; graphs and trees; and discrete probability.

**Online**

31534 Hogan, G Online

Comments: Section 31534 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: gregory.hogan@mccd.edu

**CPSC-14 C++ Programming**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: Take MATH-C or MATH-61; Minimum Grade C,P; Advisory: Previously taken CPSC-01 and ENGL-01A is advised.

This is the entry-level comprehensive concepts course for computer science majors, and is recommended for science and math majors. Algorithm design, logic diagrams, problem-solving, coding, and debugging are emphasized using a structured language such as C++.

**Online**

31531 Kanemoto, K Online

Comments: Section 31531 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: kanemoto.k@mccd.edu

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

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: Take CPSC-06 or ENGR-14 or MATH-14. Minimum grade C,P;

Advisory: Previously taken ENGL-01A is advised.

This course is a continuation course in Computer Science which introduces further aspects of software design and implementation. Abstract data types, fundamental data structures and associated algorithms: lists, stacks, queues and trees. Students will be expected to design, implement, test and analyze a number of programs.

**Online**

31532 Kanemoto, K Online

Comments: Section 31532 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: kanemoto.k@mccd.edu

**CPSC-42 Computer Architecture and Organization**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: Take CPSC-06 or ENGR-14 or MATH-14; Minimum Grade C, P;

Previously taken ENGL-85A, ENGL-85AC or ENGL-85E is advised. 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.

**Online**

31533 Kanemoto, K Online

Comments: Section 31533 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: kanemoto.k@mccd.edu

**Criminal Justice (CRIM)****CRIM-01 Criminology**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85A or ENGL-85AC is advised

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.

**Online**

41860 Noblett, D Online

Comments: CONTACT: david.noblett@mccd.edu Section 41860 will be offered remotely and has a web component requiring internet access; additional fees may apply.

41861 Singh, R Online

Comments: CONTACT: randeep.singh@mccd.edu Section 41861 will be offered remotely and has a web component requiring internet access; additional fees may apply.

42471 Johnson, M Online

Comments: CONTACT: mark.johnson702@mccd.edu Section 42471 has a web component requiring internet access; additional fees may apply.

42474 Johnson, M Online

Comments: CONTACT: mark.johnson702@mccd.edu Section 42474 has a web component requiring internet access; additional fees may apply.

78271 Singh, R Online

Comments: CONTACT: randeep.singh@mccd.edu Section 78271 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**CRIM-02 Introduction to Criminal Justice**

3.0 units: 54.0 hours lec.

Prerequisite: Previously taken ENGL-85 is advised.

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.

**Online**

17705 Hilliard, D Online

Comments: Section 17705 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: devon.hilliard@mccd.edu.

41862 Jackson, R Online

Comments: CONTACT: robert.jackson920@mccd.edu Section 41862 will be offered remotely and has a web component requiring internet access; additional fees may apply.

46807 Johnson, M Online

Comments: Section 46807 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: mark.johnson702@mccd.edu

49800 Johnson, M Online

Comments: Section 49800 is held 08/17/20-10/15/20. Section 49800 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: mark.johnson702@mccd.edu

78273 Hilliard, D Online

Comments: CONTACT: devon.hilliard@mccd.edu Section 78273 will be offered remotely and has a web component requiring internet access; additional fees may apply.



**CRIM-03 Criminal Procedures**

3.0 units: 54.0 hours lec.

Prerequisite: Previously taken CRIM-02 and passed with a minimum grade of C -- AND --- Previously taken ENGL-85A or ENGL-85AC and passed with a minimum grade of C or received an equivalent

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.

**Online**

41864 Jackson, R Online  
Comments: CONTACT: robert.jacson@mccd.edu Section 41864 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**CRIM-04 Criminal Law**

3.0 units: 54.0 hours lec.

Prerequisite: Previously taken CRIM-02 and passed with a minimum grade of C ---OR--- Concurrently enrolled in CRIM-02

Advisory: Previously taken ENGL-85A or ENGL-85AC is advised  
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.

**Online**

41866 Noblett, D Online  
Comments: CONTACT: david.noblett@mccd.edu Section 41866 will be offered remotely and has a web component requiring internet access; additional fees may apply.

49801 Johnson, M Online  
Comments: Section 49801 is held 10/19/20-12/17/20. Section 49801 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: mark.johnson702@mccd.edu

**CRIM-05 Community & Human Relations**

3.0 units: 54.0 hours lec.

Prerequisite: Previously taken CRIM-02 and passed with a minimum grade of C ---OR--- Concurrently enrolled in CRIM-02

Advisory: Previously taken ENGL-85A or ENGL-85AC is advised.

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.

**Online**

41868 Jackson, R Online  
Comments: CONTACT: robert.jackson920@mccd.edu Section 41868 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**CRIM-06 Introduction to Evidence**

3.0 units: 54.0 hours lec.

Prerequisite: Previously taken CRIM-02 and passed with a minimum grade of C ---OR--- Concurrently enrolled in CRIM-02  
OR

Previously taken ENGL-85A or ENGL-85AC is advised

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.

**Online**

41869 Noblett, D Online  
Comments: CONTACT: david.noblett@mccd.edu Section 41869 will be offered remotely and has a web component requiring internet access; additional fees may apply.

72055 Hilliard, D Online  
Comments: CONTACT: devon.hilliard@mccd.edu Section 72055 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**CRIM-08 Introduction to Investigation**

3.0 units: 54.0 hours lec.

Prerequisite: Take CRIM-02; Minimum grade C,P;

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

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.

**Online**

41870 Joseph, S Online  
Comments: CONTACT: sammy.joseph@mccd.edu Section 41870 will be offered remotely and has a web component requiring internet access; additional fees may apply.

46808 Johnson, M Online  
Comments: Section 46808 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: mark.johnson702@mccd.edu

79019 Hilliard, D Online  
Comments: CONTACT: devon.hilliard@mccd.edu Section 79019 is held from 09/28/20 to 11/13/20. Section 79019 will be offered remotely and has a web component requiring internet access; additional fees may apply

**CRIM-10 Writing for Criminal Justice**

3.0 units: 54.0 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.

**Online**

41871 Jackson, R Online  
Comments: CONTACT: robert.jackson920@mccd.edu Section 41871 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**CRIM-11 Introduction to Corrections**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85A, ENGL-85AC or ENGL-85E is advised.

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.





**Online**

41872

Framstad, R Online

Comments: CONTACT: raymond.framstad@mccd.edu Section 41872 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**CRIM-24 Work Experience in Criminology**

1.0 units: 18.0 hours lec.

Advisory: Previously taken ENGL-85A or ENGL-85AC is advised.

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**

43804

- Wegner, M

Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <Ahref=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for CRIM 24, Work Experience in Criminology, 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 Criminal Justice and whose work is related to Criminology and requires completion of 60 volunteer or 75 paid hours.

43805

- Wegner, M

Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <Ahref=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for CRIM 24, Work Experience in Criminology, must have a paid or volunteer work position in place at the time of registration. This 2 units course is designed for students majoring in Criminal Justice and whose work is related to Criminology and requires completion of 120 volunteer or 150 paid hours.

43806

- Wegner, M

Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <Ahref=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for CRIM 24, Work Experience in Criminology, must have a paid or volunteer work position in place at the time of registration. This 3 units course is designed for students majoring in Criminal Justice and whose work is related to Criminology and requires completion of 180 volunteer or 225 paid hours.

43807

- Wegner, M

Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <Ahref=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for CRIM 24, Work Experience in Criminology, must have a paid or volunteer work position in place at the time of registration. This 4 units course is designed for students majoring in Criminal Justice and whose work is related to Criminology and requires completion of 240 volunteer or 300 paid hours.

**CRIM-30 Juvenile Procedures**

3.0 units: 54.0 hours lec.

Prerequisite: Previously taken CRIM-01 CRIM-02 or CRIM-11 and passed with a minimum grade of C or received an equivalent.

Advisory: Previously taken ENGL-85A or ENGL-85AC is advised

This course is an examination of the origin, development, and organization of the Juvenile Justice System as it evolved in the American Justice System. The course explores the theories that focus on Juvenile Law, courts and processes, and the constitutional protections extended to juve-

niles administered in the American Justice System.

**Online**

41873

Soto, B Online

Comments: CONTACT: brandon.soto@mccd.edu Section 41873 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**CRIM-37 Communication and Ethics In Law Enforcement**

3.0 units: 54.0 hours lec.

Advisory: Previously taken CRIM-02 and ENGL-85A, ENGL-85AC or ENGL-85E is advised.

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.

**Online**

41876

Jackson, R Online

Comments: CONTACT: robert.jackson920@mccd.edu Section 41876 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**CRIM-42C Reserve Officer Module Level 3**

7.0 units: 108.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-85A or ENGL-85AC is advised.

Limitation on Enrollment: Students must be cleared by the California Department of Justice (DOJ) to participate. DOJ clearance is evaluated through the LiveScan fingerprint process. This clearance will reveal a qualifying/disqualifying criminal history background. In addition, there must be an absence of medical conditions that would prevent strenuous physical training during arrest and control methods training, use of force, and crimes in progress. A physician's clearance indicating good physical health must be presented to the instructor at the first class meeting. Students must possess a California Driver's License. This course meets the requirements of the State of California Commission on Peace Officer Standards and Training (POST). It covers topics such as: ethics, professionalism, the criminal justice system, criminal law, property crimes, crime against persons, laws of arrest, laws of search and seizure, investigative report writing, vehicle operations, use of force, crimes in progress, traffic enforcement, preliminary investigation, custodial issues, arrest and control methods including baton, first aid, CPR, chemical agents, information systems, and cultural diversity. In accordance with POST regulations, students missing more than 5% of class time will not be certified in this course. This course may be repeated two times.

**Merced Campus**

49802	TTh	06:00p-09:50p	Noblett, D	PSC-1
	S	08:00a-04:50p	Noblett, D	PSC-1
	Su	08:00a-03:50p	Noblett, D	PSC-1
	S	08:00a-12:00p	Noblett, D	PSC-1

Comments: Section 49802 is held 08/18/20 to 10/29/20. IN-CLASS SESSIONS: In addition to the Tuesdays and Thursdays scheduled class meets, this class will also meet on Saturdays and Sundays, August 29, 2020 thru October 25, 2020, dates to be announced, 08:00a-04:50p to include a 60 minute lunch. Section 49802 requires a \$105 fee for materials; other fees may apply. Anticipated date for Registration will begin July 1, 2020. Please contact P.O.S.T. Coordinator, David Noblett at david.noblett@mccd.edu.

**Diagnostic Medical Sonography (SONO) SONO-40 Ultrasound Physics I**

1.5 units: 18.0 hours lec, 27.0 hours lab.

Limitation on Enrollment: Enrollment in the Diagnostic Medical Sonography program. This course covers the basic principles and terminology of diagnostic ultrasound physics and instrumentation to include: a review of mathematical skills, transducers, sound beam dynamics, and image displays. Hands-on instruction will introduce the student to elementary scanning skills as it pertains to the physical nature of ultrasound, and





workspace sonographic ergonomics.

### Merced Campus

41040 - Zelinsky, C  
T 10:00a-11:15a Zelinsky, C AHC-157

## SONO-41 Introduction to Sonography

1.5 units: 18.0 hours lec, 27.0 hours lab.

Limitation on Enrollment: Enrollment in the Diagnostic Medical Sonography Program. This course is an overview of diagnostic medical sonography and its role in health care delivery. Students will be oriented to the academic and administrative structure of the program, clinical affiliates, and to the profession as a whole. An introduction to sonographic patient care, the principles of ultrasound instrumentation, and routine sonographic procedures will be emphasized. The laboratory portion of this course will include a hands-on orientation to the equipment, instrumentation, and scanning techniques.

### Merced Campus

41041 - Zelinsky, C  
Th 10:00a-11:15a Zelinsky, C AHC-157

## Drafting Technology (DRFT)

### DRFT-04A Fundamentals of Computer-Aided Drafting

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken INDT-381 and MATH-80 or MATH-85 and ENGL-84A is advised.

This course uses AutoCAD. The student will progress through the fundamental and some intermediate commands. Topics included are: drawing set-up, drawing, editing, text, and dimensioning. Also, the student will construct multi-view drawings as used in industry. Most drawings will be printed from paper space.

### Online

36005 Post, T Online  
Comments: Web Component which requires you to have internet access.

39022 Deziga, A Online  
Comments: Section 39022 is held from 11/02/20 to 12/10/20. This is a Learning Community with DRFT-04A-39022, DRFT-04B-39024, DRFT-04C-39026, DRFT-06-39028, DRFT-44-39030, and INDT-381-39050. Web Component which will require you to have internet access.

39023 Deziga, A Online  
Comments: Section 39023 is held from 11/02/20 to 12/10/20. Web Component which will require you to have internet access.

### DRFT-04B Introduction to 3D

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken INDT-381 is advised.

This course is an introduction to direct 3D modeling. Students will gain an understanding of how 3D modeling works, and how it can be used with other applications.

### Online

39024 Thornburgh, J Online  
Comments: Section 39024 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: james.thornburgh@mccd.edu. Section 39024 is held from 08/17/20 to 09/24/20. This is a Learning Community with DRFT-04A-39022, DRFT-04B-39024, DRFT-04C-39026, DRFT-06-39028, DRFT-44-39030, and INDT-381-39050.

39025 Thornburgh, J Online  
Comments: Section 39025 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: james.thornburgh@mccd.edu. Section 39025 is held from 08/17/20 to 09/24/20.

### DRFT-04C Introduction to Parametric Modeling

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: Previously taken INDT-381 is advised.

This course uses Inventor. Students will use basic, and intermediate commands to create and modify solid models. The models will be used to create Small Assemblies (less than 10 parts), 2D drawings, and Renderings.

### Online

39026 Thornburgh, J Online  
Comments: Section 39026 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: james.thornburgh@mccd.edu. Section 39026 is held from 09/28/20 to 11/05/20. This is a Learning Community with DRFT-04A-39022, DRFT-04B-39024, DRFT-04C-39026, DRFT-06-39028, DRFT-44-39030, and INDT-381-39050.

39027 Thornburgh, J Online  
Comments: Section 39027 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: james.thornburgh@mccd.edu. Section 39027 is held from 09/28/20 to 11/05/20.

### DRFT-06 Production Methods

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: Take DRFT-05 or DRFT-44 or DRFT-59; Minimum Grade, C,P;

This course covers different production methods and materials. Students will learn how the production method influences the design of a product. Materials covered are metals, plastics, matrix, and composites. Some of the methods covered are milling/turning, layoffs, casting, forging, punching, molding, and additive manufacturing. The use of welding and adhesives will also be covered. Students will create drawings of parts and production equipment.

### Online

39028 Thornburgh, J Online  
Comments: Section 39028 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: james.thornburgh@mccd.edu. Section 39028 is held from 11/09/20 to 12/17/20. This is a Learning Community with DRFT-04A-39022, DRFT-04B-39024, DRFT-04C-39026, DRFT-06-39028, DRFT-44-39030, and INDT-381-39050.

39029 Thornburgh, J Online  
Comments: Section 39029 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: james.thornburgh@mccd.edu. Section 39029 is held from 11/09/20 to 12/17/20.

### DRFT-44 Print Reading & Sketching

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-84A and MATH-80 or MATH-85 is advised.

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.



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

Online

39030 Thornburgh, J Online  
Comments: Section 39030 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: james.thornburgh@mccd.edu. Section 39030 is held from 08/17/20 to 09/24/20. This is a Learning Community with DRFT-04A-39022, DRFT-04B-39024, DRFT-04C-39026, DRFT-06-39028, DRFT-44-39030, and INDT-381-39050.

39031 Thornburgh, J Online  
Comments: Section 39031 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: james.thornburgh@mccd.edu. Section 39031 is held from 08/17/20 to 09/24/20.

39084 Russell, C Online  
Comments: Section 39084 is held 10/19/20 to 11/25/20. Web Component which will require you to have internet access.

**DRFT-59 Basic Drafting**

3.0 units: 36.0 hours lec, 54.0 hours lab.  
Advisory: Previously taken ENGL-84A and MATH-80 or MATH-85 is advised.

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.

Online

36006 Deziga, A Online  
Comments: Web Component which requires you to have internet access.

**Drama (DRAM)**

**DRAM-01 Introduction to Theater**

3.0 units: 54.0 hours lec.  
Advisory: Previously taken ENGL-85AC is advised.

This course is an introduction to the art of theatre that delves into the nature of theatrical presentation, elements of dramatic structure, and the contributions of the playwright, actors, director, designers, technicians, and the audience.

Online

51117 McCue-Bryx, L Online  
Comments: Section 51117 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: lauren.mccue-bryx@mccd.edu. DRAM-01 requires theater attendance at the student's expense.

51134 McCue-Bryx, L Online  
Comments: Section 51134 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: lauren.mccue-bryx@mccd.edu. 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  
Advisory: Previously taken ENGL-85A, ENGL-85AC or ENGL-85E is advised.

Limitation on Enrollment: Enrollment by audition or interview, instructor signature required. 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.

Online

59004 McCue-Bryx, L Online  
Comments: Section 59004 is held from 8/25/20 to 10/22/20. Students must audition before enrolling in this course. AUDITIONS will be held 8/20/20 and 8/21/20 from 05:00pm-9:50pm; THTR-STG. Students registering for DRAM-02-59004 must also register for DRAM-02L-59005. For more information contact Professor Lauren McCue-Bryx: lauren.mccue-bryx@mccd.edu.

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

1.0 units: 54.0 hours lab.  
Advisory: Previously taken ENGL-85A, ENGL-85AC, or ENGL-85E is advised.

Limitation on Enrollment: Enrollment by audition or interview, instructor signature required. 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.

Online

59005 McCue-Bryx, L Online  
Comments: Section 59005 is held from 10/26/20-11/22/20. MANDATORY ORIENTATION: on 10/26 from 05:00-9:50PM; location TBA. Contact lauren.mccue-bryx@mccd.edu for more information.

**DRAM-12 Acting I**

3.0 units: 36.0 hours lec, 54.0 hours lab.  
Advisory: Previously taken ENGL-01A is advised.

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.

Online

51160 McCue-Bryx, L Online

**Economics (ECON)**

**ECON-01 Introduction to Microeconomics**

3.0 units: 54.0 hours lec.  
Prerequisite: Previously taken ENGL-85A or ENGL-85AC ---AND--- MATH-81 MATH-88 MATH-62 MATH-61 or MATH-C are advised

Advisory: Previously taken ENGL-01A is advised.

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

51034 Serpa, C Online  
Comments: Section 51034 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: caitlin.serpa@mccd.edu.

51035 Serpa, C Online  
Comments: Section 51035 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: caitlin.serpa@mccd.edu.

51036 Serpa, C Online  
Comments: Section 51036 will be offered remotely and has a web component requiring internet access; additional fees may



apply. For further information regarding this course, please contact the instructor at: caitlin.serpa@mccd.edu.

- 52001 Carter, J Online  
Comments: CONTACT: john.carter1767@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.
- 56013 Serpa, C Online  
Comments: Section 56013 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: caitlin.serpa@mccd.edu.
- 74313 McNally, T Online  
Comments: CONTACT: timothy.mcnally@mccd.edu Section 74313 will be offered remotely and has a web component requiring internet access; additional fees may apply.

## ECON-02 Introduction to Macroeconomics

3.0 units: 54.0 hours lec.

Prerequisite: Previously taken one in each group: Group 1: ECON-01 or AGBS-11; Group 2: ENGL-85A or ENGL-85AC. Group 3: MATH-81 MATH-88 MATH-62 MATH-61 or MATH-C; and passed with a minimum grade of C or received an equivalent in one or all three groups

Advisory: Previously taken ENGL-01A is advised.

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

- 51037 Serpa, C Online  
Comments: Section 51037 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: caitlin.serpa@mccd.edu.
- 51038 Serpa, C Online  
Comments: Section 51038 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: caitlin.serpa@mccd.edu.
- 52003 Carter, J Online  
Comments: CONTACT: john.carter1767@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

## Education - Non-Credit (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

95016 MTWTh - Vitato, J

### 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 that require individual attention and reinforcement while reviewing basic phonics, improve reading, spelling, and vocabulary skills.

### Merced Off-Campus

95017 - Vitato, J

## EDU-112A Skills Acquisition for Student Success - General

0.0 units: .

This optional, open entry/open exit supplemental learning assistance course can be taken by enrolled credit students as part of their credit courses. Proficiency can be attained with 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.

### Online

95003 Vitelli, S Online  
Flatt, S Online

## 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.

### Online

95013 Mattos, K Online  
95014 Mattos, K Online

### Merced Campus

95009 - Richards, J  
95010 - Lang, K  
Comments: karen.lang@mccd.edu

## 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

95637 F 08:30a-12:30p Rentfrow, R LB-A-105  
F 01:30p-04:30p Rentfrow, R LB-A-105

### Merced Off-Campus

95632 Th 08:30a-12:30p Rentfrow, R BRC-120  
Th 01:30p-04:30p Rentfrow, R BRC-120  
95633 T 08:30a-12:30p Rentfrow, R BRC-120  
T 01:30p-04:30p Rentfrow, R BRC-120  
95634 M 08:30a-12:30p Rentfrow, R BRC-120  
M 01:30p-04:30p Rentfrow, R BRC-120  
95636 F 08:30a-12:30p Rentfrow, R BRC-120  
F 01:30p-04:30p Rentfrow, R BRC-120  
95638 F 08:30a-12:30p Rentfrow, R BRC-120  
F 01:30p-04:30p Rentfrow, R BRC-120



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

3.0 units: 54.0 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.

**Online**

391010 Hamilton, A Online

Comments: Web Component which requires you to have internet access.

**ELCT-41 Industrial Motor & Equipment Control**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ELCT-31 and ENGL-85E is advised.

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**

39038 MTWTh 08:00a-09:15a Hamilton, A IT-3

MTWTh 09:25a-11:25a Hamilton, A IT-3

Comments: Section 39038 is held from 09/21/20 to 10/29/20.

This is a Learning Community with ELCT-41-39038, ELCT-42A-39059, ELCT-47-39042, ELCT-52-39060, ELCT-55-39046, INDT-25-39048, and INDT-49-39064. Web Component which will require to have internet access.

39039 MTWTh 08:00a-09:15a Hamilton, A IT-3

MTWTh 09:25a-11:25a Hamilton, A IT-3

Comments: Section 39039 is held from 09/21/20 to 10/29/20.

Web Component which will require you to have internet access.

**ELCT-42A Principles and Applications of Programmable Logic Controllers**

2.0 units: 18.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ELCT-34 ELCT-52 and ELCT-41 is advised.

This course provides instruction in industrial type of computers called "Programmable Logic Controllers" (PLCs). The main topics introduce students to the PLC's basic hardware configuration and programming techniques. During the course students will learn how to configure and use programming instruction to create various applications. The students will program and operate on industrial PLCs as a part of laboratory assignments.

**Merced Campus**

39058 MTWTh 12:30p-01:20p Nagano, J IT-3

MTWTh 01:30p-04:20p Nagano, J IT-3

Comments: Section 39058 is held 11/09/20 to 12/10/20. Web Component which will require you to have internet access.

39059 MTWTh 12:30p-01:20p Nagano, J IT-3

MTWTh 01:30p-04:20p Nagano, J IT-3

Comments: Section 39059 is held from 11/09/20 to 12/10/20.

This is a Learning Community with ELCT-41-39038, ELCT-42A-39059, ELCT-47-39042, ELCT-52-39060, ELCT-55-39046, INDT-25-39048, and INDT-49-39064. Web Component which will require to have internet access.

**ELCT-45A Introduction to Networking**

3.0 units: 36.0 hours lec, 54.0 hours lab

Previously taken ELCT-51A and ENGL-85A ENGL-85AC or ENGL-85E and MATH-80 or MATH-85 is advised.

This curriculum helps students develop the skills needed to obtain entry-level networking jobs. It provides a hands-on approach to networking education that allows students to gain practical experience working on PC's, their components, and applications. Students complete instructional labs to understand the general theory needed to build networks and connect them to the internet. Basic security and wireless concepts are covered. This course is for students with basic PC usage skills.

**Online**

39034 Coate, D Online

Comments: Section 39034 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: david.coate@mccd.edu. Section 39034 is held 08/17/20 to 09/24/20. This is a Learning Community with ELCT-45C-39096, ELCT-45A-39034, ELCT-45B-39036, ELCT-51B-39088, and ELCT-51A-39044.

39035 Coate, D Online

Comments: Section 39035 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: david.coate@mccd.edu. Section 39035 is held from 08/17/20 to 09/24/20.

**ELCT-45B CCNA Routing and Switching**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: Previously taken ELCT-45A, ELCT-40A, CPSC-40A or CPSC-45A and passed with a minimum grade of C or received an equivalent.

This course prepares students for jobs as network technicians. Students develop soft skills required for computer and help desk technicians. Basic configurations of routing, remote access, addressing, and security are applied to routers and switches. Network monitoring and basic troubleshooting skills are examined.

**Online**

39036 Coate, D Online

Comments: Section 39036 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: david.coate@mccd.edu. Section 39036 is held 09/28/20 to 11/05/20. This is a Learning Community with ELCT-45C-39096, ELCT-45A-39034, ELCT-45B-39036, ELCT-51B-39098, and ELCT-51A-39044.

39037 Coate, D Online

Comments: Section 39037 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: david.coate@mccd.edu. Section 39037 is held from 09/28/20 to 11/05/20.

**ELCT-45C Scaling Networks**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: Take CPSC-45B or ELCT-45B; Minimum grade C,P;

Scaling Networks (ScalN) covers the architecture, components, and operations of routers and switches in larger and more complex networks. Students learn how to configure routers and switches for advanced functionality.

**Online**

39096 Coate, D Online

Comments: Section 39096 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: david.coate@mccd.edu. Section 39034 is held 08/17/20 to 09/24/20. This is a Learning Community with ELCT-45C-39096, ELCT-45A-39034, ELCT-45B-39036, ELCT-51B-39088, and ELCT-51A-39044. ELCT-45C-39096 is held





11/09/20 to 12/17/20.

39097 Coate, D Online

**ELCT-47 Electrical Motors, Generators, Transformers & AC Distribution**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ELCT-31 ELCT-41 and ELCT-52 is advised. Also previously taken ENGL-85E is advised.

This course covers principles of AC and DC motors, generators, transformers, three-phase generation, and AC distribution systems. The course content will include lecture, demonstration, and laboratory projects using motors and transformers.

**Merced Campus**

- 39042 MTWTh 12:30p-01:45p Nagano, J IT-3  
 MTWTh 01:55p-03:55p Nagano, J IT-3  
 Comments: Section 39042 is held from 09/28/20 to 11/05/20. This is a Learning Community with ELCT-41-39038, ELCT-42A-39059, ELCT-47-39042, ELCT-52-39060, ELCT-55-39046, INDT-25-39048, and INDT-49-39064. Web Component which will require to have internet access.
- 39043 MTWTh 12:30p-01:45p Nagano, J IT-3  
 MTWTh 01:55p-03:55p Nagano, J IT-3  
 Comments: Section 39043 is held from 09/28/20 to 11/05/20. Web Component which will require you to have internet access.

**ELCT-51A Personal Computer Configuration, Assembly & Repair**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised. Also previously taken MATH-80 or MATH-85 is advised.

This is a course addressed to students without any previous knowledge of personal computers (PC). The course introduces students to the fundamentals of desktop computer installation through simple, step by step instruction based on the most recent CompTIA A+ exam objectives. The course will cover the basic principles of PC operation, maintenance and troubleshooting techniques through lecture and various hands-on activities.

**Online**

- 39044 Coate, D Online  
 Comments: Section 39044 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: david.coate@mccd.edu. Section 39044 is held 08/17/20 to 09/24/20. This is a Learning Community with ELCT-45C-39096, ELCT-45A-39034, ELCT-45B-39036, ELCT-51B-39098, and ELCT-51A-39044.
- 39045 Coate, D Online  
 Comments: Section 39045 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: david.coate@mccd.edu. Section 39045 is held 10/12/20 to 11/19/20.

**ELCT-51B A+ Certification Training**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ELCT-51A is advised. Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised. Previously taken MATH-80 or MATH-85 is advised.

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.

**Online**

- 39098 Coate, D Online  
 Comments: Section 39098 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: david.coate@mccd.edu. Section 39034 is held 09/28/20 to 11/05/20. This is a Learning Community with ELCT-45C-39096, ELCT-45A-39034, ELCT-45B-39036, ELCT-51B-39098, and ELCT-51A-39044.
- 39099 Coate, D Online  
 Comments: Section ELCT-51B-39099 is held 11/9/20 to 12/17/20. Web Component which will require you to have internet access.

**ELCT-52 Introduction to Electricity and Electronics**

3.0 units: 45.0 hours lec, 27.0 hours lab.

Advisory: Previously taken ENGL-84A and ELCT-30 is advised.

This is an introductory course to basic electronics/electricity theory and applications including resistance, inductance, capacitance in the series, parallel, and series-parallel circuits with DC and AC power sources. Circuit analysis is accomplished through basic circuit formulas according to Ohm's and Kirchhoff's laws. Fundamentals of Magnetism, DC and AC Motors, Diodes, Transistors and Integrated Circuits and the utilization of basic test equipment in electrical circuit construction and troubleshooting are also covered.

**Merced Campus**

- 39060 MTWTh 08:00a-09:45a Hamilton, A IT-3  
 MTWTh 09:55a-10:55a Hamilton, A IT-3  
 Comments: Section 39060 is held from 08/17/20 to 09/17/20. This is a Learning Community with ELCT-41-39038, ELCT-42A-39059, ELCT-47-39042, ELCT-52-39060, ELCT-55-39046, INDT-25-39048, and INDT-49-39064. Web Component which will require to have internet access.
- 39061 MTWTh 08:00a-09:45a Hamilton, A IT-3  
 MTWTh 09:55a-10:55a Hamilton, A IT-3  
 Comments: Section 39061 is held 08/17/20 to 09/17/20. Web Component which will require you to have internet access.

**ELCT-55 Conduit Bending Theory**

1.0 units: 9.0 hours lec, 27.0 hours lab.

Prerequisite: Previously taken INDT-35 and INDT-49 is advised.

This course provides a comprehensive overview of conduit bending, fabrication procedures and methods. It will develop basic competencies in electrical apprentices and beginning learners. It will discuss hand bending for 90 degree bends, offsets and kicks, saddles and corner offsets, segmented bends, threaders, benders and other conduit types. These conduit types will include electrical metallic tubing (EMT), galvanized rigid conduit (GRC), rigid aluminum, intermediate metallic conduit (IMC), various poly-vinyl chloride (PVC), and flexible plastic and metallic conduit. Wiring in accordance with the National Electrical Code (NEC) will be stressed. Students may petition, through the Office of Admissions and Records, to retake the course as the National Electrical Codes change.

**Merced Campus**

- 39046 - Hamilton, A  
 F 09:25a-01:40p Hamilton, A IT-3  
 Comments: Section 39046 is held from 08/17/20 to 09/25/20. This is a Learning Community with ELCT-41-39038, ELCT-42A-39059, ELCT-47-39042, ELCT-52-39060, ELCT-55-39046, INDT-25-39048, and INDT-49-39064. Web Component which will require to have internet access.
- 39047 - Hamilton, A  
 F 09:25a-01:40p Hamilton, A IT-3  
 Comments: Section 39047 is held 08/17/20 to 09/25/20. Web Component which will require you to have internet access.



**Emergency Medical Care (EMER)****EMER-50A Emergency Medical Technician 1, Module A**

2.5 units: 40.5 hours lec, 13.5 hours lab.

Advisory: Take ALLH-67 and ENGL-85A ENGL-85AC or ENGL-85E is advised.

Limitation on Enrollment: Negative chest xray for TB within 1 year; A CPR course based on American Red Cross Professional Rescuer or American Heart Association Healthcare provider. Description: 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**

49803 - Donnelly, B

Comments: Section 49803 is held 11/03/20 to 12/10/20. Section 41820 is a Hybrid course. The lecture will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: donnelly.b@mccd.edu The lab will be offered Face-to-Face; days/times are TBA. MANDATORY REQUIREMENT: An authorization voucher is required to register for this course. A voucher will be issued by the Public Safety Coordinator, when proof of course requirements are submitted via email to Maria Soto at soto.m@mccd.edu. Limited enrollment. If you have any questions please email Maria Soto at soto.m@mccd.edu

49804 - Donnelly, B

Comments: Section 49804 is held 8/17/20 to 9/30/20 Section 49804 is a Hybrid course. The lecture will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: donnelly.b@mccd.edu The lab will be offered Face-to-Face; days/times are TBA. MANDATORY REQUIREMENT: An authorization voucher is required to register for this course. A voucher will be issued by the Public Safety Coordinator, when proof of course requirements are submitted via email to Maria Soto at soto.m@mccd.edu. Limited enrollment. If you have any questions please email Maria Soto at soto.m@mccd.edu

**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.

Advisory: Previously taken ALLH-67 and ENGL-85A ENGL-85AC or ENGL-85E is advised.

Limitation on Enrollment: Neg. TB test before start of Module B for clinical rotations. Current CPR based on American Heart Association BLS Healthcare Provider. Must include Adult, Infant, Child CPR and AED. Description: 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**

49805 - McCall, T

Comments: Section 49805 is held 10/05/20 to 12/16/20 Section 49805 is a Hybrid course. The lecture will be offered remotely and has a web component requiring internet access; additional

fees may apply. For further information regarding this course, please contact the instructor at: donnelly.b@mccd.edu The lab will be offered Face-to-Face; days/times are TBA. 18 hours by arrangement to be held on 2-Saturdays and will include a 60 minute lunch break. MANDATORY REQUIREMENT: An authorization voucher is required to register for this course. A voucher will be issued by the Public Safety Coordinator, when proof of course requirements are submitted via email to Maria Soto at soto.m@mccd.edu. Limited enrollment. If you have any questions please email Maria Soto at soto.m@mccd.edu

**EMER-52 Emergency Medical Technician 1 Refresher**

1.5 units: 24.0 hours lec.

Limitation on Enrollment: Current EMT Certification and Current CPR course based on American Red Cross Professional Rescuer or American Heart Association Healthcare Provider or Successful completion of an approved EMT 1 course and current CPR course based on American Red Cross Professional Rescuer or American Heart Association Healthcare Provider. Description: The course is for currently certified Emergency Medical Technician 1's and for those that have successfully completed an approved EMT 1 course. The course is designed to provide the medical continuing education refresher component modules required for maintaining certification and for those that require remediation for taking the National Registry examination. Students may petition, through the Office of Admissions and Records, to retake the course for the purpose of re-certification as necessary.

**Online**

49806 - McCall, T Online

Comments: Section 49806 is held 08/18/20 to 09/10/20. Section 49806 Will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: tom.mccall@mccd.edu If you are interested in obtaining more information regarding enrolling into the EMER-52 class, please email Maria Soto at soto.m@mccd.edu MANDATORY REQUIREMENT: An authorization voucher is required to register for this course. A voucher will be issued by the Public Safety Coordinator, when proof of course requirements are submitted via email to Maria Soto at soto.m@mccd.edu. Limited enrollment.

**Engineering (ENGR)****ENGR-14 C++ Programming**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: Take MATH-C or MATH-61; Minimum Grade C,P; Advisory: Previously taken CPSC-01 and ENGL-01A is advised.

This is the entry-level comprehensive concepts course for computer science majors, and is recommended for science and math majors. Algorithm design, logic diagrams, problem-solving, coding, and debugging are emphasized using a structured language such as C++.

**Online**

11531 - Kanemoto, K Online

Comments: Section 11531 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: kanemoto.k@mccd.edu

**ENGR-15 Elementary Mechanics(Statics)**

3.0 units: 54.0 hours lec.

One-way Corequisite: Take MATH-04C

Prerequisite: Take PHYS-04A - Minimum grade C,P;

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

This course is the study of rigid bodies when acted upon by forces and couples in 2-D and 3-D space. Included are trusses, frames, machines, beams, friction, centroids, centers of mass, and moments of inertia.



**Online**

11068 Gargova, S Online  
 Comments: Section 11068 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: gargova.s@mccd.edu.

**ENGR-30 Introduction to Engineering**

2.0 units: 18.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E and MATH-C or MATH-61 is advised.

The course explores the branches of engineering, the functions of an engineer, and the industries in which engineers work. Explains the engineering education pathways and explores effective strategies for students to reach their full academic potential. Presents an introduction to the methods and tools of engineering problem solving and design including the interface of the engineer with society and engineering ethics. Develops communication skills pertinent to the engineering profession.

**Online**

11069 Gargova, S Online  
 Comments: Section 11069 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: gargova.s@mccd.edu.

**ENGR-45 Engineering Materials**

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: Take CHEM-04A, MATH-04A, and PHYS-04A; Minimum grade C,P;

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

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.

**Online**

11070 Gargova, S Online  
 Comments: Section 11070 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: gargova.s@mccd.edu.

**English (ENGL)****ENGL-01A College Composition & Reading**

4.0 units: 72.0 hours lec.

Prerequisite: Previously taken ENGL-85A or ENGL-85AC and passed with a minimum grade of C or received an equivalent --- OR --- Placed directly into ENGL-01A --- OR --- Concurrently enrolled in ENGL-95S

Advisory: Previously taken LRNR-30 is advised.

This course focuses on critical reading and thinking, research strategies, and scholarly composition with proper documentation at the college transfer level. Students write expository, analytical, and argumentative essays informed by assigned readings, discussion, and/or research.

**Online**

21030 Flatt, S Online  
 Comments: Section 21030 requires students to register for ENGL-95S-21031 and has a web component requiring internet access; additional fees may apply. CONTACT: flatt.s@mccd.edu

21032 Gonzalez, H Online  
 Comments: Section 21032 requires students to register for ENGL-95S-21033 and has a web component requiring internet access; additional fees may apply. CONTACT: heather.gonzalez@mccd.edu

21034 Gonzalez, H Online  
 Comments: Section 21034 requires students to register for ENGL-95S-21035 and has a web component requiring internet access; additional fees may apply. CONTACT: heather.gonzalez@mccd.edu

21036 Zamora, J Online  
 Comments: Section 21036 requires students to register for ENGL-95S-21037. Section 21036 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at jocias.zamora@mccd.edu

21038 Gonzalez, H Online  
 Comments: Section 21038 requires students to register for ENGL-95S-21039 and has a web component requiring internet access; additional fees may apply. CONTACT: heather.gonzalez@mccd.edu

21040 Lankford, T Online  
 Comments: Section 2140 is reserved for ESL Students. Students must get the instructors signature. Taylor.lankford@mccde.edu Section 21040 requires students to register for ENGL-95S-21041 and has a web component requiring internet access; additional fees may apply.

21042 Temple, J Online  
 Comments: Section 21042 requires students to register for ENGL-95S-21043 and has a web component requiring internet access; additional fees may apply.

21044 Taber, J Online  
 Comments: Section 21044 requires students to register for ENGL-95S-21045 and has a web component requiring internet access; additional fees may apply.

21046 Taber, J Online  
 Comments: Section 21046 requires students to register for ENGL-95S-21046 and has a web component requiring internet access; additional fees may apply.

21048 Truesdale, D Online  
 Comments: Section 21048 requires students to register for ENGL-95S-21049 and has a web component requiring internet access; additional fees may apply. CONTACT: diana.ferrell@mccd.edu

21153 Piro, V Online  
 Comments: Section 21153 has a web component requiring internet access; additional fees may apply.

21154 Koepnick, S Online  
 Comments: Section 21154 has a web component requiring internet access; additional fees may apply.

21155 Epstein-Corbin, S Online  
 Comments: Section 21155 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at sean.epstein-corbin@mccd.edu

21157 Rocha, M Online  
 Comments: Section 21157 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at rocha.m@mccd.edu

21158 Taber, J Online  
 Comments: Section 21158 has a web component requiring internet access; additional fees may apply.

21159 Diaz, K Online  
 Comments: Section 21159 has a web component requiring internet access; additional fees may apply.

21160 Piro, V Online  
 Comments: Section 21160 has a web component requiring internet access; additional fees may apply.

21162 Brown, G Online  
 Comments: Section 21162 has a web component requiring internet access; additional fees may apply.





21163	Doell, E	Online	Comments: Section 21163 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at edward.doell@mccd.edu
21164	Barba, M	Online	Comments: Section 21164 is a Learning Community with GUID-30-81011. Section 21164 has a web component requiring internet access; additional fees may apply.
21167	Withers, M	Online	Comments: Section 21167 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at meg.withers@mccd.edu
21168	Kahlert, S	Online	
21169	Mumford, J	Online	Comments: Section 21169 has a web component requiring internet access; additional fees may apply.
21170	Flatt, S	Online	Comments: Section 21170 has a web component requiring internet access; additional fees may apply.
21171	Toconis, M	Online	Comments: Section 21171 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at toconis.m@mccd.edu
21173	Flatt, S	Online	Comments: Section 21173 has a web component requiring internet access; additional fees may apply.
21175	Baker, W	Online	Comments: Section 21175 has a web component requiring internet access; additional fees may apply.
21176	Ortiz, K	Online	Comments: Section 21176 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at keri.ortiz@mccd.edu
21177	Baker, W	Online	Comments: Section 21177 has a web component requiring internet access; additional fees may apply.
21178	Baker, W	Online	Comments: Section 21178 has a web component requiring internet access; additional fees may apply.
21179	Ortiz, K	Online	Comments: Section 21179 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at mario.montes@mccd.edu
21180	Ortiz, K	Online	Comments: Section 21180 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at keri.ortiz@mccd.edu
22025	Piro, V	Online	Comments: CONTACT: piro.v@mccd.edu
22026	Daughdrill, J	Online	Comments: CONTACT: daughdrill.j@mccd.edu
22050	Kahlert, S	Online	Comments: CONTACT: Shirley.kahlert@mccd.edu
22051	Kahlert, S	Online	Comments: CONTACT: shirley.kahlert@mccd.edu
22052	Mumford, J	Online	Comments: CONTACT: mumford.j@mccd.edu
22063	Mumford, J	Online	Comments: CONTACT: mumford.j@mccd.edu
22066	Koepnick, S	Online	Comments: CONTACT: stephanie.koepnick@mccd.edu
22067	Daughdrill, J	Online	Comments: CONTACT: daughdrill.j@mccd.edu

22069	Goldeen, P	Online	Comments: Section 22069 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at patricia.goldeen@mccd.edu
22070	Koepnick, S	Online	Comments: Section 22070 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at stephanie.koepnick@mccd.edu
22073	Brown, G	Online	Comments: CONTACT: gregory.brown2328@mccd.edu
22078	Lankford, T	Online	Comments: Section 22078 requires students to register for ENGL-95S-22079 and has a web component requiring internet access; additional fees may apply. CONTACT: taylor.lankford@mccd.edu
22082	Tjerrild, K	Online	Comments: Section 22082 requires students to register for ENGL-95S-22083 and has a web component requiring internet access; additional fees may apply. CONTACT: katlyn.tjerrild@mccd.edu
26110	Truesdale, D	Online	Comments: Section 26110 requires students to register for ENGL-95S-26111 and has a web component requiring internet access; additional fees may apply. CONTACT: diana.ferrell@mccd.edu
26112	Truesdale, D	Online	Comments: Section 26112 requires students to register for ENGL-95S-26113 and has a web component requiring internet access; additional fees may apply. CONTACT: diana.ferrell@mccd.edu
26116	Smith, V	Online	Comments: Section 26116 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at smith.v@mccd.edu
28100	Bachman, E	Online	Comments: Section 28100 requires students to register for ENGL-95S-28101 and has a web component requiring internet access; additional fees may apply. CONTACT: erik.bachman@mccd.edu
28102	Fries, M	Online	Comments: Section 28102 requires students to register for ENGL-95S-28103 and has a web component requiring internet access; additional fees may apply. CONTACT: melissa.fries@mccd.edu
28104	Rocha, M	Online	Comments: Section 28104 is held from 08/17/20 to 09/25/20. CONTACT: rocha.m@mccd.edu
28105	Hundley, A	Online	Comments: Section 28105 is held from 08/17/20 to 09/25/20. CONTACT: hundley.a@mccd.edu
28106	Hundley, A	Online	Comments: Section 28106 is held from 09/28/20 to 11/06/20. CONTACT: hundley.a@mccd.edu
28108	Hundley, A	Online	Comments: Section 28108 is held from 11/09/20 to 12/18/20. CONTACT: hundley.a@mccd.edu
28123	Toconis, M	Online	Comments: Section 28123 is held from 08/31/20 to 12/18/20. CONTACT: toconis.m@mccd.edu
29118	Withers, M	Online	Comments: Section 29118 is held from 10/16/20 to 12/18/20. CONTACT: meg.withers@mccd.edu
72057	Kludt, K	Online	Comments: CONTACT: kevin.kludt@mccd.edu Section 72057 will be offered remotely and has a web component requiring internet access; additional fees may apply.





72059	Long, J	Online	Comments: CONTACT: long.j@mccd.edu
72819	Nelson, K	Online	Comments: CONTACT: kevin.nelson@mccd.edu Section 72819 is held from 08/17/20 to 09/25/20.
72821	Johnston, J	Online	Comments: CONTACT: johnston.j@mccd.edu Section 72821 is held from 08/17/20 to 10/15/20. Section 72821 requires students to register for ENGL-95S-72829.
72823	Johnston, J	Online	Comments: CONTACT: johnston.j@mccd.edu Section 72823 is held from 10/19/20 to 12/18/20. Section 72823 requires students to register for ENGL-95S-72841.
74351	Chavez, C	Online	Comments: CONTACT: chavez.c@mccd.edu Section 74351 is a Learning Community with GUID-30-74477. Section 74351 will be offered remotely and has a web component requiring internet access; additional fees may apply.
74353	Nelson, K	Online	Comments: CONTACT: kevin.nelson@mccd.edu Section 74353 will be offered remotely and has a web component requiring internet access; additional fees may apply.
74355	Long, J	Online	Comments: CONTACT: long.j@mccd.edu Section 74355 requires students to register for ENGL-95S-74385. Section 74355 will be offered remotely and has a web component requiring internet access; additional fees may apply.
74357	Chavez, C	Online	Comments: CONTACT: chavez.c@mccd.edu Section 74357 requires students to register for ENGL-95S-74383. Section 74357 will be offered remotely and has a web component requiring internet access; additional fees may apply.
74367	Nelson, K	Online	Comments: CONTACT: kevin.nelson@mccd.edu Section 74367 will be offered remotely and has a web component requiring internet access; additional fees may apply.
74371	Mingua-Lopstain, D	Online	Comments: CONTACT: danielle.mingua-lops@mccd.edu Section 74371 will be offered remotely and has a web component requiring internet access; additional fees may apply.
78349	Flanagan, J	Online	Comments: CONTACT: james.flanagan@mccd.edu Section 78349 requires students to register for ENGL-95S-78383. Section 78349 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**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.

**Online**

21190	Baker, W	Online	Comments: Section 21190 has a web component requiring internet access; additional fees may apply.
21191	Ortiz, K	Online	Comments: Section 21191 has a web component requiring internet access; additional fees may apply. CONTACT: kerl.ortiz@mccd.edu
22080	Mumford, J	Online	Comments: CONTACT: mumford.j@mccd.edu
28107	Hundley, A	Online	Comments: Section 28107 is held from 09/28/20 to 11/06/20. CONTACT: hundley.a@mccd.edu

28222	Bachman, E	Online	Comments: Section 28222 is held from 10/19/20 to 12/18/20. CONTACT: erik.bachman@mccd.edu
72061	Chavez, C	Online	Comments: CONTACT: chavez.c@mccd.edu Section 72061 will be offered remotely and has a web component requiring internet access; additional fees may apply.
72065	Long, J	Online	Comments: CONTACT: long.j@mccd.edu Section 72065 will be offered remotely and has a web component requiring internet access; additional fees may apply.
72825	Nelson, K	Online	Comments: CONTACT: kevin.nelson@mccd.edu Section 72825 is held from 09/28/20 to 11/13/20.

**ENGL-02 Oral Interpretation**

3.0 units: 54.0 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 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.

**Online**

21211	Bonstein, J	Online	Comments: Section 21211 has a web component requiring internet access; additional fees may apply.
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**ENGL-06A Major English Writers to the Late 18th Century**

3.0 units: 54.0 hours lec.

Prerequisite: Take ENGL-01A. Minimum grade C,P.

Advisory: Previously taken ENGL-01B is advised.

This course introduces students to the history and variety of English literature from its beginnings to the late eighteenth century. Representative works of major authors are read as examples of the various genres, literary trends, and historical eras in which they were written.

**Online**

21242	Epstein-Corbin, S	Online	Comments: Section 21242 has a web component requiring internet access; additional fees may apply. CONTACT: sean.epstein-corbin@mccd.edu
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**ENGL-13 Critical Reasoning & Writing**

3.0 units: 54.0 hours lec.

Prerequisite: Take ENGL-01A. Minimum grade C,P.

This course offers instruction in argumentative and critical writing, critical thinking, research strategies, information literacy, and proper documentation. Readings feature mostly non-fictional essays and books that reflect diverse cultural and gender perspectives on a variety of contemporary political and social issues, especially those involving race, ethnicity, and gender. ENGL-13/PHIL-13 meets the IGETC critical thinking/composition requirement.

**Online**

21212	Rocha, M	Online	Comments: Section 21212 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at rocha.m@mccd.edu
21214	Goldeen, P	Online	Comments: Section 21214 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at patricia.goldeen@mccd.edu



21216	Rempel, D	Online	Comments: Section 21216 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at denise.rempel@mccd.edu
21218	Goldeen, P	Online	Comments: Section 21218 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at patricia.goldeen@mccd.edu
21220	Goldeen, P	Online	Comments: Section 21220 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at patricia.goldeen@mccd.edu
21222	Rempel, D	Online	Comments: Section 21222 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at denise.rempel@mccd.edu
21224	Brown, G	Online	Comments: Contact: Gregory.brown2328@mccd.edu
21226	Zamora, J	Online	Comments: CONTACT: Jocias.zamora@mccd.edu
21231	Barnes, L	Online	Comments: Section 21231 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at barnes.l@mccd.edu
22054	Koepnick, S	Online	Comments: CONTACT: stephanie.koepnick@mccd.edu
22056	Rempel, D	Online	Comments: CONTACT: denise.rempel@mccd.edu
28109	Withers, M	Online	Comments: Section 28109 is held from 10/19/20 to 12/18/20. CONTACT: meg.withers@mccd.edu
28111	Withers, M	Online	Comments: Section 28111 is held from 10/19/20 to 12/18/20. CONTACT: meg.withers@mccd.edu
28115	Rempel, D	Online	Comments: Section 28115 is held from 09/28/20 to 11/06/20. CONTACT: denise.rempel@mccd.edu
28117	Rempel, D	Online	Comments: Section 28117 is held from 11/09/20 to 12/18/20. CONTACT: denise.rempel@mccd.edu
72063	Chavez, C	Online	Comments: CONTACT: chavez.c@mccd.edu Section 72063 will be offered remotely and has a web component requiring internet access; additional fees may apply.
72827	Nelson, K	Online	Comments: CONTACT: kevin.nelson@mccd.edu Section 72827 is held from 11/16/20 to 12/18/20.
74409	Johnston, J	Online	Comments: CONTACT: johnston.j@mccd.edu Section 74409 will be offered remotely and has a web component requiring internet access; additional fees may apply.
74413	Kludt, K	Online	Comments: CONTACT: kevin.kludt@mccd.edu Section 74413 will be offered remotely and has a web component requiring internet access; additional fees may apply.
74415	Flanagan, J	Online	Comments: CONTACT: james.flanagan@mccd.edu Section 74415 will be offered remotely and has a web component requiring internet access; additional fees may apply.

## ENGL-15 History of Dramatic Literature

3.0 units: 54.0 hours lec.

Prerequisite: Take ENGL-01A Minimum grade C,P.

Advisory: Previously taken ENGL-01B is advised.

This course traces origins and development of drama from classic to contemporary periods. It examines drama as a literary genre, including analysis of theme, style, character, and dramatic sub-genres.

### Online

21246	Temple, J	Online
Comments: Section 21246 has a web component requiring internet access; additional fees may apply.		

## ENGL-18 African and African American Literature

3.0 units: 54.0 hours lec.

Prerequisite: Take ENGL-01A Minimum grade C,P.

Advisory: Previously taken ENGL-01B is advised.

This is an introductory course in African literature written in English or translated from African languages or French into English. It will present a survey of major works from colonial and post-colonial literature to introduce students to African works of merit, cultural relevance, and universal application. In addition to enabling students to view African works within a global context, its goal will be to show the connection of themes, issues, and styles between African and African-American literature and experience as well. Works studied will include epics and narratives, poetry and song lyrics, short fiction, novels, essays, films, and drama in an effort to assist students in acquiring an appreciation of important literary voices that have heretofore been neglected in literature studies.

### Online

21243	Fries, M	Online
Comments: Section 21143 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at melissa.fries@mccd.edu		

## ENGL-85AC Accelerated Foundations in Academic Literacy

5.0 units: 90.0 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.

### Online

21240	Lloyd, N	Online
Comments: Section 21240 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at nathaniel.lloyd@mccd.edu		
21241	Smith, V	Online
Comments: Section 21241 has a web component requiring internet access; additional fees may apply. CONTACT: smith.v@mccd.edu		
26124	Brown, G	Online
Comments: Section 26124 has a web component requiring internet access; additional fees may apply.		
74347	Long, J	Online
Comments: CONTACT: long.j@mccd.edu Section 74347 will be offered remotely and has a web component requiring internet access; additional fees may apply.		



**ENGL-95S Enhanced Academic Literacy**

2.0 units: 36.0 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.

**Online**

- 21031 Flatt, S Online  
Comments: Section 21031 requires students to register for ENGL-01A-21030 and has a web component requiring internet access; additional fees may apply. CONTACT: flatt.s@mccd.edu
- 21033 Gonzalez, H Online  
Comments: Section 21033 requires students to register for ENGL-01A-21032 and has a web component requiring internet access; additional fees may apply. CONTACT: heather.gonzalez@mccd.edu
- 21035 Gonzalez, H Online  
Comments: Section 21035 requires students to register for ENGL-01A-21034 and has a web component requiring internet access; additional fees may apply. CONTACT: heather.gonzalez@mccd.edu
- 21037 Zamora, J Online  
Comments: Section 21037 requires students to register for ENGL-01A-21036. Section 21037 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at jocias.zamora@mccd.edu
- 21039 Gonzalez, H Online  
Comments: Section 21039 requires students to register for ENGL-01A-21038 and has a web component requiring internet access; additional fees may apply. CONTACT: heather.gonzalez@mccd.edu
- 21041 Lankford, T Online  
Comments: Section 21041 requires students to register for ENGL-01A-21040 and has a web component requiring internet access; additional fees may apply.
- 21043 Temple, J Online  
Comments: Section 21043 requires students to register for ENGL-01A-21042 and has a web component requiring internet access; additional fees may apply.
- 21045 Taber, J Online  
Comments: Section 21045 requires students to register for ENGL-01A-21044 and has a web component requiring internet access; additional fees may apply.
- 21047 Taber, J Online  
Comments: Section 21047 requires students to register for ENGL-01A-21046 and has a web component requiring internet access; additional fees may apply.
- 21049 Truesdale, D Online  
Comments: Section 21049 requires students to register for ENGL-01A-21048 and has a web component requiring internet access; additional fees may apply. CONTACT: diana.ferrell@mccd.edu
- 22079 Lankford, T Online  
Comments: Section 22079 requires students to register for ENGL-01A-22078 and has a web component requiring internet access; additional fees may apply. CONTACT: taylor.lankford@mccd.edu
- 22083 Tjerrild, K Online  
Comments: Section 22083 requires students to register for ENGL-01A-22082 and has a web component requiring internet access; additional fees may apply. CONTACT: katlyn.tjerrild@mccd.edu
- 26111 Truesdale, D Online  
Comments: Section 26111 requires students to register for

ENGL-01A-26110 and has a web component requiring internet access; additional fees may apply. CONTACT: diana.ferrell@mccd.edu

- 26113 Truesdale, D Online  
Comments: Section 26113 requires students to register for ENGL-01A-26112 and has a web component requiring internet access; additional fees may apply. CONTACT: diana.ferrell@mccd.edu
- 28101 Bachman, E Online  
Comments: Section 28101 requires students to register for ENGL-01A-28100 and has a web component requiring internet access; additional fees may apply. CONTACT: erik.bachman@mccd.edu
- 28103 Fries, M Online  
Comments: Section 28103 requires students to register for ENGL-01A-28102 and has a web component requiring internet access; additional fees may apply. CONTACT: melissa.fries@mccd.edu
- 72829 Johnston, J Online  
Comments: CONTACT: johnston.j@mccd.edu Section 72829 is held from 08/17/20 to 10/15/20. Section 72829 requires students to register for ENGL-01A-72821.
- 72841 Johnston, J Online  
Comments: CONTACT: johnston.j@mccd.edu Section 72841 is held from 10/19/20 to 12/18/20. Section 72841 requires students to register for ENGL-01A-72823.
- 74383 Chavez, C Online  
Comments: CONTACT: chavez.c@mccd.edu Section 74383 requires students to register for ENGL-01A-74357. Section 74383 will be offered remotely and has a web component requiring internet access; additional fees may apply.
- 74385 Long, J Online  
Comments: CONTACT: long.j@mccd.edu Section 74385 requires students to register for ENGL-01A-74355. Section 74385 will be offered remotely and has a web component requiring internet access; additional fees may apply.
- 78383 Flanagan, J Online  
Comments: CONTACT: james.flanagan@mccd.edu Section 78383 requires students to register for ENGL-01A-78349. Section 78383 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**English - Non-Credit (ENG)****ENG-123 Adult Literacy Level 2**

0.0 units: 81.0 hours lec.

In Adult Literacy Level 2, students will read level-appropriate text (400-499 Lexile) with accuracy, at an appropriate fluency rate; write opinion pieces or simple informative text; become familiar with the use of print and digital search tools; and be introduced to guided research.

**Online**

- 95169 Melo, J Online  
Comments: CONTACT: joann.melo@mccd.edu COMMENTS: Section 95169 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**ENG-124 Adult Literacy Level 3**

0.0 units: 81.0 hours lec.

In Adult Literacy Level 3, students will read level-appropriate text (500-690 Lexile) with accuracy, at an appropriate fluency rate; write guided assignments based on a variety of prompts that attempt to organize, compose, revise, and edit; use print and digital search tools to locate information relevant to a topic; and participate in guided research at the appropriate level.



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

Online

95170 Melo, J Online  
Comments: CONTACT: joann.melo@mccd.edu COMMENTS: Section 95170 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**ENG-125 Adult Literacy Level 4**

0.0 units: 81.0 hours lec.  
In Adult Literacy Level 4, students will read level-appropriate text (700-1090 Lexile) with accuracy, at an appropriate fluency rate; write opinion pieces, supporting a logically ordered point of view with facts and reasons based upon source material; use print and digital search tools to locate information relevant to a topic to broaden an understanding of the topic; and participate in guided research at the appropriate level.

Online

95171 Melo, J Online  
Comments: CONTACT: joann.melo@mccd.edu COMMENTS: Section 95171 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**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.

Online

95022 Allen, R Online  
Comments: CONTACT: rebecca.allen@mccd.edu COMMENTS: Section 95022 will be offered remotely and has a web component requiring internet access; additional fees may apply.

95026 Ramos Avalos, S Online  
Comments: CONTACT: sergio.ramos@mccd.edu COMMENTS: Section 95026 will be offered remotely and has a web component requiring internet access; additional fees may apply.

95038 Sanchez-Navarro, Z Online  
Comments: CONTACT: zaira.sanchez-navarr@mccd.edu COMMENTS: Section 95038 will be offered remotely and has a web component requiring internet access; additional fees may apply.

95049 Cervantes Juan, M Online  
Comments: CONTACT: maria.cervantes2700@mccd.edu COMMENTS: Section 95049 will be offered remotely and has a web component requiring internet access; additional fees may apply.

95057 Lourenco, C Online  
Comments: CONTACT: catarina.lourenco@mccd.edu COMMENTS: Section 95057 will be offered remotely and has a web component requiring internet access; additional fees may apply.

95095 Murillo Meraz, O Online  
Comments: CONTACT: olga.murilla344@mccd.edu COMMENTS: Section 95095 will be offered remotely and has a web component requiring internet access; additional fees may apply.

95127 Lourenco, C Online

95130 Cervantes Juan, M Online

95131 Murillo Meraz, O Online

95133 Ramos Avalos, S Online

95134 Sanchez-Navarro, Z Online

95179 Allen, R Online

**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.

Online

95023 Allen, R Online  
Comments: CONTACT: rebecca.allen@mccd.edu COMMENTS: Section 95023 will be offered remotely and has a web component requiring internet access; additional fees may apply.

95027 Ramos Avalos, S Online  
Comments: CONTACT: sergio.ramos@mccd.edu COMMENTS: Section 95027 will be offered remotely and has a web component requiring internet access; additional fees may apply.

95039 Sanchez-Navarro, Z Online  
Comments: CONTACT: zaira.sanchez-navarr@mccd.edu COMMENTS: Section 95039 will be offered remotely and has a web component requiring internet access; additional fees may apply.

95050 Cervantes Juan, M Online  
Comments: CONTACT: maria.cervantes2700@mccd.edu COMMENTS: Section 95050 will be offered remotely and has a web component requiring internet access; additional fees may apply.

95058 Lourenco, C Online  
Comments: CONTACT: catarina.lourenco@mccd.edu COMMENTS: Section 95058 will be offered remotely and has a web component requiring internet access; additional fees may apply.

95096 Murillo Meraz, O Online  
Comments: CONTACT: olga.murilla344@mccd.edu COMMENTS: Section 95096 will be offered remotely and has a web component requiring internet access; additional fees may apply.

95136 Lourenco, C Online

95139 Cervantes Juan, M Online

95140 Murillo Meraz, O Online

95142 Ramos Avalos, S Online

95143 Sanchez-Navarro, Z Online

95180 Allen, R Online

**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.

Online

95020 Worden, F Online  
Comments: CONTACT: worden.f@mccd.edu COMMENTS: Section 95020 will be offered remotely and has a web component requiring internet access; additional fees may apply.

95024 Allen, R Online  
Comments: CONTACT:rebecca.allen@mccd.edu COMMENTS: Section 95024 will be offered remotely and has a web component requiring internet access; additional fees may apply.

95028 Ramos Avalos, S Online  
Comments: CONTACT: sergio.ramos@mccd.edu COMMENTS: Section 95028 will be offered remotely and has a web component requiring internet access; additional fees may apply.

95040 Sanchez-Navarro, Z Online  
Comments: CONTACT: zaira.sanchez-navarr@mccd.edu





COMMENTS: Section 95040 will be offered remotely and has a web component requiring internet access; additional fees may apply.		
95051	Cervantes Juan, M	Online
Comments: CONTACT: maria.cervantes2700@mccd.edu COMMENTS: Section 95049 will be offered remotely and has a web component requiring internet access; additional fees may apply.		
95079	Lourenco, C	Online
Comments: CONTACT: catarina.lourenco@mccd.edu COMMENTS: Section 95079 will be offered remotely and has a web component requiring internet access; additional fees may apply.		
95097	Murillo Meraz, O	Online
Comments: CONTACT: olga.murilla344@mccd.edu COMMENTS: Section 95097 will be offered remotely and has a web component requiring internet access; additional fees may apply.		
95145	Lourenco, C	Online
95149	Cervantes Juan, M	Online
95150	Murillo Meraz, O	Online
95152	Ramos Avalos, S	Online
95153	Sanchez-Navarro, Z	Online
95181	Allen, R	Online

**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.

**Online**

95021	Worden, F	Online
Comments: CONTACT: worden.f@mccd.edu COMMENTS: Section 95021 will be offered remotely and has a web component requiring internet access; additional fees may apply.		
95025	Allen, R	Online
Comments: CONTACT: rebecca.allen@mccd.edu COMMENTS: Section 95025 will be offered remotely and has a web component requiring internet access; additional fees may apply.		
95029	Ramos Avalos, S	Online
Comments: CONTACT: sergio.ramos@mccd.edu COMMENTS: Section 95029 will be offered remotely and has a web component requiring internet access; additional fees may apply.		
95041	Sanchez-Navarro, Z	Online
Comments: CONTACT: zaira.sanchez-navarr@mccd.edu COMMENTS: Section 95041 will be offered remotely and has a web component requiring internet access; additional fees may apply.		
95052	Cervantes Juan, M	Online
Comments: CONTACT: maria.cervantes2700@mccd.edu COMMENTS: Section 95052 will be offered remotely and has a web component requiring internet access; additional fees may apply.		
95080	Lourenco, C	Online
Comments: CONTACT: catarina.lourenco@mccd.edu COMMENTS: Section 95080 will be offered remotely and has a web component requiring internet access; additional fees may apply.		
95098	Murillo Meraz, O	Online
Comments: CONTACT: olga.murilla344@mccd.edu COMMENTS: Section 95098 will be offered remotely and has a web component requiring internet access; additional fees may apply.		

95155	Lourenco, C	Online
95159	Cervantes Juan, M	Online
95160	Murillo Meraz, O	Online
95162	Ramos Avalos, S	Online
95163	Sanchez-Navarro, Z	Online
95182	Allen, R	Online

**ENG-821 Foundations in Academic Literacy II**

0.0 units: 90.0 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.

**Online**

95111	Lankford, T	Online
Comments: CONTACT: taylor.lankford@mccd.edu COMMENTS: Section 95111 will be offered remotely and has a web component requiring internet access; additional fees may apply.		

**ENG-822 Foundations for Academic Literature I**

0.0 units: 90.0 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.

**Online**

95114	Lankford, T	Online
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## English As A Second Language (ESL)

### ESL-85E Foundations in Academic Literacy I For Non-Native Speakers

5.0 units: 90.0 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.

**Online**

21245	Lankford, T	Online
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## Fire Technology (FIRE)

### FIRE-30 Fire Protection Organization

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

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.

**Online**

46809	McCall, T	Online
Comments: CONTACT: tom.mccall@mccd.edu Section 46809 will be offered remotely and has a web component requiring internet access; additional fees may apply.		



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

## FIRE-31 Fire Behavior & Combustion

3.0 units: 54.0 hours lec.

Prerequisite: Take FIRE-30; Minimum Grade C,P;

Advisory: Previously taken ENGL-85AC or ENGL-85E is advised.

This course presents the theory and fundamentals of how and why fires start, spread, and are controlled; an in-depth study of fire chemistry and physics; fire characteristics of materials; extinguishing agents; and fire control techniques.

### Online

46810

Donnelly, B Online

Comments: CONTACT: tom.mccall@mccd.edu Section 41810 will be offered remotely and has a web component requiring internet access; additional fees may apply.

## FIRE-32 Fire Prevention Technology

3.0 units: 54.0 hours lec.

Prerequisite: Take FIRE-30; Minimum grade C,P;

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

This course provides fundamental information regarding the history and philosophy of fire prevention, organization and operation of a fire prevention bureau, use of fire codes, identification and correction of fire safety education and suppression systems.

### Online

41888

McCall, T Online

Comments: CONTACT: tom.mccall@mccd.edu Section 41888 will be offered remotely and has a web component requiring internet access; additional fees may apply.

## FIRE-33 Fire Protection Equipment & Systems

3.0 units: 54.0 hours lec.

Prerequisite: take fire-30; minimum grade c,p;

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

This course provides information relating to features of design and operation of fire detection and alarm systems, heat and smoke control systems, special protection and sprinkler systems, water supply for fire protection, and portable fire extinguishers.

### Online

41889

McCall, T Online

Comments: CONTACT: tom.mccall@mccd.edu Section 41889 will be offered remotely and has a web component requiring internet access; additional fees may apply.

## FIRE-40 Principles of Fire and Emergency Services Safety and Survival

3.0 units: 54.0 hours lec.

Prerequisite: Take FIRE-30 Minimum grade C,P;

This course introduces the basic principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavior change throughout the emergency services.

### Online

41895

McCall, T Online

Comments: CONTACT: tom.mccall@mccd.edu Section 41895 will be offered remotely and has a web component requiring internet access; additional fees may apply.

## French (FREN)

### FREN-01 Elementary French I

5.0 units: 90.0 hours lec.

Advisory: Previously taken ENGL-84A is advised.

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.

### Online

21255

Rida, A

Online

Comments: Section 21255 has a web component requiring internet access; additional fees may apply. CONTACT: rida.a@mccd.edu

## Fruit Production (FPRO)

### FPRO-13 Fruit Tree Maintenance

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-85A, ENGL-85AC or

ENGL-85E and MATH-80 or MATH-85 is advised.

This course is designed to evaluate management decisions for fruit and nut trees. Management topics will include studies of climate zones, soil selection, financing, farm organization, irrigation systems, field layout, varietal selection, nutritional needs, harvesting, labor management, marketing, and budgeting. The student will be required to prepare a budget and calendar of orchard operations.

### Online

36004

Geyer, R

Online

Comments: Web Component which will require you to have internet access.

## G.E.D. - Non-Credit (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 are the areas covered by the GED exam such as science, social studies, literature, mathematics and writing.

### Online

95060

Melo, J

Online

Comments: CONTACT: joann.melo@mccd.edu COMMENTS: Section 95060 will be offered remotely and has a web component requiring internet access; additional fees may apply.

95066

Castro, M

Online

Comments: CONTACT: marisela.miranda-lom@mccd.edu COMMENTS: Section 95066 will be offered remotely and has a web component requiring internet access; additional fees may apply.

95067

Martinez, M

Online

Comments: CONTACT: maricela.martine1118@mccd.edu COMMENTS: Section 95067 will be offered remotely and has a web component requiring internet access; additional fees may apply.

95165

Martinez, M

Online

## Geography (GEOG)

### GEOG-01 Physical Geography

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

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

51086

Chambers, D

Online



Comments: This class has a web component which requires internet access.

51087 Chambers, D Online

Comments: This class has a web component which requires internet access.

51088 Chambers, D Online

Comments: This class has a web component which requires internet access.

51089 Morimoto, D Online

Comments: Section 51089 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: morimoto.d@mccd.edu.

52004 Morimoto, D Online

Comments: CONTACT: morimoto.d@mccd.edu or (209) 384-6349. Access code and login REQUIRED within the first week of instruction. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

52005 Morimoto, D Online

Comments: CONTACT: morimoto.d@mccd.edu or (209) 384-6349. Access code and login REQUIRED within the first week of instruction. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

## GEOG-02 World Geography

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-01A is advised.

Survey of the world's culture regions and nations as interpreted by geographers, including physical, cultural, and economic features. Emphasis on spatial and historical influences on population growth, transportation networks, and natural environments. Identification and importance of the significant features of regions.

### Online

51090 Morimoto, D Online

Comments: Section 51090 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: morimoto.d@mccd.edu.

51091 Chambers, D Online

Comments: This class has a web component which requires internet access.

51092 Gaugler, C Online

Comments: Section 51092 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: gaugler.c@mccd.edu.

52006 Morimoto, D Online

Comments: CONTACT: morimoto.d@mccd.edu or (209) 384-6349. Access code and login REQUIRED within the first week of instruction. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

## GEOG-12 Introduction to Human Geography

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

Introduction to origins and global distribution of cultures. Examines cultural adaptations to the earth, human modifications of the landscape, and patterns of human organization as exemplified in population, agriculture, language, religion, political organization, popular culture, and economic development. Issues addressed include famine, political conflict, multiculturalism, suburban sprawl, industrial relocation and third world development.

### Online

51093 Chambers, D Online

Comments: This class has a web component which requires

internet access.

## Geology (GEOL)

### GEOL-01 Physical Geology

4.0 units: 54.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-85A or ENGL-85AC ---AND---

Previously taken MATH-C MATH-61 or MATH-62 is advised.

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.

### Online

16024

Davies, R Online

Comments: Section 16024 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: davies.r@mccd.edu.

### GEOL-03 Earth Science

4.0 units: 54.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

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.

### Online

11071

Davies, R Online

Comments: Section 11071 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: davies.r@mccd.edu.

12015

Davies, R Online

Comments: Section 12015 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: davies.r@mccd.edu.

12804

Davies, R Online

Comments: Section 12804 is held from 10/19/20 to 12/18/20 and will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: davies.r@mccd.edu.

16025

Davies, R Online

Comments: Section 16025 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: davies.r@mccd.edu.

## German (GERN)

### GERN-01 Elementary German I

5.0 units: 90.0 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.



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

**Online**

21256 Kreide, C Online  
 Comments: Section 21256 has a web component requiring internet access; additional fees may apply.

**Guidance (GUID)****GUID-30 Foundations and Strategies For College Success**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85AC is advised.

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**

72837 Covarrubias, L Online  
 Comments: CONTACT: lizette.covarrubias@mccd.edu Section 72837 is held from 11/16/20 to 12/18/20.

72843 Covarrubias, L Online  
 Comments: CONTACT: lizette.covarrubias@mccd.edu Section 72843 is held from 08/17/20 to 09/25/20.

72845 Serrano Campos, T Online  
 Comments: CONTACT: jazmin.serrano@mccd.edu Section 72845 is held from 09/28/20 to 11/13/20.

72847 Serrano Campos, T Online  
 Comments: CONTACT: jazmin.serrano@mccd.edu Section 72847 is held from 11/16/20 to 12/18/20.

74477 Serrano Campos, T Online  
 Comments: CONTACT: jazmin.serrano@mccd.edu Section 74477 is a Learning Community with ENGL-01A-74351. Section 74477 will be offered remotely and has a web component requiring internet access; additional fees may apply.

74479 Lemons, S Online  
 Comments: CONTACT: pa.xiong@mccd.edu Section 74479 will be offered remotely and has a web component requiring internet access; additional fees may apply.

77935 Gill, J Online  
 Comments: CONTACT: jasmin.gill@mccd.edu Section 77935 will be offered remotely and has a web component requiring internet access; additional fees may apply.

78477 Rodriguez, L Online  
 Comments: CONTACT: leticia.rodriguez1@mccd.edu Section 78477 will be offered remotely and has a web component requiring internet access; additional fees may apply.

81010 Alcalá, R Online

81011

Renteria, E Online

82012 Clark, S Online

Comments: CONTACT: clark.s@mccd.edu

82013 Clark, S Online

Comments: CONTACT: clark.s@mccd.edu

82814

Vang, N Online

Comments: CONTACT: gina.vang1@mccd.edu

82815

Vang, N Online

Comments: CONTACT: gina.vang1@mccd.edu

82816

Cambridge, I Online

Comments: CONTACT: cambridge.i@mccd.edu

82817

Cambridge, I Online  
 Comments: CONTACT: cambridge.i@mccd.edu

86018

Akajan, R Online

**GUID-48 Life & Career Planning**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85AC is advised.

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**

81030 Akajan, R Online

82031 Frias, S Online

Comments: CONTACT: sabrina.frias@mccd.edu

82832 Garcia, C Online

Comments: CONTACT: garcia.c@mccd.edu

**GUID-54 Foundations and Strategies for Academic Recovery**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-84A is advised.

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**

74485 Rodriguez, L Online  
 Comments: CONTACT: leticia.rodriguez1@mccd.edu Section 74485 will be offered remotely and has a web component requiring internet access; additional fees may apply.

81040 Bell, S Online

82042 Maples, I Online

Comments: CONTACT: inga.maples@mccd.edu

82043 Renner, L Online

Comments: CONTACT: liliana.renner@mccd.edu

82044 Maples, I Online

Comments: CONTACT: inga.maples@mccd.edu

82045 Flores, K Online

Comments: CONTACT: karina.ortega@mccd.edu

82846 Yang, Y Online

Comments: CONTACT: yer.yang630@mccd.edu

82847 Vang, N Online

Comments: CONTACT: gina.vang1@mccd.edu

**Guidance - Non-Credit (GUI)****GUI-101 Introduction to College**

0.0 units: .

This course will acquaint students with the college, academic regulations, the availability of campus resources, and the importance of educational planning. 1.5-6 hours.

**Online**

95011 Fuentes, C Online

95012 Serrano Campos, T Online





**Health (HLTH)****HLTH-10 Contemporary Health**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85A or ENGL-85AC is advised  
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**

- |  |               |        |
|--|---------------|--------|
| 41316  | Severo, S     | Online |
| Comments: Section 41316 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: severo.s@mccd.edu.     |               |        |
| 41317  | Casey, J      | Online |
| Comments: Section 41317 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: casey.j@mccd.edu.      |               |        |
| 41318  | Casey, J      | Online |
| Comments: Section 42318 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: casey.j@mccd.edu.      |               |        |
| 41319  | Casey, R      | Online |
| Comments: Section 41319 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: casey.r@mccd.edu.      |               |        |
| 41320  | Huddleston, A | Online |
| Comments: Section 41320 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: huddleston.a@mccd.edu. |               |        |
| 41321  | Severo, S     | Online |
| Comments: Section 41321 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: severo.s@mccd.edu.     |               |        |
| 41324  | Severo, S     | Online |
| Comments: Section 41324 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: severo.s@mccd.edu.     |               |        |
| 42030  | Devine, N     | Online |
| Comments: Section 42030 has a web component requiring internet access; additional fees may apply. CONTACT: devine.n@mccd.edu.  |               |        |
| 42031  | Devine, N     | Online |
| Comments: Section 42031 has a web component requiring internet access; additional fees may apply. CONTACT: devine.n@mccd.edu.  |               |        |
| 42801  | Huddleston, A | Online |
| 42802  | Devine, N     | Online |
| Comments: Section 42802 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: devine.n@mccd.edu.     |               |        |
| 46300  | Severo, S     | Online |
| Comments: Section 46300 will be offered remotely and has a web component requiring internet access; additional fees may  |               |        |

apply. For further information regarding this course, please contact the instructor at: severo.s@mccd.edu.

72849

Staff, M

Online

Comments: CONTACT: emily.talley@mccd.edu Section 72849 is held from 11/16/20 to 12/18/20.

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

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

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.

**Online**

- |  |           |        |
|--|-----------|--------|
| 41326  | Severo, S | Online |
| Comments: Section 41326 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: severo.s@mccd.edu. |           |        |

**Health - Non-Credit (HLT)****HLT-322 Beginning Fall and Injury Prevention for Beginning Fall and Injury Prevention for**

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.

**Chowchilla**

- |       |    |   |             |
|-------|----|---|-------------|
| 95610 | MW | - | Botsford, S |
| 95610 | MW | - | Botsford, S |
| 95620 |    | - | Botsford, S |

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

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-01A is advised.

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

**Online**

- |  |           |        |
|--|-----------|--------|
| 51101  | Harvey, E | Online |
| Comments: Section 51101 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: harvey.e@mccd.edu. |           |        |

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

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

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**

- |   |           |        |
|---|-----------|--------|
| 51102   | Fong, A   | Online |
| Comments: Section 51102 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: adam.fong@mccd.edu. |           |        |
| 51103   | Lorenz, M | Online |
| 52034   | Arnold, T | Online |
| Comments: CONTACT: thomas.arnold@mccd.edu for   |           |        |



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

course-specific questions. For additional information and technical assistance to log into online classes, contact [www.mccd.edu/myhelp/](http://www.mccd.edu/myhelp/) or call (209) 381-6565.

52821 Hampton, C Online  
Comments: "Section 52821 meets from 10/19/20 to 12/18/20. CONTACT: [caleb.hampton@mccd.edu](mailto:caleb.hampton@mccd.edu) for course-specific questions. For additional information about logging into online classes, contact [www.mccd.edu/myhelp/](http://www.mccd.edu/myhelp/) or call (209) 381-6565."

## HIST-04B World History Part 2

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

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.

### Online

51104 Lorenz, M Online  
52031 Hampton, C Online  
Comments: CONTACT: [caleb.hampton@mccd.edu](mailto:caleb.hampton@mccd.edu) for course-specific questions. For technology problems, contact the Help Desk at [www.mccd.edu/myhelp/](http://www.mccd.edu/myhelp/) or (209) 381-6565. Students need to log in within the first two days of class.

## HIST-07 History of Southeast Asia

3.0 units: 54.0 hours lec.

This course provides a broad historical survey of Southeast Asia from pre-historic times to the present. This course includes the study of traditional and modern Southeast Asia, cultural achievements, and contributions to both Eastern and Western civilizations.

### Online

51105 Fong, A Online  
Comments: Section 51105 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [adam.fong@mccd.edu](mailto:adam.fong@mccd.edu).

## HIST-09B Japan: Introduction to East Asian Civilization

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-01A is advised.

This course provides a broad historical survey of Japan from pre-historic times to the present. The course includes the study of traditional and modern Japan, significant institutions, cultural achievements, and contributions to both Eastern and Western civilizations.

### Online

51106 Fong, A Online  
Comments: Section 51106 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [adam.fong@mccd.edu](mailto:adam.fong@mccd.edu).

## HIST-17A US History/US Constitution

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-01A is advised.

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

51107 Driskill, D Online  
51108 Wheeler, J Online  
51109 Fong, A Online  
Comments: Section 51109 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please

contact the instructor at: [adam.fong@mccd.edu](mailto:adam.fong@mccd.edu).

51110 Harvey, E Online  
Comments: Section 51110 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [harvey.e@mccd.edu](mailto:harvey.e@mccd.edu).

51111 Harvey, E Online  
Comments: Section 51111 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [harvey.e@mccd.edu](mailto:harvey.e@mccd.edu).

51112 Lorenz, M Online  
51114 Caivano, D Online  
Comments: Section 51114 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [dean.caivano@mccd.edu](mailto:dean.caivano@mccd.edu).

51115 Caivano, D Online  
Comments: Section 51115 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [dean.caivano@mccd.edu](mailto:dean.caivano@mccd.edu).

51116 Nystrom, E Online  
Comments: Section 51116 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [eric.nystrom@mccd.edu](mailto:eric.nystrom@mccd.edu).

51118 Purcell, C Online  
51119 Purcell, C Online  
51120 Seymour, D Online  
Comments: Section 51120 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [david.seymour@mccd.edu](mailto:david.seymour@mccd.edu).

51121 Seymour, D Online  
Comments: Section 51121 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [david.seymour@mccd.edu](mailto:david.seymour@mccd.edu).

52007 Harvey, E Online  
Comments: CONTACT: [harvey.e@mccd.edu](mailto:harvey.e@mccd.edu) for course-specific questions. For technology problems, contact the Help Desk at [www.mccd.edu/myhelp/](http://www.mccd.edu/myhelp/) or (209) 381-6565. Students need to log in within the first two days of class.

52008 Connors, J Online  
Comments: CONTACT: For Course-specific questions contact [jill.connors@mccd.edu](mailto:jill.connors@mccd.edu). For additional information and technical assistance to log into online classes, contact [www.mccd.edu/myhelp/](http://www.mccd.edu/myhelp/) or call (209) 381-6565.

52009 Jackson, M Online  
Comments: CONTACT: For course-specific questions contact [marvin.jackson@mccd.edu](mailto:marvin.jackson@mccd.edu). For additional information about logging into online classes, contact [www.mccd.edu/myhelp/](http://www.mccd.edu/myhelp/) or call (209) 381-6565.

52029 Nystrom, E Online  
Comments: CONTACT: [eric.nystrom@mccd.edu](mailto:eric.nystrom@mccd.edu) for course-specific questions. For additional information and technical assistance to log into online classes, contact [www.mccd.edu/myhelp/](http://www.mccd.edu/myhelp/) or call (209) 381-6565. Students need to log in within the first two days of class.

52810 Caivano, D Online  
Comments: "Section 52810 meets from 8/17/20 to 9/25/20. CONTACT: [dean.caivano@mccd.edu](mailto:dean.caivano@mccd.edu) for course-specific questions. For additional information about logging into online classes, contact [www.mccd.edu/myhelp/](http://www.mccd.edu/myhelp/) or call (209) 381-6565."

59001 Kocolas, T Online  
Comments: Section 59001 is a 9-week class which meets from



- 8/17/20 to 10/16/20.
- 72079 Cook, J Online  
Comments: CONTACT: james.cook@mccd.edu COMMENTS: Students need to log-in within the first two days of class.
- 72081 Gardner, J Online  
Comments: CONTACT: jennifer.gardner@mccd.edu
- 72085 Cook, J Online  
Comments: CONTACT: james.cook@mccd.edu COMMENTS: Students need to log-in within the first two days of class.
- 79041 McNally, T Online  
Comments: CONTACT: timothy.mcnally@mccd.edu Section 79041 is held from 09/28/20 to 11/13/20. Section 79041 will be offered remotely and has a web component requiring internet access; additional fees may apply

**HIST-17AH Hnrs US History/Constitution**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-01A and ENGL-13 ENGL-13H PHIL-13 or PHIL-13H is advised.

Limitation on Enrollment: Enrollment in the Honors Program. (See the College Catalog for a description of enrollment requirements). This course covers the social, political, economic and constitutional development of the nation. There will be an emphasis on academic rigor, analytical research, writing, critical thinking, and collaborative learning.

**Online**

- 51122 Lorenz, M Online

**HIST-17B US History & California State & Local Government**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-01A is advised.

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**

- 51123 Fong, A Online  
Comments: Section 51123 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: adam.fong@mccd.edu.
- 51124 Fong, A Online  
Comments: Section 51124 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: adam.fong@mccd.edu.
- 51126 Lorenz, M Online
- 51127 Nystrom, E Online  
Comments: Section 51127 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: eric.nystrom@mccd.edu.
- 51129 Purcell, C Online
- 51130 Purcell, C Online
- 51131 Seymour, D Online  
Comments: Section 51131 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: david.seymour@mccd.edu.
- 52010 Connors, J Online  
Comments: CONTACT: For Course-specific questions contact jill.connors@mccd.edu. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.
- 52011 Harvey, E Online  
Comments: CONTACT: harvey.e@mccd.edu for course-specific questions. For additional information and technical assistance

to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565. Students need to log in within the first two days of class.

- 52012 Arnold, T Online  
Comments: CONTACT: For course-specific questions contact thomas.arnold@mccd.edu. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.
- 52805 Jackson, M Online  
Comments: Section 52805 meets from 10/19/20 to 12/18/20. CONTACT: jackson.marvin@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.
- 52812 Caivano, D Online  
Comments: "Section 52812 meets from 9/28/20 to 11/6/20. CONTACT: dean.caivano@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565."
- 59002 Kocolas, T Online  
Comments: Section 59002 is a 9-week class which meets from 10/19/20 to 12/18/20.
- 72083 Cook, J Online  
Comments: CONTACT: james.cook@mccd.edu COMMENTS: Students need to log-in within the first two days of class.
- 74509 McNally, T Online  
Comments: CONTACT: timothy.mcnally@mccd.edu Section 74509 will be offered remotely and has a web component requiring internet access; additional fees may apply.
- 74511 Gardner, J Online  
Comments: CONTACT: jennifer.gardner@mccd.edu Section 74511 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**HIST-19 Women in American History**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-01A is advised.

This course is a review of the history of women in America covering the period from 1600 to the present. The emphasis of the course is a multicultural and multi-class approach, examining the problems of women of various ethnicities, races and classes in America. The formation of gender roles is discussed along with an analysis of women's political and economic status across the period. The course will analyze women's struggle for equal rights, the impact of women's participation in significant events in American history, and regional and cultural differences in the way women are treated in society. Emphasis will be on California local and state governments, their operations and how women have politically participated in California.

**Online**

- 51132 Doria, L Online  
Comments: Section 51132 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: lorraine.doria@mccd.edu.

**HIST-22 History of Minorities - Black Emphasis**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-01A is advised.

This course is a political and social history of American society and culture as seen from the Black perspective. It is a survey course covering the period from 1600 to the present. This course presents in-depth the historical background and development of American institutions and ideals.

**Online**

- 51133 Lorenz, M Online





**HIST-29 History of California**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

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.

**Online**

- 52013 Harvey, E Online  
Comments: CONTACT: harvey.e@mccd.edu for course-specific questions. For technology problems, contact the Help Desk at [www.mccd.edu/myhelp/](http://www.mccd.edu/myhelp/) or (209) 381-6565. Students need to log in within the first two days of class.
- 52817 Hampton, C Online  
Comments: "Section 52817 meets from 8/17/20 to 10/16/20. CONTACT: caleb.hampton@mccd.edu for course-specific questions. For additional information about logging into online classes, contact [www.mccd.edu/myhelp/](http://www.mccd.edu/myhelp/) or call (209) 381-6565."

**History - Non-Credit (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.

**Online**

- 95032 Alvarado-Barba, A Online  
Comments: CONTACT: alejandra.alvarado@mccd.edu  
COMMENTS: Section 95201 will be offered remotely and has a web component requiring internet access; additional fees may apply.
- 95033 Sanchez-Navarro, Z Online  
Comments: CONTACT: zaira.sanchez-navarro@mccd.edu  
COMMENTS: Section 95033 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**Hmong (HMNG)****HMNG-01 Elementary Hmong I**

5.0 units: 90.0 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.

**Online**

- 21258 Ly, C Online  
Comments: Section 21258 has a web component requiring internet access; additional fees may apply. CONTACT: Ly.c@mccd.edu

**Human Services (HMSV)****HMSV-20 Social Welfare and Social Work**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-01A is advised.

A practical and general study of theoretical concepts and institutional frameworks that guide social welfare policy and practice. This course provides an overview of the social work profession and the social welfare system within which it operates, including federal, state, and county organizations. Students will also review employment opportunities and requirements in social welfare.

**Online**

- 56022 Richardson, C Online

**HMSV-21 Human Behavior and the Helping Process**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-01A is advised.

This course examines the history and philosophies of human services; identifies what constitutes genuine and empathic relationships; analyzes the role of conflict in individual and societal systems; demonstrates a broad range of relevant communication skills and strategies, and assists students in designing integrated services using innovative practices in diverse settings. The course includes components on personality development; social and political influences that shape interactive behavior, and guidelines for identifying normal and exceptional behavior, as well as, practical ways of helping people who have problems in living.

**Online**

- 56023 Richardson, C Online

**HMSV-24 Work Experience in Human Services**

1.0 units: .

Advisory: Previously taken ENGL-85A or ENGL-85AC is advised.

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**

- 53001 - Saich, E  
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href="https://mag.mccd.edu/Work40Info">http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for HMSV 24, Work Experience in Human Services, 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 Human Services and whose work is related to the Human Services major. This course requires completion of 60 volunteer or 75 paid hours.
- 53002 - Saich, E  
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href="https://mag.mccd.edu/Work40Info">http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for HMSV 24, Work Experience in Human Services, 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 Human Services and whose work is related to the Human Services major. This course requires completion of 120 volunteer or 150 paid hours.
- 53003 - Saich, E  
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href="https://mag.mccd.edu/Work40Info">http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html</A>. Students





registered for HMSV 24, Work Experience in Human Services, must have a paid or volunteer work position in place at the time of registration. This 3 unit course is designed for students majoring in Human Services and whose work is related to the Human Services major. This course requires completion of 180 volunteer or 225 paid hours.

53004 - Saich, E

Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for HMSV 24, Work Experience in Human Services, must have a paid or volunteer work position in place at the time of registration. This 4 unit course is designed for students majoring in Human Services and whose work is related to the Human Services major. This course requires completion of 240 volunteer or 300 paid hours.

### Los Banos Campus

73145 - Coahran, S

Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for HMSV 24, Work Experience in Human Services, 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 Human Services and whose work is related to the Human Services major. This course requires completion of 60 volunteer or 75 paid hours.

73146 - Coahran, S

Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for HMSV 24, Work Experience in Human Services, 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 Human Services and whose work is related to the Human Services major. This course requires completion of 120 volunteer or 150 paid hours.

73147 - Coahran, S

Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for HMSV 24, Work Experience in Human Services, must have a paid or volunteer work position in place at the time of registration. This 3 unit course is designed for students majoring in Human Services and whose work is related to the Human Services major. This course requires completion of 180 volunteer or 225 paid hours.

73148 - Coahran, S

Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for HMSV 24, Work Experience in Human Services, must have a paid or volunteer work position in place at the time of registration. This 4 unit course is designed for students majoring in Human Services and whose work is related to the Human Services major. This course requires completion of 240 volunteer or 300 paid hours.

### HMSV-43 Ethics in Counseling

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

This course focuses on professional responsibilities in the field of human services. Awareness of state and federal laws and regulations, and the codes of conduct governing counseling in the human services are ex-

amined. Effective approaches and the examination of legal, ethical, and moral responsibilities and referral practices of the counselor will also be presented.

### Online

56024

Riley, J

Online

## Humanities (HUM)

### HUM-01 Studies in Humanities: Ancient Through Renaissance

3.0 units: 54.0 hours lec.

Prerequisite: Previously taken ENGL-85A ENGL-85AC or ENGL-85E and passed with a grade of C or received an equivalent.

Advisory: Previously taken ENGL-01A is advised.

The principal aims of this course are to examine human existence and cultural endeavors from earliest ancient civilizations through the Renaissance. 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.

### Online

21140

Kahlert, S

Online

Comments: Section 21140 has a web component requiring internet access; additional fees may apply. CONTACT: shirley.kahlert@mccd.edu

### HUM-01H Ancient Through Renaissance

3.0 units: 54.0 hours lec.

Prerequisite: Previously taken ENGL-85A ENGL-85AC or ENGL-85E and passed with a minimum grade of C or received an equivalent.

Advisory: Previously taken ENGL-01A is advised.

The principal aim of this course is to examine human existence and cultural endeavor from the earliest ancient civilizations through the Renaissance. 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.

### Online

21141

Kahlert, S

Online

Comments: Section 21141 has a web component requiring internet access; additional fees may apply. CONTACT: shirley.kahlert@mccd.edu

### HUM-15 Comparative Cultures

3.0 units: 54.0 hours lec

Advisory: Previously taken ENGL-01A is advised.

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.

### Online

21145

Hallman, M

Online

## Industrial Technology (INDT)

### INDT-25 Fluid Power

3.0 units: 36.0 hours lec, 54.0 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

39048

MTWTh 2:30p-01:45p Nagano, J

IT-3



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

MTWTh 01:55p-04:00p Nagano, J IT-3  
Comments: Section 39048 is held from 08/17/20 to 09/24/20. This is a Learning Community with ELCT-41-39038, ELCT-42A-39059, ELCT-47-39042, ELCT-52-39060, ELCT-55-39046, INDT-25-39048, and INDT-49-39064. Web Component which will require to have internet access.

39049

MTWTh 12:30p-01:45p Nagano, J IT-3  
MTWTh 01:55p-04:00p Nagano, J IT-3  
Comments: Section 39049 is held 08/17/20 to 09/24/20. Web Component which will require you to have internet access.

## INDT-38I Industrial Technology Computer Applications and Literacy

3.0 units: 36.0 hours lec, 54.0 hours lab.

This course explores usage in the workplace with emphasis on industrial technology (IT) situations and applications. Computer applications including word processing, spreadsheets, databases, and presentation managers will be covered. Also included will be other software and hardware appropriate to industrial technology.

### Online

39050 Thornburgh, J Online  
Comments: Section 39050 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: james.thornburgh@mccd.edu. Section 39050 is held from 09/21/20 to 10/29/20. This is a Learning Community with DRFT-04A-39022, DRFT-04B-39024, DRFT-04C-39026, DRFT-06-39028, DRFT-44-39030, and INDT-38I-39050.

39051 Thornburgh, J Online  
Comments: Section 39051 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: james.thornburgh@mccd.edu. Section 39051 is held 09/21/20 to 10/29/20.

## INDT-49 Electrical Codes & Ordinances

3.0 units: 54.0 hours lec.

This is a course in the interpretation and application of the National Electrical Code (NEC), and other national, state and local electrical codes and ordinances which regulate the installation, alteration and maintenance of electrical circuits, systems and equipment. Students may petition, through the Office of Admissions and Records, to retake the course as the National Electrical Codes change.

### Online

39064 Hamilton, A Online  
Comments: Section 39064 is held from 11/02/20 to 11/25/20. This is a Learning Community with ELCT-41-39038, ELCT-42A-39059, ELCT-47-39042, ELCT-52-39060, ELCT-55-39046, INDT-25-39048, and INDT-49-39064. Web Component which will require to have internet access.

39065 Hamilton, A Online  
Comments: Section 39065 is held 11/02/20 to 11/25/20. Web Component which will require you to have internet access.

## INDT-51 Ventilation & Air Conditioning Systems

6.0 units: 72.0 hours lec, 108.0 hours lab.

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E and INDT-50 and INDT-52 and MATH-80 or MATH-85 is advised.

This course will enable students to identify and understand the operation of various components and systems found in air conditioning refrigeration systems. Students will perform diagnostic and repair procedures on air conditioning refrigeration systems and related equipment. Thermodynamic and psychometric principles as they relate to air conditioning systems will be covered.

### Merced Campus

36009 MW 05:10p-07:00p Nagano, J IT-3

MW 07:10p-10:00p Nagano, J IT-3  
Comments: Web Component which will require you to have internet access.

## INDT-52 Refrigerant Usage Certification and R-410A Safety

1.0 units: 18.0 hours lec.

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

This course prepares students for EPA certification in refrigerant handling and R410A safety. The Clean Air Act and Montreal protocol will be discussed. Types I, II and III certification test requirements will be discussed. EPA testing will be accomplished as a component of the course. A testing fee will be required for those who wish certification. Certified technicians will perform laboratory exercises utilizing recovery equipment and procedures.

### Online

39072 Nagano, J Online  
Comments: Section 39072 is held 8/22/20 to 9/12/20. Web Component which will require you to have internet access.

## INDT-54 Residential HVAC Installation

3.0 units: 36.0 hours lec, 54.0 hours lab.

This course prepares the learner for entry-level employment in the HVAC installation trade. Topics covered in the course are installation materials, techniques and California mechanical / electrical codes related to residential HVAC system installation.

### Merced Campus

36010 Th 05:10p-07:00p Nagano, J IT-1  
Th 07:10p-10:00p Nagano, J IT-1  
Comments: Web Component which will require you to have internet access.

## Japanese (JPNS)

### JPNS-01A Elementary Japanese

2.5 units: 45.0 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 to express in Japanese the most basic functions of everyday life.

### Online

21260 John, I Online  
Comments: CONTACT: John.I@mccd.edu

### JPNS-01B Elementary Japanese

2.5 units: 45.0 hours lec.

Prerequisite: Take JPNS-01A Minimum grade C, P;

This course will continue to focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency. Students will learn how to express in Japanese the most basic functions of everyday life.

### Online

21261 John, I Online  
Comments: CONTACT: John.I@mccd.edu

## Kinesiology (KINE)

### KINE-01 Introduction to Kinesiology

3.0 units: 54.0 hours lec.

Prerequisite: Take ENGL-85AC 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

41358 McCall, S Online  
Comments: Section 41358 will be offered remotely and has a



web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: mccall.s@mccd.edu.

42032 McCall, S Online

Comments: CONTACT: For course-specific questions contact the professor of the class at mccall.s@mccd.edu. For technology problems contact the help desk at www.mccd.edu/myhelp or 209-381-6565.

### KINE-02 First Aid and Cpr for the Professional Rescuer

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85AC is advised.

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.

#### Online

41327 McCall, S Online

Comments: Section 41327 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: mccall.s@mccd.edu.

### KINE-03 Introduction to Athletic Training

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

This is an introductory course in recognition, assessment, management, care and prevention of injuries occurring in physical activities.

#### Online

41328 Tall, J Online

Comments: Section 41328 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: jessica.tall@mccd.edu.

### KINE-09 Adaptive Physical Education

1.0 units: 54.0 hours lab.

Advisory: Student must provide medical verification of disability and recommendation of medical intervention. This course is a continuing program of individualized instruction for the physically disabled student allowing that student long-range participation in an adapted exercise physiology environment designed to create more physical independence for the student.

#### Online

42803 Huddleston, A Online

Comments: Section 42803 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: huddleston.a@mccd.edu.

### KINE-13 Beginning Basketball

1.0 units: 54.0 hours lab.

Advisory: Good general health; absence of medical conditions that would prevent planned physical activity. This course offers the beginning student the opportunity to develop and improve fundamental skills involved in basketball, such as, ball handling, shooting, defensive and offensive tactics, and physical endurance. It also covers team strategy and play. Rules, strategy, and sportsmanship are also stressed.

#### Online

41330 Huddleston, A Online

Comments: Section 41330 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at huddleston.a@mccd.edu.

### KINE-14 Beginning Volleyball

1.0 units: 54.0 hours lab.

Advisory: Good general health; absence of medical conditions that would prevent planned physical activity. This course begins with the basic skills and court positions necessary to enjoy the sport. Each class session begins with warm-up exercises and "dry-land" drills. Skill period ends with class participation in a volleyball match.

#### Online

46303 Serna, R Online

Comments: Section 46303 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: serna.r@mccd.edu.

### KINE-16 Football-Offensive Development

1.0 units: 54.0 hours lab.

Good general health; absence of medical conditions that would prevent planned physical activity. This course offers the student the opportunity to develop and improve the fundamental skills involved in football, such as passing, receiving, kicking, blocking (with the aid of blocking dummies), team play and strategy. Rules and class competition will also be included.

#### Online

41331 Casey, R Online

Comments: Section 41331 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: casey.r@mccd.edu.

### KINE-20 Aqua Aerobics

1.0 units: 54.0 hours lab.

Good general health; absence of medical conditions that would prevent planned physical activity. This course is designed to improve cardiorespiratory fitness, muscular fitness, and flexibility. Exercises are performed in the pool to add resistance and minimize impact on bones and joints. Non-swimmers and swimmers will benefit from this course.

#### Merced Campus

41332 MWF 09:00a-09:50a Halpin, W ATHL-POOL  
Comments: Section 41332 requires pool participation.

### KINE-24 Work Experience in Kinesiology

1.0 units: .

Advisory: Previously taken ENGL-85A or ENGL-85AC is advised.

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

43300 - McCall, S

### KINE-24A Beginning Swimming

1.0 units: 54.0 hours lab.

Limitation on Enrollment: Good general health; absence of medical conditions that would prevent planned physical activity. This course is a general introduction to swimming and aquatics. It is designed for the beginner or non-swimmer who wants to learn aquatic fundamentals and receive stroke instruction in the front crawl, elementary backstroke, and sidestroke.

#### Merced Campus

49304 MWF 10:00a-11:50a Halpin, W ATHL-POOL  
Comments: Section 49304 is held from 08/17/20 to 10/16/20. Section 49304 requires pool participation.



**KINE-24B Techniques and Stroke Development for Swimming**

1.0 units: 54.0 hours lab.

Advisory: Previously taken KINE-24A is advised.

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**

41333 MWF 08:00a-08:50a Halpin, W ATHL-POOL

Comments: Section 41333 will require pool participation.

**KINE-24C Swimming for Fitness**

1.0 units: 54.0 hours lab

Advisory: Previously taken KINE-24B is advised.

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**

41334 TTh 09:30a-10:50a Halpin, W ATHL-POOL

Comments: Section 41334 will require pool participation.

**KINE-30 Group Exercise**

1.0 units: 54.0 hours lab.

Limitation on Enrollment: Good general health; absence of medical conditions that would prevent planned physical activity. This course uses a variety of group exercise to improve cardiorespiratory fitness, muscular fitness, and flexibility. Strenuous physical activity is required. Good general health advised.

**Online**

41335 Cruz, O Online

Comments: Section 41335 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: cruz.o@mccd.edu.

**KINE-31 Aerobic Training**

1.0 units: 54.0 hours lab.

Limitation on Enrollment: Good general health; absence of medical conditions that would prevent planned physical activity. This class uses a variety of aerobic activities to improve cardio-respiratory endurance. 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.

**Online**

41337 Cruz, O Online

Comments: Section 41337 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: cruz.o@mccd.edu.

41338 McGhee, S Online

Comments: Section 41338 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: no instructor assigned to this class at this time.

77253 Mendes, D Online

Comments: CONTACT: mendes.d@mccd.edu Section 77253 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**KINE-32 Circuit Weight Training**

1.0 units: 54.0 hours lab.

Limitation on Enrollment: Good general health; absence of medical conditions that would prevent planned physical activity. The equipment (single station exercise machines) and routine utilized in the fitness lab are designed to exercise all major muscle groups for a well-rounded fitness program with the non-athletic in mind. 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.

**Online**

41339 Cruz, O Online

Comments: Section 41339 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: cruz.o@mccd.edu.

41340 Huddleston, A Online

Comments: Section 41340 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: huddleston.a@mccd.edu.

41341 Serna, R Online

Comments: Section 41341 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: serna.r@mccd.edu.

41343 Cruz, O Online

Comments: Section 41343 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: cruz.o@mccd.edu.

41344 Huddleston, A Online

Comments: Section 41344 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: huddleston.a@mccd.edu.

**Online**

49340 Kelly, P Online

Comments: Section 49340 is held from 09/28/20 to 11/13/20. Section 49340 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: kelly.p@mccd.edu.

**KINE-33 Weight Training**

1.0 units: 54.0 hours lab.

Limitation on Enrollment: Good general health; absence of medical conditions that would prevent planned physical activity. An open laboratory experience for those people who desire an individualized strength program using a combination of exercise machines and free weights. 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.

**Online**

41348 Huddleston, A Online

Comments: Section 41348 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: huddleston.a@mccd.edu.

41349 Devine, N Online

Comments: Section 41349 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: devine.n@mccd.edu.

41351 Kelly, P Online

Comments: Section 41351 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please





- contact the instructor at: kelly.p@mccd.edu.
- 41352 Kelly, P Online  
Comments: Section 41352 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: kelly.p@mccd.edu.
- 41354 Severo, S Online  
Comments: Section 41354 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: severo.s@mccd.edu.
- 41355 Severo, S Online  
Comments: Section 41355 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: severo.s@mccd.edu.
- 77255 Zuniga, D Online  
Comments: CONTACT: zuniga.d@mccd.edu Section 77255 will be offered remotely and has a web component requiring internet access; additional fees may apply.

### KINE-35 Flexibility and Cardiovascular Fitness

2.0 units: 108.0 hours lab.

Limitation on Enrollment: Good general health; absence of medical conditions that would prevent planned physical activity. Practical applications of all aspects of flexibility and cardiovascular conditioning are presented and performed. 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

- 42033 Casey, J Online  
Comments: Section 42033 is held from 08/17/20 to 12/18/20. CONTACT: casey.j@mccd.edu.
- 42034 Devine, N Online  
Comments: Section 42034 is held from 08/17/20 to 12/18/20. CONTACT devine.n@mccd.edu.
- 42035 Casey, R Online  
Comments: Section 42035 is held from 08/17/20 to 12/18/20. CONTACT: casey.r@mccd.edu.
- 42036 Casey, J Online  
Comments: Section 42036 is held from 08/17/20 to 12/18/20. CONTACT: mcall.s@mccd.edu.
- 42040 Devine, N Online  
Comments: Section 42040 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: devine.n@mccd.edu.
- 72091 Talley, E Online  
Comments: CONTACT: emily.talley@mccd.edu
- 72093 Talley, E Online  
Comments: Section 72093 has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: emily.talley@mccd.edu

### KINE-36 Walking for Fitness Conditioning and Flexibility

1.0 units: 54.0 hours lab.

Limitation on Enrollment: Good general health; absence of medical conditions that would prevent planned physical activity. This course is designed to improve cardiovascular efficiency, flexibility and strength through the use of walking and related activities. Students will use the latest techniques to improve walking performance.

#### Online

- 41356 Kelly, P Online  
Comments: Section 41356 will be offered remotely and has a web component requiring internet access; additional fees may

apply. For further information regarding this course, please contact the instructor at: kelly.p@mccd.edu.

### KINE-41 Tennis

1.0 units: 54.0 hours lab.

Limitation on Enrollment: Good general health; absence of medical conditions that would prevent planned physical activity. This course teaches basic skills of tennis including gripping the racket, body positioning, foot work, swing and follow through. Emphasis is placed on forehand, backhand, and the serve fundamentals. Drills and actual game participation are emphasized. History, rules, scoring and tennis etiquette are also taught.

#### Online

41357

Devine, N Online

Comments: Section 41357 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: devine.n@mccd.edu.

### Landscape Horticulture (LAND)

#### LAND-10A Plant Identification and Usage: Fall

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-85A or ENGL-85AC is advised.

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 fall of the year.

#### Merced Campus

31023

- Valladao, E

S 10:30a-01:20p Valladao, E PS-NURS  
Comments: Section 31023 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: elaine.valladao@mccd.edu.

#### LAND-11 Elements of Landscape Horticulture

3.0 units: 36.0 hours lec, 54.0 hours lab

Advisory: Previously taken ENGL-85A or ENGL-85AC and MATH-80 is advised.

This is a course in the study of landscape horticulture with emphasis on nursery operations, landscaping, turf management, and floral industries. Topics include basic botany, cultural practices, propagation, structures and layout, pest management, planting, container gardening and houseplants, floral design, plant identification, turf grass installation and care, and survey of career opportunities.

#### Merced Campus

36012

- Armenta, E

TTh 06:30p-07:45p Armenta, E PS-2  
Comments: Section 36012 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: elias.armenta@mccd.edu.

#### LAND-16 Plant Propagation

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E and MATH-80 is advised.

This course teaches the principles of sexual and asexual propagation, seeding, cuttings, grafting, budding, and layering. The student will also be exposed to dedicated plant structures relating to propagation, specialized propagation media and rooting aids.

#### Merced Campus



31012 - Codd, A  
TTh 11:30a-12:45p Codd, A PS-1  
Comments: Section 31012 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [andrew.codd@mccd.edu](mailto:andrew.codd@mccd.edu).

## LAND-24 Work Experience in Landscape Horticulture

1.0 units: .

Advisory: Previously taken ENGL-85A or ENGL-85AC is advised.

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

31027 - 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 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."

31028 - 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 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."

## Learning Resources (LRNR)

### LRNR-30 Information Competency in the Electronic Age

3.0 units: 54.0 hours lec

Advisory: Previously taken ENGL-85A or ENGL-85AC and AOM-50B, keyboard at a minimum rate of 25 wpm at 95% accuracy is advised.

This course is designed to introduce students to library research concepts, skills and resources. Course work will include information and digital literacy, research methods, and consideration of social, ethical and legal implications of information use. The student will learn the concepts and skills for successful research at the college level.

### Online

62700 Bullock, K Online

## Liberal Studies (LBST)

### LBST-10 Introduction to Education I

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-01A, AOM-30, and MATH-81 is advised.

Limitation on Enrollment: Students must obtain a fingerprint clearance and negative TB clearance. 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.

### Online

22022 Pimentel, M Online  
Comments: Section 22022 is an online and requires three additional lab hours per week. MANDATORY PROGRAM ORIENTATION: Friday, August 14; 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>

22023 Pimentel, M Online  
Comments: Section 22023 is an online and requires three additional lab hours per week. MANDATORY PROGRAM ORIENTATION: Friday, August 14; 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>

### 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;

Limitation on Enrollment: Students must obtain a fingerprint clearance and a negative TB clearance. 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

22024 Pimentel, M Online  
Comments: Section 22024 is an online and requires three additional lab hours per week. MANDATORY PROGRAM ORIENTATION: Friday, August 14; 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>



**LBST-24 Work Experience in Education**

1.0 units:

Advisory: Previously taken ENGL-85A or ENGL-85AC is advised.

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**

23157 - Cabezut-Ortiz, D

Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for LBST 24, Work Experience in Liberal Studies 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 Liberal Studies (Teacher Preparation) and whose work is related to the Liberal Studies major. This course requires completion of 60 volunteer or 75 paid hours.

23158 - Cabezut-Ortiz, D

Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for LBST 24, Work Experience in Liberal Studies 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 Liberal Studies (Teacher Preparation) and whose work is related to the Liberal Studies major. This course requires completion of 120 volunteer or 150 paid hours.

23159 - Cabezut-Ortiz, D

Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for LBST 24, Work Experience in Liberal Studies, must have a paid or volunteer work position in place at the time of registration. This 3 unit course is designed for students majoring in Liberal Studies (Teacher Preparation) and whose work is related to the Liberal Studies major. This course requires completion of 180 volunteer or 225 paid hours.

23160 - Cabezut-Ortiz, D

Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for LBST 24, Work Experience in Liberal Studies, must have a paid or volunteer work position in place at the time of registration. This 4 unit course is designed for students majoring in Liberal Studies (Teacher Preparation) and whose work is related to the Liberal Studies major. This course requires completion of 240 volunteer or 300 paid hours.

**Los Banos Campus**

73189 - Cates, K

Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for LBST 24, Work Experience in Liberal Studies, 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 Liberal Studies (Teacher Preparation) and whose work is related to the Liberal Studies major. This course requires completion of 60 volunteer or 75 paid hours.

73190 - Cates, K

Comments: This class has a required orientation. Please

visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for LBST 24, Work Experience in Liberal Studies, 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 Liberal Studies (Teacher Preparation) and whose work is related to the Liberal Studies major. This course requires completion of 120 volunteer or 150 paid hours.

73191 - Cates, K

Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for LBST 24, Work Experience in Liberal Studies, must have a paid or volunteer work position in place at the time of registration. This 3 unit course is designed for students majoring in Liberal Studies (Teacher Preparation) and whose work is related to the Liberal Studies major. This course requires completion of 180 volunteer or 225 paid hours.

73192 - Cates, K

Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for LBST 24, Work Experience in Liberal Studies, must have a paid or volunteer work position in place at the time of registration. This 4 unit course is designed for students majoring in Liberal Studies (Teacher Preparation) and whose work is related to the Liberal Studies major. This course requires completion of 240 volunteer or 300 paid hours.

**LBST-30 Children's Literature**

3.0 units: 54.0 hours lec.

Prerequisite: Take ENGL-01A Minimum grade C,P;

This course is designed for prospective and current teachers who wish to acquire in-depth knowledge about the selection and use of children's literature in the K-8 classroom. The students will explore school district policies regarding literature selection and different genres, including, but not limited to, culturally diverse graphic novels, picture and story books, folklore and folktales, young adult literature, non-fiction such as biographies, math and science materials. Students will analyze literature for structural and organizational features.

**Online**

22030 Pimentel, M Online

**Management (MGMT)****MGMT-31 Principles of Management**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85A ANDL-85AC or ENGL-85E is advised.

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.

**Online**

31550 Casey, R Online

Comments: Section 31550 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: casey.r@mccd.edu





**MGMT-32 Human Resource Management**

3.0 units: 54.0 hours lec.

Advisory: Previously taken AOM-30 and ENGL-85A ENGL-85AC or ENGL-85E is advised.

This course involves the study of the principles and methods involved in effective human resource utilization in organizations. It provides an overview of responsibilities and practices involved in recruiting, selecting, promoting, terminating and retiring employees, performance appraisal, job development and analysis, wage and salary administration, and effective working relationships.

**Online**

36550 Zdanowski, M Online

Comments: Section 36550 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: zdanowski.m@mccd.edu

**MGMT-50B Values & Ethics**

0.5 units: 9.0 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.

**Online**

37600 Pistoresi, P Online

Comments: Section 37600 is held 12/03/20 and 12/17/20. Section 37600 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: ppistoresi@mccd.edu

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

0.5 units: 9.0 hours lec.

This course is designed to introduce the student to decision making and problem solving techniques including brainstorming, creativity in the workplace, how to find new perspectives, and seeking alternatives. Pass/No Pass only.

**Online**

37603 Pistoresi, J Online

Comments: Section 37603 is held 09/17/20 to 10/01/20. Section 37603 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: pistoresi.j@mccd.edu

39551 Pistoresi, J Online

Comments: Section 39551 is held 09/08/20 to 09/22/20. Section 39551 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: pistoresi.j@mccd.edu

**MGMT-50H Customer Service**

0.5 units: 9.0 hours lec.

This course is designed to provide the student with key skills and attitudes in order to effectively meet the needs of customers. 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 both internal and external customer service. Pass/No Pass only.

**Online**

39553 Pistoresi, J Online

Comments: Section 39553 is held 10/20/20 to 11/03/20. Section 39553 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: pistoresi.j@mccd.edu

**MGMT-50N Employee Engagement**

0.5 units: 9.0 hours lec.

This course will define what Employee Engagement is and what it looks like in the workplace. Participants will learn the difference between engaged, disengaged, and actively disengaged employees and how they impact the workplace. Participants will learn five key ways to engage employees. They will learn strategies to implement to help keep employees engaged. Participants will also learn how to re-engage disengaged employees.

**Online**

37605 Pistoresi, J Online

Comments: Section 37605 is held 09/03/20 and 09/17/20. Section 37605 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: pistoresi.j@mccd.edu

**MGMT-50S Leading With Your Strengths**

0.5 units: 9.0 hours lec.

This course will help students understand their unique strengths and how applying their Strengths can give them their best opportunity for success. Through the CliftonStrengthsfinder assessment, students will learn strategies to apply their Strengths in the workplace and in everyday life. Students will also learn how to recognize the Strengths of others and how to apply this knowledge to help teams work effectively together. Pass/No Pass only.

**Online**

37608 Pistoresi, J Online

Comments: Section 37608 is held 11/05/20 and 11/19/20. Section 37608 requires the purchase of the book Strengthsfinder 2.0 and take the on-line assessment referenced in the back of the book. Students will need to print out the assessment reports and bring to class on the first day. Students may not purchase a used book. Section 37608 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: pistoresi.j@mccd.edu

**MGMT-50U Unconscious Bias Reduction in Workplace**

0.5 units: 9.0 hours lec.

This course investigates the attitudes and behaviors formed around unconscious bias. Unconscious bias affects human understanding and decisions in an implicit manner. Students will study various forms of bias including gender, racial, and occupational bias. They will look at the influence of diversity, culture and the significance of ingroup, out group, privilege and equity. Emphasis is place on creating connection in organizations and communities through research and diverse conversations.

**Online**

32870 Cochran, N Online

Comments: Section 32870 will be held 10/08/20 to 10/22/2020. Section 32870 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: Nicole Cochran at nicole.cochran@mccd.edu Last day to Register is 10/15/2020.

**MGMT-51C Leadership Essentials: What Emerging Leaders Need to Know**

0.5 units: 9.0 hours lec.

This course is designed to acquaint the student with the essential things new and emerging leaders need to know. The roles, functions and responsibilities of a leader will be examined, as well as professionalism, coaching and mentoring. Pass/No Pass only.

**Online**

37611 Pistoresi, P Online

Comments: Section 37611 is held 10/01/20 and 10/15/20. Section 37611 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further





information regarding this course, please contact the instructor at: [ppistoresi@mccd.edu](mailto:ppistoresi@mccd.edu)

### MGMT-51F Conflict Resolution

0.5 units: 9.0 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.

#### Online

37614 Pistoiresi, J Online

Comments: Section 37614 is held 08/20/20 and 09/03/20. Section 37614 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [pistoresi.j@mccd.edu](mailto:pistoresi.j@mccd.edu)

39554 Pistoiresi, J Online

Comments: Section 39554 is held 11/10/20 to 11/24/20. Section 39554 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [pistoresi.j@mccd.edu](mailto:pistoresi.j@mccd.edu)

### MGMT-51G Stress Management & Counseling

0.5 units: 9.0 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.

#### Online

39552 Pistoiresi, J Online

Comments: Section 39552 is held 09/29/20 to 10/13/20. Section 39552 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [pistoresi.j@mccd.edu](mailto:pistoresi.j@mccd.edu)

### MGMT-52D Managing Organizational Change

0.5 units: 9.0 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.

#### Online

37616 Pistoiresi, J Online

Comments: Section 37616 is held 10/22/20 and 11/05/20. Section 37616 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [pistoresi.j@mccd.edu](mailto:pistoresi.j@mccd.edu)

### MGMT-52H The Science of Happiness: the Connection

0.5 units: 9.0 hours lec.

This course will explore why happiness matters and how to increase it within yourself, among colleagues, and across your organization. The course will look at actionable strategies for boosting happiness at work, leading to better performance, innovation, higher productivity and well-being.

#### Online

37623 Pistoiresi, J Online

Comments: Section 37623 is held 11/16/20 to 12/07/20. Section 37623 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [pistoresi.j@mccd.edu](mailto:pistoresi.j@mccd.edu)

### MGMT-52N Fuel Your Body for Success

0.5 units: 9.0 hours lec.

This course focuses on how healthy eating and quality sleep can help your energy level, work performance, and overall health. Students will have an opportunity to evaluate their own eating and sleep habits and strategize on how to make improvements. The subjects of microbiome/gut health, meal planning and creating a healthy work environment will also be presented. This course is recommended for Nutrition and Foods majors and individuals wanting improve their health, productivity, and well-being.

#### Online

37622 Hobbs, J Online

Comments: Section 37622 is held 10/26/20 to 11/09/20. Section 37622 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [jennifer.hobbs@mccd.edu](mailto:jennifer.hobbs@mccd.edu)

### MGMT-52R Building Resilience: Essential Skills

0.5 units: 9.0 hours lec.

This course offers strategies for building resilience to stress and strengthening our well-being in the face of challenges at work. The practice of Mindfulness will be covered as well as an exploration of how resilient mental habits are foundational to well-being and productivity in the workplace.

#### Online

37621 Pistoiresi, J Online

Comments: Section 37621 is held 10/05/20 to 10/19/20. Section 37621 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [pistoresi.j@mccd.edu](mailto:pistoresi.j@mccd.edu)

### MGMT-52W Foundations of Well Being in Workplace

0.5 units: 9.0 hours lec.

This course will cover the foundations of Well-Being in the workplace and will explore the relationship between employee Well-Being and how it ties in with employee engagement, productivity, customer service and team work. The course will cover the essential elements of Well-Being including gratitude and career, social, financial, emotional, physical, and community Well-Being. Strategies will be introduced to increase Well-Being.

#### Online

37620 Pistoiresi, J Online

Comments: Section 37620 is held 09/14/20 to 09/28/20. Section 37620 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [pistoresi.j@mccd.edu](mailto:pistoresi.j@mccd.edu)

## Marketing (MKTG)

### MKTG-30 Principles of Marketing

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85A or ENGL-85AC and BUS-10 is advised.

This course provides a broad understanding of the promoting, pricing, and distribution of products and services. Promotional mixes are studied including sales promotion, advertising, packaging, personal selling, public relations, and publicity. A study is made of understanding customer needs and behaviors; developing a product and/or service mix to satisfy customer needs, and profitability. Legal, political, cultural, social, economic, competitive, and ethical aspects of marketing are discussed.

#### Online

36552 Skunca, J Online

Comments: Section 36552 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [joshua.skunca@mccd.edu](mailto:joshua.skunca@mccd.edu)



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

**Mathematics (MATH)****MATH-02 Precalculus**

4.0 units: 72.0 hours lec.

Prerequisite: Previously taken MATH-25 and passed with minimum grade of C,P. OR Concurrently enrolled in MATH-95P.

Advisory: Previously taken ENGL-85A, ENGL-85AC, or ENGL-85E is advised.

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.

**Online**

- 11072 Navarro, I Online  
Comments: Section 11072 will be offered remotely and has a web component requiring internet access; additional fees may apply. Section 11072 requires students to register for MATH-95P-11119. For further information regarding this course, please contact the instructor at: [ivan.navarro@mccd.edu](mailto:ivan.navarro@mccd.edu).
- 12707 Gargova, S Online  
Comments: Section 12707 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [gargova.s@mccd.edu](mailto:gargova.s@mccd.edu).
- 12708 Mitchell, P Online  
Comments: Section 12708 will be offered remotely and has a web component requiring internet access; additional fees may apply. Students must successfully complete the orientation module in Canvas by August 21, 2020, in order to remain enrolled in the class. For further information regarding this course, please contact the instructor at: [patrick.mitchell@mccd.edu](mailto:patrick.mitchell@mccd.edu).
- 16026 Radhakrishnan, D Online  
Comments: Section 16026 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [deepa.radhakrishnan@mccd.edu](mailto:deepa.radhakrishnan@mccd.edu).
- 19001 Mitchell, P Online  
Comments: Section 19001 is held from 10/19/20 to 12/17/20. Section 19001 requires students to register for MATH-25-19005 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Students must successfully complete the orientation module in Canvas by October 21, 2020, in order to remain enrolled in the class. For further information regarding this course, please contact the instructor at: [patrick.mitchell@mccd.edu](mailto:patrick.mitchell@mccd.edu).
- 74617 Shumaker, N Online  
Comments: CONTACT: [nicholas.shumaker@mccd.edu](mailto:nicholas.shumaker@mccd.edu) Section 74617 requires students to register for MATH-95P-74621. Section 74617 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**MATH-04A Calculus I**

4.0 units: 72.0 hours lec.

Prerequisite: Take MATH-02 or MATH-02H; Minimum grade C,P;

Advisory: Previously taken ENGL-01A is advised.

This course covers limits, continuity, differentiation and integration of algebraic and trigonometric functions along with their respective applications.

**Online**

- 11073 Reali, J Online  
Comments: Section 11073 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [jofawna.reali@mccd.edu](mailto:jofawna.reali@mccd.edu).
- 11074 Bruley, M Online  
Comments: Section 11074 will be offered remotely and has a

web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [bruley.m@mccd.edu](mailto:bruley.m@mccd.edu).

- 11075 Reali, J Online  
Comments: Section 11075 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [jofawna.reali@mccd.edu](mailto:jofawna.reali@mccd.edu).
- 11076 Reali, J Online  
Comments: Section 11076 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [jofawna.reali@mccd.edu](mailto:jofawna.reali@mccd.edu).
- 12003 Albert, M Online  
Comments: CONTACT: [maria.albert@mccd.edu](mailto:maria.albert@mccd.edu) COMMENTS: Section 12003 is a fully online course with no on-campus meetings and has a web component requiring internet access and a web camera; additional fees may apply.
- 74623 Navarro, I Online  
Comments: CONTACT: [ivan.navarro@mccd.edu](mailto:ivan.navarro@mccd.edu) Section 74623 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**MATH-04B Calculus II**

4.0 units: 72.0 hours lec.

Prerequisite: Take MATH-04A Minimum grade C,P;

Advisory: Previously taken ENGL-01A is advised.

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.

**Online**

- 11077 Saad, B Online  
Comments: Section 11077 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [bassem.saad@mccd.edu](mailto:bassem.saad@mccd.edu).
- 11078 Saad, B Online  
Comments: Section 11078 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [bassem.saad@mccd.edu](mailto:bassem.saad@mccd.edu).
- 16027 Swenson, D Online  
Comments: Section 16027 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [daniel.swenson@mccd.edu](mailto:daniel.swenson@mccd.edu).

**MATH-04C Multivariable Calculus**

4.0 units: 72.0 hours lec.

Prerequisite: Take MATH-04B Minimum grade C,P;

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

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.

**Online**

- 11079 Reali, J Online  
Comments: Section 11079 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: [jofawna.reali@mccd.edu](mailto:jofawna.reali@mccd.edu).
- 74627 Shumaker, N Online  
Comments: CONTACT: [nicholas.shumaker@mccd.edu](mailto:nicholas.shumaker@mccd.edu) Section 74627 will be offered remotely and has a web component requiring internet access; additional fees may apply.



**MATH-06 Elementary Differential Equations**

3.0 units: 54.0 hours lec.

Prerequisite: Take MATH-04C. Minimum grade C,P.

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E and MATH-08 is advised.

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.

**Online**

11081 Sutterfield, M Online

Comments: Section 11081 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: mark.sutterfield@mccd.edu.

**MATH-07 Discrete Structures**

3.0 units: 45.0 hours lec, 27.0 hours lab.

Prerequisite: Take CPSC-06 or CPSC-14 or ENGR-14; Take MATH-04A; Minimum Grade C, P;

This course is an introduction to the discrete structures used in Computer Science with an emphasis on their applications. Topics covered include: functions and recursion, relations and sets; basic logic; proof techniques; basics of counting; graphs and trees; and discrete probability.

**Online**

11534 Hogan, G Online

Comments: Section 11534 lecture will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: gregory.hogan@mccd.edu.

**MATH-08 Linear Algebra**

3.0 units: 54.0 hours lec.

Prerequisite: Take MATH-04B. Minimum grade C,P;

Advisory: Previously taken ENGL-01A is advised.

This course is an introduction to systems of linear equations, matrices, determinants, vector spaces, linear transformations, eigenvalues and eigenvectors with a strong emphasis on applications.

**Online**

11082 Sutterfield, M Online

Comments: Section 11082 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: mark.sutterfield@mccd.edu.

**MATH-10 Elementary Statistics**

3.0 units: 54.0 hours lec.

Prerequisite: Previously taken MATH-C or MATH-D or MATH-88 or MATH-61 or MATH-62 and passed with a minimum grade of C OR Concurrently enrolled in MATH-95S;

Advisory: Previously taken ENGL-85A, ENGL-85AC, or ENGL-85E is advised.

This course covers descriptive statistics, including organization and presentation of data; elementary probability including permutations, combinations, binomial and normal distributions; inferential statistics, including random sampling, hypothesis testing, regression, and correlation and chi-square distribution.

**Online**

11083 Diaz, L Online

Comments: Section 11083 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please

contact the instructor at: lisa.diaz@mccd.edu.

11084 Chew, K Online

Comments: Section 11084 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: kyle.chew@mccd.edu.

11085 Diaz, L Online

Comments: Section 11085 will be offered remotely and has a web component requiring internet access; additional fees may apply. Section 11085 requires students to register for MATH-95S-11120. For further information regarding this course, please contact the instructor at: lisa.diaz@mccd.edu.

11086 Sutterfield, M Online

Comments: Section 11086 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: mark.sutterfield@mccd.edu.

11087 Dawson, C Online

Comments: Section 11087 requires students to register for MATH-95S-11121. Section 11087 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: dawson.c@mccd.edu.

11088 Bruley, M Online

Comments: Section 11088 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: bruley.m@mccd.edu.

11089 Martrous, B Online

Comments: Section 11089 will be offered remotely and has a web component requiring internet access; additional fees may apply. Section 11089 requires students to register for MATH-95S-11122. For further information regarding this course, please contact the instructor at: bernadet.martrous@mccd.edu.

11090 Diaz, L Online

Comments: Section 11090 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: lisa.diaz@mccd.edu.

11091 Swenson, D Online

Comments: Section 11091 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: daniel.swenson@mccd.edu.

11092 Malekzadeh, B Online

Comments: Section 11092 will be offered remotely and has a web component requiring internet access; additional fees may apply. Section 11092 requires students to register for MATH-95S-11124. For further information regarding this course, please contact the instructor at: malekzadeh.b@mccd.edu.

11093 Brooke, B Online

Comments: Section 11122 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: brooke.b@mccd.edu.

11095 Rieg, K Online

Comments: Section 11095 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: kristen.rieg@mccd.edu.

11096 Lor, T Online

Comments: Section 11096 will be offered remotely and has a web component requiring internet access; additional fees may apply. Section 11096 requires students to register for MATH-95S-11123. For further information regarding this course, please contact the instructor at: tou.lor@mccd.edu.

11097 Bruley, M Online

Comments: Section 11097 will be offered remotely and has a web component requiring internet access; additional fees may





		apply. For further information regarding this course, please contact the instructor at: bruley.m@mccd.edu.
11144	Brooke, B	Online Comments: Section 11144 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: brooke.b@mccd.edu.
12711	Clark, J	Online Comments: Section 12711 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: clark.j@mccd.edu.
12712	Bruley, M	Online Comments: Section 12712 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: bruley.m@mccd.edu.
12805	Albert, M	Online Comments: CONTACT: maria.albert@mccd.edu COMMENTS: Section 12805 is held from 08/17/20 to 09/25/20. Section 12805 will be offered remotely and has a web component requiring internet access; additional fees may apply. Section 12805 requires students to register for MATH-95S-12806.
12809	Diaz, L	Online Comments: CONTACT: lisa.diaz@mccd.edu COMMENTS: Section 12809 is held from 11/09/20 to 12/18/20. Section 12809 will be offered remotely and has a web component requiring internet access; additional fees may apply. Section 12809 requires students to register for MATH-95S-12810.
16029	Mohan, R	Online Comments: Section 16029 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: mohan.r@mccd.edu.
19002	Chew, K	Online Comments: Section 19002 is held from 09/08/20 to 12/10/20. Section 19002 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: kyle.chew@mccd.edu.
19004	Swenson, D	Online Comments: Section 19004 will be offered remotely and has a web component requiring internet access; additional fees may apply. Section 19004 is held from 10/12/20 to 12/16/20. For further information regarding this course, please contact the instructor at: daniel.swenson@mccd.edu.
72863	Geyer, J	Online Comments: CONTACT: jason.geyer@mccd.edu Section 72863 is held from 08/17/20 to 10/15/20. Section 72863 requires students to register for MATH-95S-72873.
72865	Geyer, J	Online Comments: CONTACT: jason.geyer@mccd.edu Section 72865 is held from 10/19/20 to 12/18/20. Section 72865 requires students to register for MATH-95S-72875.
74605	Schlinger, C	Online Comments: CONTACT: schlinger.c@mccd.edu Section 74605 will be offered remotely and has a web component requiring internet access; additional fees may apply.
74607	Schlinger, C	Online Comments: CONTACT: schlinger.c@mccd.edu Section 74607 requires students to register for MATH-95S-74611. Section 74607 will be offered remotely and has a web component requiring internet access; additional fees may apply.
79061	Schlinger, C	Online Comments: CONTACT: schlinger.m@mccd.edu Section 79061 is held from 09/28/20 to 11/13/20. Section 79061 will be offered remotely and has a web component requiring internet access; additional fees may apply.
79063	Schlinger, C	Online Comments: CONTACT: schlinger.m@mccd.edu Section 79063

is held from 09/28/20 to 12/18/20. Section 79063 requires students to register for MATH-95S-79065. Section 79063 will be offered remotely and has a web component requiring internet access; additional fees may apply.

### MATH-15 Finite Mathematics

3.0 units: 54.0 hours lec.  
Prerequisite: Take MATH-C or MATH-61 or MATH-62, Minimum grade C,P;  
Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

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.

#### Online

11099 Diaz, L Online  
Comments: Section 11099 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: lisa.diaz@mccd.edu.

12721 Diaz, L Online  
Comments: Section 12721 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: lisa.diaz@mccd.edu.

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

3.0 units: 54.0 hours lec.  
Prerequisite: Take MATH-C or MATH-D or MATH-61 or MATH-62. Minimum grade C,P;  
Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

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.

#### Online

11100 Lor, T Online  
Comments: Section 11100 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: tou.lor@mccd.edu.

12004 Real, J Online  
Comments: Section 12004 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: jofawna.real@mccd.edu.

12722 Mitchell, P Online  
Comments: Section 12722 will be offered remotely and has a web component requiring internet access; additional fees may apply. Students must successfully complete the orientation module in Canvas by August 21, 2020, in order to remain enrolled in the class. For further information regarding this course, please contact the instructor at: patrick.mitchell@mccd.edu.

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

3.0 units: 54.0 hours lec.  
Prerequisite: Take MATH-C MATH-D MATH-61 or MATH-62, Minimum grade C,P;  
Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E and MATH-20A is advised.

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.

**Online**

- 16034 Mohan, R Online  
Comments: Section 16034 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: mohan.r@mccd.edu.
- 74591 Bryan, J Online  
Comments: CONTACT: james.bryan@mccd.edu Section 74591 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**MATH-25 Trigonometry**

3.0 units: 54.0 hours lec.

Prerequisite: Take MATH-C or MATH-61; Minimum grade C,CR;  
Advisory: Previously taken ENGL-83E ENGL-85A ENGL-85AC or

ENGL-85E is advised.

This course is a review of right triangle geometry, real numbers, functions and graphs, trigonometric functions and their graphs, identities, inverse trigonometry functions, solve trigonometric equations, solve right triangles, solve triangles using the Law of Sines, and Law of Cosines.

**Online**

- 11102 Gargova, S Online  
Comments: Section 11102 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: gargova.s@mccd.edu.
- 11103 Hogan, G Online  
Comments: Section 11103 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: gregory.hogan@mccd.edu.
- 12812 Sutterfield, M Online  
Comments: CONTACT: mark.sutterfield@mccd.edu COMMENTS: Section 12812 is held from 10/19/20 to 12/18/20. Section 12812 will be offered remotely and has a web component requiring internet access; additional fees may apply.
- 16035 Malekzadeh, B Online  
Comments: Section 16035 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: malekzadeh.b@mccd.edu.
- 16036 Hogan, G Online  
Comments: Section 16036 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: gregory.hogan@mccd.edu.
- 19005 Mitchell, P Online  
Comments: COMMENTS: Section 19005 is held from 08/17/20 to 10/14/20. Section 19005 requires students to register for MATH-02-19001 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Students must successfully complete the orientation module in Canvas by August 19, 2020, in order to remain enrolled in the class. For further information regarding this course, please contact the instructor at: patrick.mitchell@mccd.edu.
- 74585 Bryan, J Online  
Comments: CONTACT: james.bryan@mccd.edu Section 74585 will be offered remotely and has a web component requiring internet access; additional fees may apply..

**MATH-26 College Algebra for Liberal Arts**

3.0 units: 54.0 hours lec.

Prerequisite: Take MATH-C or MATH-61 or MATH-62, Minimum grade C,P;

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

This is a college level course in algebra for majors in the Liberal Arts. The course will cover topics on functions, including polynomial, rational, radical, exponential, absolute value, and logarithmic functions. Solving various types of equations, linear systems, and their applications for problem solving will also be discussed.

**Online**

- 12715 Rieg, K Online  
Comments: Section 12715 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: kristen.rieg@mccd.edu.

**MATH-61 Beginning & Intermediate Algebra for STEM**

6.0 units: 108.0 hours lec.

Prerequisite: Take MATH-80; Minimum grade C,P;

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

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.

**Online**

- 11106 Navarro, I Online  
Comments: Section 11106 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: ivan.navarro@mccd.edu.
- 74593 Shumaker, N Online  
Comments: Section 74593 CONTACT: nicholas.shumaker@mccd.edu Section 74593 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**MATH-62 Beginning & Intermediate Algebra For Liberal Arts**

5.0 units: 90.0 hours lec.

Prerequisite: Take MATH-80; Minimum grade C,P;

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

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.

**Online**

- 11107 Lane, J Online  
Comments: Section 11107 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: jeanne.lane@mccd.edu.
- 11108 Martrous, B Online  
Comments: Section 11108 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: bernadet.martrous@mccd.edu.



11109	Mason, C	Online	Comments: Section 11109 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: mason.c@mccd.edu.
11111	Bruley, M	Online	Comments: Section 11111 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: bruley.m@mccd.edu.
11112	Albert, M	Online	Comments: Section 11112 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: maria.albert@mccd.edu.
12006	Albert, M	Online	Comments: CONTACT: maria.albert@mccd.edu COMMENTS: Section 12006 is a fully online course with no on-campus meetings and has a web component requiring internet access and a web camera; additional fees may apply.
16038	Lane, J	Online	Comments: Section 16038 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: jeanne.lane@mccd.edu.
16039	Moua, C	Online	Comments: Section 16039 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: chai.moua@mccd.edu.
74597	Bryan, J	Online	Comments: CONTACT: james.bryan@mccd.edu Section 74597 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**MATH-80 Prealgebra**

4.0 units: 72.0 hours lec.

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.

**Online**

11113	Mendoza, K	Online	Comments: Section 11113 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: kimberly.mendoza@mccd.edu.
11114	Montoya, J	Online	Comments: Section 11114 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: montoya.j@mccd.edu.
12717	Rieg, K	Online	Comments: Section 12717 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: kristen.rieg@mccd.edu.
16040	Rivero, J	Online	Comments: Section 16040 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: john.rivero@mccd.edu.
16041	Rivero, J	Online	Comments: Section 16041 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please

contact the instructor at: john.rivero@mccd.edu.

74579	Albertson, I	Online	Comments: CONTACT: albertson.i@mccd.edu Section 74579 will be offered remotely and has a web component requiring internet access; additional fees may apply.
74581	Robinson, D	Online	Comments: CONTACT: robinson.d@mccd.edu Section 74581 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**MATH-88 Preparation for Elementary Statistics**

4.0 units: 72.0 hours lec.

Prerequisite: Take Math-80; Minimum grade C,P;

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

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.

**Online**

11117	Tenn, B	Online	Comments: Section 11117 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: brandon.tenn@mccd.edu.
11118	Rieg, K	Online	Comments: Section 11118 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: kristen.rieg@mccd.edu.
16042	Moua, C	Online	Comments: Section 16042 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: chai.moua@mccd.edu.
74601	Bryan, J	Online	Comments: CONTACT: james.bryan@mccd.edu Section 74601 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**MATH-95P PreCalculus Support**

1.0 units: 54.0 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.

**Online**

11119	Navarro, I	Online	Comments: Section 11119 will be offered remotely and has a web component requiring internet access; additional fees may apply. Section 11119 requires students to register for MATH-02-11072. For further information regarding this course, please contact the instructor at: ivan.navarro@mccd.edu.
74621	Shumaker, N	Online	Comments: CONTACT: nicholas.shumaker@mccd.edu Section 74621 will be offered remotely and has a web component requiring internet access; additional fees may apply.



**MATH-95S Statistics Support**

1.0 units: 54.0 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.

**Online**

- 11120 Diaz, L Online  
Comments: Section 11120 will be offered remotely and has a web component requiring internet access; additional fees may apply. Section 11120 requires students to register for MATH-10-11085. For further information regarding this course, please contact the instructor at: lisa.diaz@mccd.edu.
- 11121 Dawson, C Online  
Comments: Section 11121 will be offered remotely and has a web component requiring internet access; additional fees may apply. Section 11121 requires students to register for MATH-10-11087. For further information regarding this course, please contact the instructor at: chai.moua@mccd.edu.
- 11122 Martrous, B Online  
Comments: Section 11122 will be offered remotely and has a web component requiring internet access; additional fees may apply. Section 11122 requires students to register for MATH-10-11089. For further information regarding this course, please contact the instructor at: bernadet.martrous@mccd.edu.
- 11123 Lor, T Online  
Comments: Section 11123 will be offered remotely and has a web component requiring internet access; additional fees may apply. Section 11123 requires students to register for MATH-10-11096. For further information regarding this course, please contact the instructor at: tou.lor@mccd.edu.
- 11124 Malekzadeh, B Online  
Comments: Section 11124 will be offered remotely and has a web component requiring internet access; additional fees may apply. Section 11124 requires students to register for MATH-10-11092. For further information regarding this course, please contact the instructor at: malekzadeh.b@mccd.edu.
- 12806 Albert, M Online  
Comments: CONTACT: maria.albert@mccd.edu COMMENTS: Section 12806 is held from 08/17/20 to 09/25/20. Section 12806 will be offered remotely and has a web component requiring internet access; additional fees may apply. Section 12806 requires students to register for MATH-10-12805.
- 12810 Diaz, L Online  
Comments: CONTACT: lisa.diaz@mccd.edu COMMENTS: Section 12810 is held from 11/09/20 to 12/18/20. Section 12810 will be offered remotely and has a web component requiring internet access; additional fees may apply. Section 12810 requires students to register for MATH-10-12809.
- 72873 Geyer, J Online  
Comments: CONTACT: jason.geyer@mccd.edu Section 72873 is held from 08/17/20 to 10/15/20. Section 72873 requires students to register for MATH-10-72863.
- 72875 Geyer, J Online  
Comments: CONTACT: jason.geyer@mccd.edu Section 72875 is held from 10/19/20 to 12/18/20. Section 72875 requires students to register for MATH-10-72865.
- 74611 Schlinger, C Online  
Comments: CONTACT: schlinger.c@mccd.edu Section 74611 requires students to register for MATH-10-74607. Section 74611 will be offered remotely and has a web component requiring internet access; additional fees may apply.
- 79065 Schlinger, C Online  
Comments: CONTACT: schlinger.c@mccd.edu Section 79065 is held from 09/28/20 to 12/18/20. Section 79065 requires students to register for MATH-10-79063. Section 79065 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**MATH-C Intermediate Algebra**

4.0 units: 72.0 hours lec.

Prerequisite: Take MATH-A or MATH-81. Minimum grade C,P;

Advisory: Previously taken ENGL-85A or ENGL-85AC is advised. This course covers factoring, functions and graphs, solving linear, quadratic, piecewise defined, exponential, and logarithmic equations, rational expressions and equations, complex numbers, and conic sections.

**Online**

- 11125 Montoya, J Online  
Comments: Section 11125 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: montoya.j@mccd.edu.
- 11126 Saad, B Online  
Comments: Section 11126 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: bassem.saad@mccd.edu.
- 12719 Montoya, J Online  
Comments: Section 12721 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: montoya.j@mccd.edu; (209) 386-6654.
- 12720 Saad, B Online  
Comments: Section 12720 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: bassem.saad@mccd.edu.
- 16044 Mohan, R Online  
Comments: Section 16044 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: mohan.r@mccd.edu.
- 78583 Robinson, D Online  
Comments: CONTACT: robinson.d@mccd.edu Section 78583 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**Mathematics - Non-Credit (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.

**Online**

- 95062 Bell, S Online  
Comments: CONTACT: bell.s@mccd.edu COMMENTS: Section 95062 will be offered remotely and has a web component requiring internet access; additional fees may apply.
- 95071 Robinson, D Online  
Comments: CONTACT: robinson.d@mccd.edu COMMENTS: Section 95071 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**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.

**Online**

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



- 95063 Bell, S Online  
Comments: CONTACT: bell.s@mccd.edu COMMENTS: Section 95063 will be offered remotely and has a web component requiring internet access; additional fees may apply.
- 95072 Robinson, D Online  
Comments: CONTACT: robinson.d@mccd.edu COMMENTS: Section 95072 will be offered remotely and has a web component requiring internet access; additional fees may apply.

### 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.

#### Online

- 95064 Bell, S Online  
Comments: CONTACT: bell.s@mccd.edu COMMENTS: Section 95064 will be offered remotely and has a web component requiring internet access; additional fees may apply.
- 95073 Robinson, D Online  
Comments: CONTACT: robinson.d@mccd.edu COMMENTS: Section 95073 will be offered remotely and has a web component requiring internet access; additional fees may apply.

### MAT-104 College Prep Math IV: Operations on Decimals

0.0 units: 54.0 hours lec.

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.

#### Online

- 95065 Bell, S Online  
Comments: CONTACT: bell.s@mccd.edu COMMENTS: Section 95065 will be offered remotely and has a web component requiring internet access; additional fees may apply.
- 95074 Robinson, D Online  
Comments: CONTACT: robinson.d@mccd.edu COMMENTS: Section 95074 will be offered remotely and has a web component requiring internet access; additional fees may apply.

## Mechanized Agriculture (MECH)

### MECH-12 Agriculture Equipment - Fall

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: Previously taken ENGL-85AC recommended.

Advisory: Previously taken MATH-80 recommended.

This Course is a study of the use, maintenance, adjustment, calibration, and repair of the equipment commonly used in California agriculture, 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

- 31013 F 08:00a-09:50a Donovan, T MA-2  
F 10:00a-12:50p Donovan, T MA-2  
Comments: Section 31013 is held from 08/17/20 to 12/18/20. This is a Learning Community with MECH-12-31013, MECH-21-39052, MECH-22A-39004, MECH-26-39054 MECH-30-39062 and MECH-33-39068. Web Component which requires you to have internet access.
- 31014 F 08:00a-09:50a Donovan, T MA-2  
F 10:00a-12:50p Donovan, T MA-2

Comments: Web Component which will require you to have internet access.

### MECH-15 Small Engine Repair/Maintenance

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E and MATH-80 is advised.

This course is a complete introduction to the operation, construction, maintenance, repair, and adjustment of two-cycle and four-cycle engines. It is designed for persons without prior experience in small engines. Theory and practical work including safety and the care and use of specialized tools used in small engine repair and maintenance will be covered. Examples of types of engines to be used will include lawn mower, power saw, pump, conveyor, self-propelled small carts, and any other small engines.

#### Merced Campus

- 36013 W 05:10p-07:00p Ornelas, R MA-2 W  
07:10p-10:00p Ornelas, R MA-2

Comments: Web Component which will require you to have internet access.

### MECH-21 Hydraulics

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-85AC and MATH-80 is advised

This is an introduction to the principles of hydraulics applied to farm and light industrial equipment. The course includes a study of the technical language of fluid power, including graphical symbols, industrial standards, components, and maintenance of hydraulic units.

#### Merced Campus

- 39052 MTWTh 01:00p-02:20p Donovan, T MA-2  
MTWTh 02:30p-04:40p Donovan, T MA-2  
Comments: Section 39052 is held from 10/26/20 to 12/03/20. This is a Learning Community with MECH-12-31013, MECH-21-39052, MECH-22A-39004, MECH-26-39054 MECH-30-39062 and MECH-33-39068. Web Component which requires you to have internet access.
- 39053 MTWTh 01:00p-02:20p Donovan, T MA-2  
MTWTh 02:30p-04:40p Donovan, T MA-2  
Comments: Section 39053 is held 10/26/20 to 12/03/20. Web Component which will require you to have internet access.

### MECH-22A Diesel Engines

4.0 units: 36.0 hours lec, 108.0 hours lab.

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E and MATH-80 is advised.

This course explores the operation and repair of modern diesel engines. Principles and theories are studied by operating, testing, diagnosing, disassembling and reassembling diesel engines and their components.

#### Merced Campus

- 39004 MTWTh 08:00a-08:50a Ornelas, R MA-2  
MTWTh 09:00a-11:50a Ornelas, R MA-2  
Comments: Section 39004 is held from 09/21/20 to 11/19/20. This is a Learning Community with MECH-12-31013, MECH-21-39052, MECH-22A-39004, MECH-26-39054 MECH-30-39062 and MECH-33-39068. Web Component which requires you to have internet access.
- 39005 MTWTh 08:00a-08:50a Ornelas, R MA-2  
MTWTh 09:00a-11:50a Ornelas, R MA-2  
Comments: Section 39005 is held from 09/21/20 to 11/19/20. Web Component which requires you to have internet access.

### MECH-26 Power Equipment Electrical Systems

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-85 and MATH-80 is advised

This course is a study of the fundamentals of electricity with applications to current power equipment electrical systems. Theory and service procedures will include the following systems: starting, charging, lighting, and accessories.





**Merced Campus**

- 39054 MTWTh 01:00p-02:15p Donovan, T MA-2  
 MTWTh 02:25p-04:30p Donovan, T MA-2  
 Comments: Section 39054 is held from 08/17/20 to 09/24/20. This is a Learning Community with MECH-12-31013, MECH-21-39052, MECH-22A-39004, MECH-26-39054 MECH-30-39062 and MECH-33-39068. Web Component which requires you to have internet access.
- 39055 MTWTh 01:00p-02:15p Donovan, T MA-2  
 MTWTh 02:25p-04:30p Donovan, T MA-2  
 Comments: Section 39055 is held 08/17/20 to 09/24/20. Web Component which will require you to have internet access.

**MECH-30 Equipment Mechanics Skills**

2.0 units: 18.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E and MATH-80 is advised.

This course is an introduction to skills and safety required within the Diesel Mechanics and Mechanized Agriculture areas. The course will include identification and use of hand tools and power equipment used within the equipment mechanic area. Emphasis will be placed on precision measuring and use of the following equipment: hydraulic press, pullers, cleaners, hoists, jacks, securing, dynamometers, valve grinders, boring machines, sharpening tools, reamers, hones, glass bead machine, boil out tank, forklifts, and other specialty tools. An in-depth study will also occur on fasteners and plumbing used within the equipment mechanic area.

**Merced Campus**

- 39062 MTWTh 08:00a-08:50a Ornelas, R MA-2  
 MTWTh 09:00a-11:30a Ornelas, R MA-2  
 Comments: Section 39062 is held from 08/17/20 to 09/17/20. This is a Learning Community with MECH-12-31013, MECH-21-39052, MECH-22A-39004, MECH-26-39054 MECH-30-39062 and MECH-33-39068. Web Component which requires you to have internet access.
- 39063 MTWTh 08:00a-08:50a Ornelas, R MA-2  
 MTWTh 09:00a-11:30a Ornelas, R MA-2  
 Comments: Section 39063 is held 8/17/20 to 9/17/20. Web Component which will require you to have internet access.

**MECH-31 Equipment Safety**

1.0 units: 18.0 hours lec.

Advisory: Previously taken ENGL-85E ENGL-85AC or ENGL-85E and MATH-80 is advised.

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.

**Online**

- 39066 Ornelas, R Online  
 Comments: Section 39066 is held 9/18/20 to 10/9/20. Web Component which will require you to have internet access.
- 39067 Ornelas, R Online  
 Comments: Section 39067 is held 8/21/20 to 9/11/20. Web Component which will require you to have internet access.

**MECH-33 Power Equipment Air Conditioning**

2.0 units: 18.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E and MATH-80 is advised.

This is a study of power equipment air conditioning fundamentals designed to give the student knowledge and competencies in modern power equipment HVAC systems. Current EPA regulations that govern retrofit as well as the use of refrigerant installation, diagnostic, and recycling equipment are also covered. Environmental impacts by various protection procedures are emphasized.

**Merced Campus**

- 39068 MTWTh 01:00p-01:50p Donovan, T MA-2  
 MTWTh 02:00p-05:05p Donovan, T MA-2

Comments: Section 39068 is held from 09/28/20 to 11/19/20. This is a Learning Community with MECH-12-31013, MECH-21-39052, MECH-22A-39004, MECH-26-39054 MECH-30-39062 and MECH-33-39068. Web Component which requires you to have internet access.

- 39069 MTWTh 01:00p-01:50p Donovan, T MA-2  
 MTWTh 02:00p-05:05p Donovan, T MA-2  
 Comments: Section 39069 is held 09/28/20 to 10/22/20. Web Component which will require you to have internet access.

**Medical - Non-Credit (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**

- 95903 MW 08:30a-11:30a Lawrence, A BRC-220  
 TTh 09:00a-12:00p Lawrence, A BRC-220  
 TTh 12:30p-03:30p Lawrence, A BRC-220

**Music: Applied (MUSA)****MUSA-20 Applied Music**

0.5 units: 27.0 hours lab.

Limitation on Enrollment: Students enrolling in MUSA-20 must be able to demonstrate a level of performance competence on their selected instrument or voice at a level equivalent to that of a music major attending a four-year college or university in the appropriate term of their freshman or sophomore year of studies. Advisory: Concurrent participation in an appropriate ensemble and enrollment in appropriate-level major preparation courses (Theory, Musicianship, Keyboard, etc.) This course provides for private individual instruction in voice, piano, or traditional band or orchestra instruments at a level equivalent to that of a music major in the appropriate term of the their freshman or sophomore year of music studies. It requires one lesson per week with a private instructor approved by the music department faculty. A minimum of 15 lessons must be verified. A jury examination by the music department faculty is required at the conclusion of the course. This course can be repeated three times.

**Online**

- 51137 Doiel, M Online  
 Comments: MUSA-20 Applied Music requires weekly meetings on Thursdays from 2:00-2:50PM starting 08/18/20 - 12/15/20. The Lessons and Recital are TBA.

**MUSA-25A Guitar I**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

This course is an introduction to the basic playing techniques, theory, and history of the guitar. Students will develop an essential foundation for playing the guitar while surveying its historical development and various stylistic uses in artistic, folk, and popular music.

**Online**

- 51138 Dahman, N Online

**MUSA-27A Class Piano I**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

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.

**Online**

- 51139



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

Doiel, M Online

**MUSA-27B Class Piano II**

3.0 units: 54.0 hours lec.

Prerequisite: Take MUSA-27A; Minimum grade C,P;

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

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.

**Online**

51140 Doiel, M Online

**Music: Ensemble (MUSE)****MUSE-44 Chorale**

1.0 units: 54.0 hours lab.

Limitation on Enrollment: Audition by Instructor. 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.

**Online**

51141 Simon, A Online  
Comments: MUSE-44 requires a \$25 materials fee.

**Music: General (MUSG)****MUSG-10 Music Fundamentals**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-84A is advised.

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 applies to musicians who have learned to play/sing without training in fundamentals and to beginners in music. This course is open to all students.

**Online**

51142 Wallace, E Online  
Comments: Section 51142 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: (TBA)

51143 Simon, A Online  
Comments: Section 51143 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: alexander.simon@mccd.edu.

51144 Simon, A Online  
Comments: Section 51144 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: alexander.simon@mccd.edu.

**MUSG-12 Classical Music History II**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

This course is a study of the influential composers and their works in classical music from the classical era to the present day. Emphasis is on classical, romantic, impressionistic, nationalistic, and contemporary periods in classical music history. Students will develop an understanding and appreciation of various types of classical music from different eras as a medium of cultural development and as a background for further

musical study.

**Online**

52032 Doiel, M Online  
Comments: CONTACT: doiel.m@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

**MUSG-13 Jazz Music History**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

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.

**Online**

51146 Taylor, K Online  
Comments: Section 51146 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: Ken.taylor@mccd.edu.

78629 Faria, M Online  
Comments: CONTACT: faria.m@mccd.edu Section 78629 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**MUSG-14 American Popular Music History**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85A or ENGL-85AC is advised.

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 theatre, country & western, and rock 'n' roll. This course is designed for the non-music major.

**Online**

51147 Stocking, S Online  
Comments: Section 51147 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: Stocking.s@mccd.edu.

51148 Wallace, E Online  
Comments: Section 51148 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: (TBA)

51149 Doiel, M Online  
Comments: Section 51149 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: Doiel.m@mccd.edu.

51150 Stocking, S Online  
Comments: Section 51150 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: Stocking.s@mccd.edu.

51151 Simon, A Online  
Comments: Section 51151 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: alexander.simon@mccd.edu.

51152 Simon, A Online  
Comments: Section 51152 will be offered remotely and has a web component requiring internet access; additional fees may



apply. For further information regarding this course, please contact the instructor at: alexander.simon@mccd.edu.

- 51153 Smallwood, P Online  
Comments: Section 51153 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: philip.smallwood@mccd.edu.
- 51154 Smallwood, P Online  
Comments: Section 51154 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: philip.smallwood@mccd.edu.
- 52818 Keane, F Online  
Comments: "Section 52818 meets from 8/17/20 to 10/16/20. CONTACT: keane.f@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565."
- 59003 Keane, F Online  
Comments: Section 59003 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: Keane.f@mccd.edu. Section 59003 is held from 10/19/20 to 12/18/20.
- 78631 Gomes, K Online  
Comments: CONTACT: kara.gomes@mccd.edu Section 78631 will be offered remotely and has a web component requiring internet access; additional fees may apply.

## Music: Theory (MUST)

### MUST-01 Music Theory I (Diatonic Harmony)

3.0 units: 54.0 hours lec.

Prerequisite: Take MUSG-10; Minimum grade C,P;

This course provides a thorough study of diatonic harmony found in music literature of the common practice period. This class includes an introduction to harmonic and voice-leading principles, triads & seventh chords, and harmonic progression. This course is open to all students. While previous training in music is not required, the expectation is that the student understands basic principles found in music (e.g., ability to read music, ). This class is a core requirement for the student who is pursuing an AA in music.

#### Online

- 51155 Doiel, M Online  
Comments: Section 51155 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: Doiel.m@mccd.edu.

### MUST-03 Music Theory III (chromatic Harmony)

3.0 units: 54.0 hours lec.

Prerequisite: Previously taken MUST-02 and passed with a minimum grade of C or received equivalent  
OR

Advisory: Previously taken MUSA-27B is advised

This course examines chromatic music theory as it relates to classical and popular music using skills acquired in MUS-04A and MUS-04B. This course covers concepts that help the student develop as a musician. These skills are essential to both performance and songwriting. It is open to all students interested in music who have met the prerequisites of the course. This course is a core requirement for the student who is pursuing an AA in music.

#### Online

- 51156 Doiel, M Online  
Comments: Section 51156 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: Doiel.m@mccd.edu.

### MUST-05 Aural Skills I

1.0 units: 9.0 hours lec, 27.0 hours lab.

Advisory: Previously taken MUSG-10 is advised.

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.

#### Online

- 51157 Simon, A Online

### MUST-07 Aural Skills III

1.0 units: 9.0 hours lec, 27.0 hours lab.

Prerequisite: Take MUST-06; Minimum Grade C,P;

This course applies and develops the rhythmic, melodic, and harmonic materials of Music Theory III through ear training, sight singing, analysis, and dictation.

#### Online

- 51158 Simon, A Online

## Nutrition (NUTR)

### NUTR-10 Nutrition

3.0 units: 54.0 hours lec.

Prerequisite: ENGL-01A

Advisory: Previously taken MATH-81 is advised.

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

- 31540 Cronk, L Online  
Comments: Section 31540 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: cronk.lm@mccd.edu
- 31542 Pecchenino, M Online  
Comments: Section 31542 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: pecchenino.m@mccd.edu
- 31547 Cronk, L Online  
Comments: Section 31547 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: cronk.l@mccd.edu
- 32070 Hobbs, J Online  
Comments: CONTACT: jennifer.hobbs@mccd.edu for course specific questions.
- 32071 Hobbs, J Online  
Comments: CONTACT: jennifer.hobbs@mccd.edu for course specific questions.
- 32854 Pecchenino, M Online  
Comments: Section 32854 is held 08/17/20 to 10/16/20. Section 32854 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: pecchenino.m@mccd.edu
- 32855 Pecchenino, M Online  
Comments: Section 32855 is held 10/19/20 to 12/18/20. CONTACT: pecchenino.m@mccd.edu for course-specific questions. Section 32855 has a web component requiring internet access; additional fees may apply.





## NUTR-20 Principles of Foods

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-01A MATH-91 and NUTR-44 is advised.

This course will study the application of food science principles with emphasis on ingredient function and interaction, food preparation techniques, sensory evaluation standards, food safety and sanitation, and nutritional values.

### Online

31544 Hobbs, J Online  
Comments: Section 31544 is a Learning Community with NUTR 20-31544, NUTR 25-39540, NUTR 40-31548, NUTR 44-39546, NUTR 45-39570, and NUTR 50-32860. Section 31544 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: jennifer.hobbs@mccd.edu Section 31544 requires a \$30 fee for materials.

31560 Hobbs, J Online  
Comments: Section 31560 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: jennifer.hobbs@mccd.edu Section 31560 requires a \$30 fee for materials.

## NUTR-24 Work Experience in Nutrition

1.0 units:

Advisory: Previously taken ENGL-85A or ENGL-85AC is advised.

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

31545 - 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/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.

31546 - 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/A>. 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-25 Intro to Nutrition and Food Careers

1.0 units: 18.0 hours lec.

This introductory course will orient students to careers in the culinary, dietetics, food service management and food science field. An overview of both educational and experiential requirements for professionals as well as ethics will be presented. Students will prepare portfolios, research professional organizations, and nutrition and food information literacy. In addition, students planning on taking field experience and/or volunteer work in the field will complete necessary background checks, locate and

complete vaccination records and other additional requirements.

### Online

39540 Pecchenino, M Online  
Comments: Section 39540 is held 08/17/20 to 10/14/20. This is a Learning Community with NUTR 20-31544, NUTR 25-39540, NUTR 40-31548, NUTR 44-39546, NUTR 45-39570, and NUTR 50-32860. Section 39540 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor: pecchenino.m@mccd.edu

39541 Pecchenino, M Online  
Comments: Section 39541 is held 08/17/20 to 10/14/20. Section 39541 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor: pecchenino.m@mccd.edu

## NUTR-40 Food Service Management Operations

3.0 units: 54.0 hours lec.

Advisory: Previously taken NUTR-45 and ENGL-01A is advised.

This course covers the principles of food service management for a variety of food service operations including childcare, schools, hospitals, eldercare, and restaurants. Emphasis is on food service personnel, communications and business operations.

### Online

31548 Staff, M Online  
Comments: Section 31548 will be held 09/14/20 to 12/18/20. Section 31548 is a Learning Community with NUTR 20-31544, NUTR 25-39540, NUTR 40-31548, NUTR 44-39546, NUTR 45-39570, and NUTR 50-32860. Section 31548 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor: unstaffed at the moment

31561 Staff, M Online  
Comments: Section 31548 will be held 09/14/20 to 12/18/20. Section 31561 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: unstaffed at the moment

## NUTR-44 Food Safety and Sanitation

2.0 units: 36.0 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.

### Online

39546 Staff, M Online  
Comments: Section 39546 is held from 10/19/20 to 12/16/20. This is a Learning Community with NUTR 20-31544, NUTR 25-39540, NUTR 40-31548, NUTR 44-39546, NUTR 45-39570, and NUTR 50-32860. The ServSafe Manager exam is required for all Nutrition & Foods majors. Exam fee applies. Section 39546 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: currently unstaffed

39547 Staff, M Online  
Comments: Section 39547 is held from 10/19/20 to 12/16/20. Section 39547 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: currently unstaffed. The ServSafe Manager exam is required for all Nutrition & Foods majors. Exam fee applies.





**NUTR-45 Introduction to Med Nutrition Therapy Introduction to Medical Nutrition Therapy**

2.0 units: 36.0 hours lec.

Advisory: Previously taken ENGL-01A is advised.

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.

**Online**

39570 Pecchenino, M Online  
Comments: Section 39570 is held 08/17/20 to 10/14/20. This is a Learning Community with NUTR 20-31544, NUTR 25-39540, NUTR 40-31548, NUTR 44-39546, NUTR 45-39570, and NUTR 50-32860. Section 39570 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor: pecchenino.m@mccd.edu

39571 Pecchenino, M Online  
Comments: Section 39571 is held 08/17/20 to 10/14/20. Section 39571 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: pecchenino.m@mccd.edu

**NUTR-50 Baking Basics & Business**

1.5 units: 18.0 hours lec, 27.0 hours lab.

Advisory: Previously taken MATH-80 is advised.

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.

**Online**

32860 Staff, M Online  
Comments: Section 32860 is held from 10/19/20 to 12/16/20. This is a Learning Community with NUTR 20-31544, NUTR 25-39540, NUTR 40-31548, NUTR 44-39546, NUTR 45-39570, and NUTR 50-32860. Section 32860 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: currently unstaffed.

32861 Staff, M Online  
Comments: Section 32861 is held from 10/19/20 to 12/16/20. Section 32861 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: currently unstaffed.

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

3.0 units: 54.0 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;

Advisory: Previously taken ENGL-01A is advised.

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.

**Online**

21130 Hicks, T Online  
21131 Hallman, M Online

**PHIL-05 Contemporary Ethical Issues**

3.0 units: 54.0 hours lec.

Prerequisite: Previously taken ENGL-85A or ENGL-85AC and passed with a grade of C or received an equivalent

Advisory: Previously taken ENGL-01A is recommended

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.

**Online**

21133 Hicks, T Online

**PHIL-10 Critical Thinking**

3.0 units: 54.0 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;

Advisory: Previously taken ENGL-01A is advised.

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.

**Online**

21134 Johnson, B Online  
Comments: CONTACT: Brian.johnson7720@mccd.edu  
21135 Barnes, L Online  
Comments: CONTACT: barnes.l@mccd.edu  
21136 Hicks, T Online  
21137 Barnes, L Online  
Comments: CONTACT: barnes.l@mccd.edu  
21138 Hallman, M Online  
28120 Johnson, B Online  
Comments: Section 28120 is held from 08/17/20 to 09/25/20.  
CONTACT: Brian.johnson7720@mccd.edu

**PHIL-12 Introduction to Logic**

3.0 units: 54.0 hours lec.

Prerequisite: Previously taken ENGL-85A or ENGL-85AC and passed with a minimum grade of C or received an equivalent

Advisory: Previously taken ENGL-01A is advised

This course introduces the study of valid reasoning with emphasis on deductive logic. Informal fallacies and the scientific method are also covered.

**Online**

21262 Hicks, T Online  
21263 Hicks, T Online

**PHIL-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.

**Online**

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

21213	Rocha, M	Online	Comments: Section 21213 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at rocha.m@mccd.edu
21215	Goldeen, P	Online	Comments: Section 21215 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at patricia.goldeen@mccd.edu
21217	Rempel, D	Online	Comments: Section 21217 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at denise.rempel@mccd.edu
21219	Goldeen, P	Online	Comments: Section 21219 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at patricia.goldeen@mccd.edu
21221	Goldeen, P	Online	Comments: Section 21221 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at patricia.goldeen@mccd.edu
21223	Rempel, D	Online	Comments: Section 21223 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at denise.rempel@mccd.edu
21225	Brown, G	Online	Comments: Contact: Gregory.brown2328@mccd.edu
21227	Zamora, J	Online	Comments: CONTACT: Jocias.zamora@mccd.edu
21230	Barnes, L	Online	Comments: Section 21230 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at barnes.l@mccd.edu
22055	Koepnick, S	Online	Comments: CONTACT: stephanie.koepnick@mccd.edu
22057	Rempel, D	Online	Comments: CONTACT: denise.rempel@mccd.edu
28110	Withers, M	Online	Comments: Section 28110 is held from 10/19/20 to 12/18/20. CONTACT: meg.withers@mccd.edu
28112	Withers, M	Online	Comments: Section 28112 is held from 10/19/20 to 12/18/20. CONTACT: meg.withers@mccd.edu
28116	Rempel, D	Online	Comments: Section 28116 is held from 09/28/20 to 11/06/20. CONTACT: denise.rempel@mccd.edu
28118	Rempel, D	Online	Comments: Section 28118 is held from 11/09/20 to 12/18/20. CONTACT: denise.rempel@mccd.edu
72111	Chavez, C	Online	Comments: CONTACT: chavez.c@mccd.edu
72883	Nelson, K	Online	Comments: CONTACT: kevin.nelson@mccd.edu Section 72883 is held from 11/16/20 to 12/18/20.
74647	Johnston, J	Online	Comments: CONTACT: johnston.j@mccd.edu Section 74647 will be offered remotely and has a web component requiring internet access; additional fees may apply.
74651	Kludt, K	Online	Comments: CONTACT: kevin.kludt@mccd.edu Section 74651 will be offered remotely and has a web component requiring

internet access; additional fees may apply.

74653	Flanagan, J	Online	Comments: CONTACT: james.flanagan@mccd.edu Section 74653 will be offered remotely and has a web component requiring internet access; additional fees may apply.
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### PHIL-15 Comparative Religions

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-01A is advised.

This course surveys the historical background and fundamental philosophical concepts of the major religions of the world, including Hinduism, Buddhism, Shinto, Confucianism, Judaism, Christianity, Islam, and some typical basic religions.

**Online**

21139	Hallman, M	Online
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### Photography (PHOT)

#### PHOT-10A Introduction to Photography

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-85AC is advised. Introduction to Photography covers camera and darkroom principles of black and white photography. Topics include current aesthetic trends and compositional elements, image capture techniques, exposure control, film developing, contact prints, enlargements, lighting, filters, print finishing and photo mounting.

**Online**

51039	Sousa, J	Online	Comments: PHOT-10 requires that students provide their own SLR film camera.
56028	Sousa, J	Online	Comments: PHOT-10 requires that students provide their own SLR film camera.

#### PHOT-11A Introduction to the Digital Camera

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-85AC and AOM-50C is advised.

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.

**Online**

51040	Gwartney, J	Online	Comments: Section 51040 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: Gwartney.j@mccd.edu. PHOT-11 requires that students provide their own DSLR or point and shoot digital camera and pay a \$40 materials fee.
56027	Gwartney, J	Online	Comments: Section 56027 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: Gwartney.j@mccd.edu. PHOT-11 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: 54.0 hours lec.

Advisory: Previously taken ENGL-01A is advised.

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.



**Online**

51041 Cooper, T Online  
 Comments: Section 51041 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: tricia.cooper@mccd.edu.

**Physical Science (PHSC)****PHSC-01 Introduction to Physical and Earth Science**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E and MATH-81 is advised.

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.

**Online**

11130 Khurana, P Online  
 Comments: Section 11130 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: paramdeep.khurana@mccd.edu.

**PHSC-02 Survey of Chemistry and Physics**

3.0 units: 54.0 hours lec.

Prerequisite: Take MATH-81; Minimum grade C,P;

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

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.

**Online**

11132 Evans, T Online  
 Comments: Section 11132 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: timothy.evans@mccd.edu.

72889 Huff, A Online  
 Comments: CONTACT: alison.huff@mccd.edu Section 72889 is held from 08/17/20 to 10/15/20.

**PHSC-02L Survey of Chemistry and Physics Laboratory**

1.0 units: 54.0 hours lab

One-way corequisite: Take PHSC-02

Prerequisite: MATH-81; Minimum grade C,P

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

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.

**Online**

11133 Evans, T Online  
 Comments: Section 11133 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: timothy.evans@mccd.edu.

11134 Evans, T Online  
 Comments: Section 11134 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: timothy.evans@mccd.edu.

72891 Huff, A Online  
 Comments: CONTACT: alison.huff@mccd.edu Section 72891 is held from held 08/17/20 to 10/15/20.

**Physics (PHYS)****PHYS-02A General Physics I**

4.0 units: 54.0 hours lec, 54.0 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;

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

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.

**Online**

11135 Evans, T Online  
 Comments: Section 11135 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: timothy.evans@mccd.edu.

74683 Khurana, S Online  
 Comments: CONTACT: saheba.khurana@mccd.edu Section 74683 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**PHYS-02B General Physics II**

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: Take PHYS-02A Minimum grade C,P;

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

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.

**Online**

11136 Evans, T Online  
 Comments: Section 11136 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: timothy.evans@mccd.edu.

**PHYS-04A Physics I**

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: Take MATH-04A; Minimum grade C,P;

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E and MATH-04B is advised.

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.

**Online**

- CLASSES**
- 11137 Pourtarvirdi, Z Online  
Comments: Section 11137 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: zaya.pourtavirdi@mccd.edu.
- 11138 Pourtarvirdi, Z Online  
Comments: Section 11138 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: zaya.pourtavirdi@mccd.edu.
- 11139 Khurana, P Online  
Comments: Section 11139 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: paramdeep.khurana@mccd.edu.
- 16046 Khurana, P Online  
Comments: Section 16046 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: paramdeep.khurana@mccd.edu.
- 74679 Huff, A Online  
Comments: CONTACT: alison.huff@mccd.edu Section 74679 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**PHYS-04B Physics II**

4.0 units: 54.0 hours lec, 54.0 hours lab.

One-way Corequisite: Take MATH-04B

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

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

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

**Online**

- 11140 Pourtarvirdi, Z Online  
Comments: Section 11140 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: zaya.pourtavirdi@mccd.edu.
- 11141 Pourtarvirdi, Z Online  
Comments: Section 11141 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: zaya.pourtavirdi@mccd.edu.
- 16047 Pourtarvirdi, Z Online  
Comments: Section 16047 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: zaya.pourtavirdi@mccd.edu.
- 74681 Huff, A Online  
Comments: CONTACT: alison.huff@mccd.edu Section 74681 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**PHYS-04C Physics III**

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: Take MATH-04B AND PHYS-04B; Minimum grade C,P;

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

PHYS-04C is a continuation of PHYS-04B. It emphasizes the laws of thermodynamics, relativity, and topics of modern physics.

**Online**

- 11142 Pourtarvirdi, Z Online  
Comments: Section 11142 will be offered remotely and has a web component requiring internet access; additional fees may

apply. For further information regarding this course, please contact the instructor at: zaya.pourtavirdi@mccd.edu.

**Plant Science (PLSC)****PLSC-10 Elements of Plant Science**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-85A and MATH-80 is advised. This course is designed to provide the students with a working knowl-edge 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.

**Online**

- 72123 Mosell, S Online  
Comments: Section 72123 has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: shawna.mosell@mccd.edu
- 74695 Mosell, S Online  
Comments: Section 74695 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: shawna.mosell@mccd.edu

**Merced Campus**

- 31015 - Codd, A  
TTh 04:30p-05:45p Codd, A PS-1  
Comments: Section 31015 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: andrew.codd@mccd.edu.
- 31016 - Codd, A  
MW 09:00a-10:15a Codd, A PS-1  
Comments: Section 31015 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: andrew.codd@mccd.edu.
- 31017 - Codd, A  
MW 11:30a-12:45p Codd, A PS-1  
Comments: Section 31017 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: andrew.codd@mccd.edu.
- 36014 - Codd, A  
W 07:10p-10:00p Codd, A PS-1  
Comments: Web Component which will require you to have internet access.

**PLSC-12 Weeds**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85AC and MATH-80 or MATH-85 is advised.

This is a study of classification, identification, and life cycle of common and poisonous weeds in California which are detrimental to cultivated crops, grasslands, animals, and man. Management practices include: prevention, mechanical, biological, and chemical methods. Weed establishment and chemical resistance are also covered.

**Online**

- 36015 Stoddard, C Online  
Comments: Web Component which requires you to have internet access.





**Political Science (POSC)****POSC-01 Essentials of American Political System**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

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**

51095	Carlson, J	Online
51096	Randall, R	Online
51097	Caivano, D	Online

Comments: Section 51097 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: dean.caivano@mccd.edu.

51098	Patterson, E	Online
51099	Randall, R	Online
51100	Randall, R	Online
52014	Mayate-Deandreis, L	Online

Comments: CONTACT: laura.mayate-deandre@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

52028	Patterson, E	Online
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Comments: CONTACT: elizabeth.patterson@mccd.edu for course-specific questions. For technology problems, contact the Help Desk at www.mccd.edu/myhelp/ or (209) 381-6565. Students need to log in within the first two days of class.

52815	Carlson, J	Online
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Comments: "Section 52815 meets from 11/9/20 to 12/18/20. CONTACT: jon.carlson@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565."

72125	Gardner, J	Online
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Comments: CONTACT: jennifer.gardner@mccd.edu

74697	Gardner, J	Online
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Comments: CONTACT: jennifer.gardner@mccd.edu Section 74697 will be offered remotely and has a web component requiring internet access; additional fees may apply.

74699	Gardner, J	Online
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Comments: CONTACT: jennifer.gardner@mccd.edu Section 74699 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**Psychology (PSYC)****PSYC-01A Introduction to Psychology**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

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**

51042	Clifford, J	Online
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Comments: Section 51042 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: clifford.j@mccd.edu.

51043	Daniel, M	Online
51044	Daniel, M	Online
51046	Forester, D	Online

Comments: Section 51046 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: deborah.forester@mccd.edu.

51047	Forester, D	Online
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Comments: Section 51047 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: deborah.forester@mccd.edu.

51048	Gargano, G	Online
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Comments: Section 51048 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: gargano.g@mccd.edu.

51049	Murphy, J	Online
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Comments: Section 51049 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: joel.murphy@mccd.edu.

51050	Murphy, J	Online
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Comments: Section 51050 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: joel.murphy@mccd.edu.

51051	Nichols, D	Online
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51052	Nichols, D	Online
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51053	Nichols, D	Online
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51055	Grimes, J	Online
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Comments: Section 51055 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: joanna.grimes@mccd.edu.

52015	Bera, S	Online
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52017	Adams, H	Online
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Comments: CONTACT: For Course-specific questions contact heather.adams2213@mccd.edu. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

52018	Clifford, J	Online
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Comments: CONTACT: clifford.j@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

52019	Bera, S	Online
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Comments: CONTACT: stephan.bera@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

52811	Elms, J	Online
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Comments: "Section 52811 meets from 8/17/20 to 9/25/20. CONTACT: james.elms82@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565."

52823	Allen-Ritter, L	Online
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59007	Patterson, A	Online
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Comments: Section 59007 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: alesia.patterson@mccd.edu. PSYC-01A-59007 meets Saturdays from 8/22/20 to 12/12/20 except on Sep.5 and Nov.28.

74701	Lemons, S	Online
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Comments: CONTACT: stacy.lemons@mccd.edu Section 74701 will be offered remotely and has a web component requiring internet access; additional fees may apply.



- 74703 Coahran, S Online  
Comments: CONTACT: scott.coahran@mccd.edu Section 74703 will be offered remotely and has a web component requiring internet access; additional fees may apply.
- 77983 Pierce, T Online  
Comments: CONTACT: pierce.st@mccd.edu Section 77983 will be offered remotely and has a web component requiring internet access; additional fees may apply.

### PSYC-01AH Honors Introduction to Psychology

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-01A is advised.

PSYC-01AH is an in-depth survey course designed to provide an introduction to facts and theories underlying human behavior. Special emphasis is given to the following topics: schools of psychology, physiological factors, sensation, perception, motivation, learning, thinking, emotion, abnormal behavior, personality, heredity, environment, and social factors. There will also be an emphasis on research, writing, and critical thinking.

#### Online

- 51159 Gargano, G Online  
Comments: Section 51159 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: gargano.g@mccd.edu.

### PSYC-01B Introduction to Psychological Methods

3.0 units: 54.0 hours lec.

Prerequisite: Take PSYC-01A or PSYC-01AH; Take PSYC-05 or MATH-10. Minimum grade C,P;

Advisory: Previously taken ENGL-01A is advised.

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 and various branches of modern Psychology.

#### Online

- 51056 Engelke, V Online  
Comments: Section 51056 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: vicki.lucey@mccd.edu.
- 51057 Murphy, J Online  
Comments: Section 51057 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: joel.murphy@mccd.edu.
- 51058 Forester, D Online  
Comments: Section 51058 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: deborah.forester@mccd.edu.
- 52038 Daniel, M Online  
Comments: CONTACT: daniel.m@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.
- 52822 Williamson, L Online  
Comments: "Section 52822 meets from 10/19/20 to 12/18/20. CONTACT: linda.williamson@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565."

### PSYC-05 Introduction to Statistics in Psychology

3.0 units: 54.0 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

Advisory: Previously taken ENGL-01A is advised.

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.

#### Online

- 51059 Gargano, G Online  
Comments: Section 51059 requires students to register for PSYC-95S-51060.
- 51061 Gargano, G Online  
Comments: Section 51061 requires students to register for PSYC-95S-51062.
- 51063 Gargano, G Online
- 51064 Bera, S Online  
Comments: Section 51064 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: stephan.bera@mccd.edu.
- 74705 Coahran, S Online  
Comments: CONTACT: scott.coahran@mccd.edu Section 74705 requires students to register for PSYC-95S-74713. Section 74705 will be offered remotely and has a web component requiring internet access; additional fees may apply.

### PSYC-09 Human Development

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-01A is advised.

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

- 51822 Patton, M Online  
Comments: Section 51822 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: marvin.patton@mccd.edu
- 51823 Nunez, J Online  
Comments: Section 51823 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: jose.nunez873@mccd.edu
- 52036 Grimes, J Online  
Comments: CONTACT: For course-specific questions contact joanna.grimes@mccd.edu. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.
- 52467 Bluett-Murphy, V Online  
Comments: CONTACT: victoria.bluettmurp@mccd.edu Section 52467 has a web component requiring internet access; additional fees may apply.
- 52468 Bluett-Murphy, V Online  
Comments: CONTACT: victoria.bluettmurp@mccd.edu Section 52468 has a web component requiring internet access; additional fees may apply.
- 72893 Rocha, J Online  
Comments: CONTACT: jennifer.rocha@mccd.edu Section 72893 is held from 08/17/20 to 10/15/20.
- 72895 Rocha, J Online  
Comments: CONTACT: jennifer.rocha@mccd.edu Section 72895 is held from 10/19/20 to 12/18/20.



**PSYC-22 Human Sexuality**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-01A is advised.

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**

- 51065 Engelke, V Online  
Comments: Section 51065 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: vicki.lucey@mccd.edu.
- 51066 Engelke, V Online  
Comments: Section 51066 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: vicki.lucey@mccd.edu.
- 52020 Engelke, V Online  
Comments: CONTACT: vicki.engelke@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.
- 52022 Clifford, J Online  
Comments: CONTACT: clifford.j@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.
- 56016 Clifford, J Online  
Comments: Section 56016 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: clifford.j@mccd.edu.

**PSYC-23 Personal & Social Adjustment**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

This course examines personality factors as they relate to the problems of growth and adjustment. Concepts covered in the course are personal-ity 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.

**Online**

- 51068 Murphy, J Online  
Comments: Section 51068 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: joel.murphy@mccd.edu.
- 51069 Engelke, V Online  
Comments: Section 51069 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: vicki.lucey@mccd.edu.
- 52819 Bernard, E Online  
Comments: "Section 52819 meets from 8/17/20 to 10/16/20. CONTACT: emily.bernard@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565."
- 74709 Coahran, S Online  
Comments: CONTACT: scott.coahran@mccd.edu Section 74709 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**PSYC-25 Introduction to Abnormal Psychology**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-01A is advised.

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.

**Online**

- 51070 Murphy, J Online  
Comments: Section 51070 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: joel.murphy@mccd.edu.
- 52037 Grimes, J Online  
Comments: CONTACT: For course-specific questions contact joanna.grimes@mccd.edu. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

**PSYC-36 Developmental Psychology: Adolescence**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-01A is advised.

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**

- 52023 Clifford, J Online  
Comments: CONTACT: clifford.j@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.
- 52039 Williamson, L Online  
Comments: CONTACT: linda.williamson@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

**PSYC-95S Statistics Support**

1.0 units: 54.0 hours lab.

Prerequisite: Concurrent enrollment in PSYC-05

Advisory: Previously taken ENGL-01A is advised.

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.

**Online**

- 51060 Gargano, G Online  
Comments: Section 51060 requires students to register for PSYC-05-51059.
- 51062 Gargano, G Online  
Comments: Section 51062 requires students to register for PSYC-05-51061.
- 74713 Coahran, S Online  
Comments: CONTACT: scott.coahran@mccd.edu Section 74713 requires students to register for PSYC-05-74705. Section 74713 will be offered remotely and has a web component requiring internet access; additional fees may apply.





**Radiologic Technology (RADT)****RADT-10 Introduction to Radiologic Sciences and Health Care**

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: Take ALLH-67 and RADT-50; Minimum grade C,P;

Limitation on Enrollment: Enrollment in the Diagnostic Radiologic Technology Program; Student supplied criminal background and drug screening clearances; physical evaluation within the last 6 months; negative TB screening or chest x-ray report with the last 6 months; current inoculations; annual flu vaccination; current CPR. This course provides an overview of the foundations of radiography and the practitioner's role in the health care delivery system. Students will be oriented to the administrative structure of program, health science professions and career advancement, health care environment, cultural awareness in the radiologic sciences, ethics and the law, and regulatory agencies. The basic principles of radiation protection, patient care and pharmacology will also be presented. An overview of computer fundamentals, digital imaging, computer literacy, software applications, library use, time management, study skills and a mathematics review will be presented.

**Merced Campus**

41004	-	Lang, K	
M	11:30a-02:20p	Lang, K	AHC-148

**RADT-11 Radiologic Procedures I**

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: Take BIOL-16 and ENGL-01A; Minimum grade C,P;

Advisory: Previously taken BIOL-18 is advised

Limitation on Enrollment: Enrollment in the Diagnostic Radiologic Technology Program; Minimum grade 2.75 GPA in prerequisite courses. This course is designed to provide the knowledge base necessary to perform standard imaging as it relates to radiographic anatomy and positioning of the thoracic viscera, abdomen, upper extremities, shoulder girdle, lower extremities, hip & pelvis and upper gastrointestinal tract. The laboratory portion of this course will include positioning exercises and image evaluation of these areas to achieve both accuracy and speed.

**Merced Campus**

41005	-	Abarca, R	
T	12:00p-02:50p	Abarca, R	AHC-150
41006	-	Abarca, R	
W	12:00p-02:50p	Abarca, R	AHC-150

**RADT-15A Radiologic Procedures III**

1.0 units: 9.0 hours lec, 27.0 hours lab.

This course is designed to provide a knowledge base necessary to perform standard radiographic procedures of the cranium, facial bones and paranasal sinuses. The laboratory portion of this course will include positioning exercises and image evaluation of these areas to achieve both accuracy and speed.

**Merced Campus**

49001	-	Abarca, R	
Th	10:00a-01:50p	Abarca, R	AHC-148

Comments: Section 49001 is held from 08/20/20 to 10/15/20.

**RADT-15B Clinical Education III**

5.5 units: 306.0 hours lab.

Limitation on Enrollment: Enrollment in the Diagnostic Radiologic Technology Program. This course provides continued clinical experience for application of theoretical principles and concepts covered in previous and current didactic coursework. 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**

47201 - Abarca, R

Comments: Section 47201 requires 306 hours by arrangement.

**RADT-15C Advanced Radiologic Procedures I**

2.0 units: 36.0 hours lec.

Limitation on Enrollment: Enrollment in the Diagnostic Radiologic Technology Program. This course covers advanced radiographic procedures of vascular and non-vascular procedures and interventional radiology.

**Online**

49002 Abarca, R Online

Comments: Section 49002 is held from 10/22/20 to 12/17/20.

**RADT-15D Radiographic Pathology**

1.5 units: 27.0 hours lec.

Limitation on Enrollment: Enrollment in the Diagnostic Radiologic Technology Program. This course presents an introductory study of basic disease processes, nature and causes of disease and injury and their related radiographic significance. This course is part of the third semester of a twenty-nine month program in Radiography and is only offered during fall semester.

**Online**

41007 Lang, K Online

**RADT-18A Integrative Study in Radiography**

2.0 units: 36.0 hours lec.

Limitation on Enrollment: Enrollment in the Diagnostic Radiologic Technology Program. This course covers a comprehensive analysis and assessment of all previous radiography instructional coursework in preparation for writing the national registry examination (ARRT). Job market readiness skills will also be presented.

**Online**

41008 Lang, K Online

**RADT-18B Advanced Clinical Education III**

9.0 units: 486.0 hours lab.

Limitation on Enrollment: Enrollment in the Diagnostic Radiologic Technology Program. This course provides clinical experience for reapplication 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 management and evaluation is provided.

**Merced Off-Campus**

47202 - Lang, K

Comments: Section 47202 requires 486 hours by arrangement.

**RADT-18C Sectional Anatomy**

1.0 units: 18.0 hours lec.

Limitation on Enrollment: Enrollment in the Diagnostic Radiologic Technology Program. This course covers an introduction to sectional anatomy. Emphasis will be placed on the major anatomic structures normally seen in axial sections with some coronal and sagittal sections included.

**Online**

41009 Abarca, R Online

**RADT-24 Work Experience in Radiology**

1.0 units: .

Advisory: Previously taken ENGL-85A or ENGL-85AC is advised.

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 Off-Campus**

43005 - Lang, K  
 Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for RADT-24, Work Experience in Radiologic Technology, must have a paid or volunteer work experience in place at the time registration. This 1 unit course is designed for students in the RADT program and requires completion of 60 volunteer or 75 paid hours.

43006 - Lang, K  
 Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for RADT-24, Work Experience in Radiologic Technology, must have a paid or volunteer work experience in place at the time registration. This 2 unit course is designed for students in the RADT program and requires completion of 120 volunteer or 150 paid hours.

**Real Estate (REAL)****REAL-42 Real Estate Principles**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-01A is advised

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.

**Online**

32730 Navarro, R Online  
 Comments: Section 32730 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: roy.navarro@mccd.edu

**REAL-43 Real Estate Practices**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-01A is advised

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.

**Online**

32731 Navarro, R Online  
 Comments: Section 32731 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: roy.navarro@mccd.edu

**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 or MATH-61 or MATH-62. Minimum Grade C,P;

Limitation on Enrollment: California VN license. 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**

49005 - Cazares, K WTh  
 02:00p-04:50p Cazares, K AHC-157  
 Comments: Section 49005 is held from 10/21/20 to 12/17/20.

**REGN-02 Clinical Skills Transition Lvn to Rn**

1.0 units: 54.0 hours lab.

Prerequisite: Take Regn-01; Minimum Grade C,P;

Limitation on Enrollment: California VN license, CPR Certificate, and Acceptance into the REGN Program. 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**

49006 - Roe, L  
 Comments: Section 49006 is held from 10/21/20 to 12/17/20 and requires 54 hours by arrangement.

**REGN-15 Foundations of Nursing**

9.0 units: 72.0 hours lec, 270.0 hours lab.

Two-way Corequisite: Take REGN-18

Prerequisite: Take BIOL-16, BIOL-18, BIOL-20; MATH-C or MATH-61 or MATH-62; ENGL-01A; Minimum grade C,P;

Limitation on Enrollment: 1) Enrollment in the REGN program; 2) CPR card Module AC; 3) Physical within past 6 months; 4) Negative TB screening test within past 6 months or negative chest xray within past year; 5) Proof of current immunizations; 6) Criminal background clearance; 7) Drug screening 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**

41010 - Schindler, W  
 Comments: Section 41010 requires 270 hours by arrangement.

**REGN-18 Pharmacology in Nursing Practice**

3.0 units: 54.0 hours lec.

Two-Way Corequisite: Take REGN-15

Advisory: Previously taken VOCN-46A is advised.

Limitation on Enrollment: Enrollment in the REGN Program. 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**

42000 Schindler, W Online



**REGN-24 Acute Medical/Surgical and Nursing of The Childbearing Family**

10.0 units: 90.0 hours lec, 270.0 hours lab.

Prerequisite: Take REGN-15 REGN-18; Minimum Grade C,P;

Limitation on Enrollment: Enrollment in the REGN program 2nd Semester. 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**

41011 - Smith, D

Comments: Section 41011 requires 270 hours by arrangement.

**REGN-34 Advanced Medical/Surgical Nursing And Pediatric Nursing**

10.0 units: 90.0 hours lec, 270.0 hours lab.

Prerequisite: Take REGN-01 or REGN-24; Minimum grade C,P;

Limitation on Enrollment: Enrollment in the REGN program 3rd semester; CPR card Moduel AC; physical within past 6 months; negative TB screening test within past 6 months or negative chest x-ray within past year; proof of current immunizations; criminal background clearance; drug screening. 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**

41012 - Provencio, G

Comments: Section 41012 requires 270 hours by arrangement.

**REGN-44 Acute Medical/Surgical Nursing And Mental Health Nursing**

9.0 units: 72.0 hours lec, 270.0 hours lab.

Prerequisite: Take REGN-34; Minimum grade C,P;

Limitation on Enrollment: Enrollment in the REGN program 4th semester. 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**

41013 - Grise, R

Comments: Section 41013 requires 270 hours by arrangement.

**Skills - Non-Credit (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.

**Online**

95200	Ochoa, G	Online	Comments: CONTACT: gila.ochoa@mccd.edu COMMENTS: Section 95200 will be offered remotely and has a web component requiring internet access; additional fees may apply.
95201	Ochoa, G	Online	Comments: CONTACT: gila.ochoa@mccd.edu COMMENTS: Section 95201 will be offered remotely and has a web component requiring internet access; additional fees may apply.
95202	Coleman, K	Online	Comments: CONTACT: katherine.coleman@mccd.edu COMMENTS: Section 95202 will be offered remotely and has a web component requiring internet access; additional fees may apply.
95203	Coleman, K	Online	Comments: CONTACT: katherine.coleman@mccd.edu COMMENTS: Section 95203 will be offered remotely and has a web component requiring internet access; additional fees may apply.
95204	Yang, C	Online	Comments: CONTACT: chiyileng.yang@mccd.edu COMMENTS: Section 95204 will be offered remotely and has a web component requiring internet access; additional fees may apply.
95205	Yang, C	Online	Comments: CONTACT: chiyileng.yang@mccd.edu COMMENTS: Section 95205 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**Sociology (SOC)****SOC-01 Introduction to Sociology**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-01A is advised.

This course provides an introduction into what it means to be socio-logically 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**

51071	Bishop, K	Online	Comments: Section 51071 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: katelynn.bishop@mccd.edu.
51072	Bishop, K	Online	Comments: Section 51072 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: katelynn.bishop@mccd.edu.
51074	Mirfakhraie, R	Online	
51075	Mirfakhraie, R	Online	
51076	Mirfakhraie, R	Online	
51077	Saich, E	Online	
51078	Saich, E	Online	
51080	Riley, J	Online	
51081	Riley, J	Online	
52024	Gabriella, A	Online	

Comments: CONTACT: anakira.gabriella@mccd.edu for course-specific questions. For additional information about logging into online classes, contact [www.mccd.edu/myhelp/](http://www.mccd.edu/myhelp/) or call (209) 381-6565.



- 52025 Olson, K Online  
Comments: CONTACT: kurt.olson@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.
- 52026 Bishop, K Online  
Comments: CONTACT: katelynn.bishop@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.
- 52808 Olson, K Online  
Comments: Section 52808 meets from 10/19/20 to 12/18/20. CONTACT: kurt.olson@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.
- 52813 Pierce, T Online  
Comments: Section 52813 meets from 9/28/20 to 11/6/20. CONTACT: pierce.st@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.
- 74731 Coahran, S Online  
Comments: CONTACT: scott.coahran@mccd.edu Section 74713 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**SOC-02 Contemporary Social Problems**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-01A is advised.

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.

**Online**

- 51073 Saich, E Online  
51082 Bishop, K Online  
Comments: Section 51082 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: katelynn.bishop@mccd.edu.
- 51083 Saich, E Online  
52824 Botts, J Online  
74735 Coahran, S Online  
Comments: CONTACT: scott.coahran@mccd.edu Section 74735 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**SOC-03 Marriage and the Family**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

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**

- 51084 Saich, E Online  
51085 Bishop, K Online  
Comments: Section 51085 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: katelynn.bishop@mccd.edu.
- 52027 Olson, K Online  
Comments: CONTACT: kurt.olson@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

- 52816 Shaw, M Online  
Comments: "Section 52816 meets from 11/9/20 to 12/18/20. CONTACT: marcus.shaw@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565."

**Sociology - Non-Credit (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.

**Online**

- 95901 Huerta, I Online  
Comments: CONTACT: huerta.i@mccd.edu COMMENTS: Section 95901 will be offered remotely and has a web component requiring internet access; additional fees may apply.
- 95902 Batson, L Online  
Comments: CONTACT: larhonda.batson@mccd.edu COMMENTS: Section 95202 will be offered remotely and has a web component requiring internet access; additional fees may apply.
- 95915 Huerta, I Online  
Comments: CONTACT: huerta.i@mccd.edu COMMENTS: Section 95915 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**SOCL-761 Vocational Life Planning**

0.0 units: .

Advisory: ENGL-A. This course combines the study of basic genetic principles with the study of the anatomical and physiological aspects of reproduction as they relate to animal species significant to agriculture. The genetic principles to be emphasized include basic inheritance, selection techniques, mating systems, heterosis, and performance evaluation. The reproductive aspects to include endocrinology, estrous cycles, mating behaviors, gametogenesis, conception, gestation, parturition, and maternal behaviors. Artificial insemination, embryo manipulation, and current innovations in reproductive biotechnology will also be examined.

**Online**

- 95905 Lee, P Online  
Comments: CONTACT: papith.lee@mccd.edu COMMENTS: Section 95905 will be offered remotely and has a web component requiring internet access; additional fees may apply.
- 95906 Lee, P Online  
Comments: CONTACT: papith.lee@mccd.edu COMMENTS: Section 95906 will be offered remotely and has a web component requiring internet access; additional fees may apply.
- 95907 Lee, P Online  
Comments: CONTACT: papith.lee@mccd.edu COMMENTS: Section 95907 will be offered remotely and has a web component requiring internet access; additional fees may apply.
- 95912 Lee, P Online  
Comments: CONTACT: papith.lee@mccd.edu COMMENTS: Section 95912 will be offered remotely and has a web component requiring internet access; additional fees may apply.

**Soil Science (SOIL)****SOIL-10 Soil Science**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-85AC or MATH-80 is advised 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.



Online

- 31018 Bell, S Online  
Comments: Web Component which will require you to have internet access.
- 31019 Bell, S Online  
Comments: Web Component which will require you to have internet access.
- 31020 Bell, S Online  
Comments: Web Component which will require you to have internet access.
- 31022 Bell, S Online  
Comments: Web Component which requires you to have internet access.

Spanish (SPAN)

SPAN-01 Elementary Spanish I

5.0 units: 90.0 hours lec.

Advisory: Previously taken ENGL-84A is advised.

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.

Online

- 17701 Pena, A Online  
Comments: Section 17701 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: araceli.pena@mccd.edu.
- 21144 Colomer-Flores, M Online  
Comments: Section 21144 has a web component requiring internet access; additional fees may apply.
- 21146 Colomer-Flores, M Online  
Comments: Section 21146 has a web component requiring internet access; additional fees may apply.
- 21147 Colomer-Flores, M Online  
Comments: Section 21147 has a web component requiring internet access; additional fees may apply.
- 21148 Sobalvarro, N Online  
Comments: Section 21148 has a web component requiring internet access; additional fees may apply.
- 21150 Cortes, S Online  
Comments: Section 21150 has a web component requiring internet access; additional fees may apply.
- 26105 Estrada, A Online  
Comments: Section 26105 has a web component requiring internet access; additional fees may apply.
- 28121 Garcia Diaz, M Online  
Comments: Section 28121 is held from 08/17/20 to 10/16/20. CONTACT: xxxx@mccd.edu
- 74747 Wynne, C Online  
Comments: CONTACT: wynne.c@mccd.edu Section 74747 will be offered remotely and has a web component requiring internet access; additional fees may apply.
- 74749 Wynne, C Online  
Comments: CONTACT: wynne.c@mccd.edu Section 74749 will be offered remotely and has a web component requiring internet access; additional fees may apply.

SPAN-02 Elementary Spanish II

5.0 units: 90.0 hours lec.

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

SPAN-02 is the continuation of SPAN-01. This course will focus on the further development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency. 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.

Online

- 21151 Kreide, C Online  
Comments: Section 21151 has a web component requiring internet access; additional fees may apply.
- 26106 Perez, C Online  
Comments: Section 26106 has a web component requiring internet access; additional fees may apply.

SPAN-03 Intermediate Spanish I

5.0 units: 90.0 hours lec.

Prerequisite: Take SPAN-02. Minimum grade C,P;

Advisory: Previously taken LRNR-30 is advised.

SPAN-03 is the continuation of SPAN-02 and SPAN-11. This course reviews and further develops grammatical concepts introduced in Spanish-02 and SPAN-11, as well as introduces the student to the remaining major linguistic concepts of the language. Through varied readings, composition, and discussion, the student will increase his or her vocabulary and cultural knowledge.

Online

- 26107 Estrada, A Online  
Comments: Section 26107 has a web component requiring internet access; additional fees may apply.

SPAN-10 Spanish for Spanish Speakers I

5.0 units: 90.0 hours lec.

Prerequisite: Take SPAN-02 or the equivalent; Minimum Grade C,P;

Advisory: Previously taken LRNR-30 is advised.

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 entirely conducted in Spanish.

Online

- 21152 Sobalvarro, N Online  
Comments: Section 21152 has a web component requiring internet access; additional fees may apply.
- 22048 Sobalvarro, N Online  
Comments: CONTACT: sobalvarro.n@mccd.edu
- 78747 Calderon Aragon, R Online  
Comments: CONTACT: rodrigo.calderon@mccd.edu Section 78747 will be offered remotely and has a web component requiring internet access; additional fees may apply.

Student Government (STGV)

STGV-33A Student Government I

2.0 units: 18.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-85AC is advised

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.

Online

- 81060 McGhee, S Online





**STGV-33B Student Government II**

2.0 units: 18.0 hours lec, 54.0 hours lab.

Prerequisite: Take STGV-33A; Minimum Grade C, P;

Advisory: Previously taken ENGL-85AC is advised

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.

**Online**

81061

McGhee, S Online

**STGV-33C Student Government III**

2.0 units: 18.0 hours lec, 54.0 hours lab.

Prerequisite: Take STGV-33B; Minimum Grade C,P;

Advisory: Previously taken ENGL-85AC is advised

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.

**Online**

81062

McGhee, S Online

**STGV-33D Student Government IV**

2.0 units: 18.0 hours lec, 54.0 hours lab.

Prerequisite: Take STGV-33C; Minimum Grade C,P;

Advisory: Previously taken ENGL-85AC is advised

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.

**Online**

81063

McGhee, S Online

**Training - Non-Credit (TRNG)****TRNG-768 Bus Driver Training/Recertification**

0.0 units: .

This 36-hour course is designed to improve the bus driver's public relations 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.

**Online**

95911

McCrary, E Online

Comments: CONTACT: edward.mccrary@mccd.edu COMMENTS: Section 95911 will be offered remotely and has a web component requiring internet access; additional fees may apply.

95922

McCrary, E Online

Comments: CONTACT: edward.mccrary@mccd.edu COMMENTS: Section 95922 will be offered remotely and has a

web component requiring internet access; additional fees may apply.

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

1.0 units: 54.0 hours lab.

This is a course designed to provide tutors in the Merced College Tutorial program with the opportunity to explore more fully their experiences in the program. Tutors will receive instruction in the areas of tutorial technique, group organizations, relationships with faculty and peers, evaluation techniques and content tutoring.

**Online**

29020

Flatt, S Online

Comments: Section 29010 is held from 09/07/20 to 12/04/20.

CONTACT: susan.flatt@mccd.edu

**Virtual Office (VIRT)****VIRT-50 Virtual Office**

3.0 units: 54.0 hours lec.

Advisory: Previously taken BUS-10 is advised.

Learn how to become an independent contractor/freelancer in the virtual world.

**Online**

32002

Pirtle, T Online

Comments: CONTACT: For course-specific questions contact the professor of the class toni.pirtle@mccd.edu

**VIRT-51 Social Media**

3.0 units: 54.0 hours lec.

The student will learn how to use social media platforms effectively for a business setting.

**Online**

32702

Pirtle, T Online

Comments: Section 32702 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: toni.pirtle@mccd.edu

39512

Pirtle, T Online

Comments: Section 39512 is held 09/28/20 to 10/29/20. This is a Learning Community with AOM 43-39514, AOM 50B-39508, AOM 50C-39500, AOM 52C-39502, AOM 56-39510, AOM 58A-39504, and VIRT 51-39512. Section 39512 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: toni.pirtle@mccd.edu

39513

Pirtle, T Online

Comments: Section 39513 is held 09/28/20 to 10/29/20. Section 39513 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: toni.pirtle@mccd.edu

**VIRT-55 Social Media Marketing and Strategy**

3.0 units: 54.0 hours lec.

Advisory: Previously taken VIRT-51 is advised.

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**

32800

Pirtle, T Online

Comments: Section 32800 is held 10/19/20 to 12/18/20. Section 32800 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: toni.pirtle@mccd.edu



**Vocational Nusing (VOCN)****VOCN-40 Foundations of Nursing**

11.0 units: 90.0 hours lec, 324.0 hours lab.  
 Corequisite: Take VOCN-46B and VOCN-47A  
 Prerequisite: Take ALLH-67; BIOL-16 or BIOL-50; NUTR-10;  
 VOCN-46A. Minimum grade C,P;

Limitation on Enrollment: Enrollment in the Vocational Nursing Program; current CPR Card; physical; immunizations; a negative TB skin test or negative chest x-ray within the last 6 months; background check and urine drug screen. Proof of completion of an educational course of study through the 12<sup>th</sup> grade or evidence of completion of equivalency thereof (C2530-VN Practice Act). This course covers theory, principles, and practice of fundamental nursing skills needed to care for adult patients. Health and its preservation is stressed. Interpersonal relationships, community resources, and prevention and treatment of disease are studied. Clinical experience is integrated with classroom theory, and is provided at affiliating hospitals, under direct supervision of Merced College nursing instructors. This is the first semester of nursing theory of a three-semester sequence. Clinical experience is integrated.

**Merced Campus**

41014 T 01:00p-03:50p Alvarez, C AHC-140  
 Comments: Section 41014 requires 270 hours by arrangement.

**VOCN-46A Applied Mathematics for Pharmacology**

1.0 units: 18.0 hours lec.  
 Prerequisite: Take ENGL-01A; Take MATH-A or MATH-80;  
 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.

**Online**

49003 Cazares, K Online  
 Comments: Section 49003 is held from 08/17/20 to 10/12/20.  
 49004 Roe, L Online  
 Comments: Section 49004 is held from 08/22/20 to 10/16/20.

**VOCN-46B Pharmacology for Nurses**

2.0 units: 36.0 hours lec.  
 Two-way Corequisite: Take VOCN-40 and VOCN-47A

Take VOCN-46A; Minimum grade C,P;

This is an introductory pharmacology course which uses effects and safe administration of medications. Common local and systemic drugs are studied. Nursing responsibilities and client safety are emphasized.

**Online**

41015 Thompson, L Online

**VOCN-47A Nursing Guidance I**

1.0 units: 18.0 hours lec.  
 Two-way Corequisite: Take VOCN-40 and VOCN-46B

Limitation on Enrollment: Enrollment in the Vocational Nursing program. This course examines socialization and interpersonal communications related to vocational nursing. Course topics include verbal and non-verbal communication; communication problems in the nurse-patient relationship; the hospital as a working and learning environment; self-actualization relating to the elderly; and death and dying.

**Online**

41016 Thompson, L Online

**Water/Wastewater Technology (WWT)****WWT-60 Water Treatment Plant Operations**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-84A and MATH-80 is advised. This course is an introduction to water treatment plant operations and processes. It will include the study of sources of water supply, water quality, treatment systems, and introduction to water treatment operations arithmetic. This course prepares the student to test for state certification for water treatment plant operator grade I and II

**Online**

12001 Jorritsma, C Online  
 Comments: CONTACT: curtis.jorritsma@mccd.edu COM-  
 MENTS: Section 12001 has a web component requiring internet access; additional fees may apply.

**WWT-61 Introduction to Wastewater Treatment**

3.0 units: 54.0 hours lec.

Advisory: Previously taken ENGL-01A and MATH-80 is advised.

Advisory: ENGL-A. This course combines the study of basic genetic principles with the study of the anatomical and physiological aspects of reproduction as they relate to animal species significant to agriculture. The genetic principles to be emphasized include basic inheritance, selection techniques, mating systems, heterosis, and performance evaluation. The reproductive aspects to include endocrinology, estrous cycles, mating behaviors, gametogenesis, conception, gestation, parturition, and maternal behaviors. Artificial insemination, embryo manipulation, and current innovations in reproductive biotechnology will also be examined.

**Online**

12002 Jorritsma, C Online  
 Comments: CONTACT: curtis.jorritsma@mccd.edu COM-  
 MENTS: Section 12002 has a web component requiring internet access; additional fees may apply.

**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.

Advisory: Previously taken ENGL-84A; MATH-80  
 or MATH-85 is advised.

This course emphasizes the development of minimum skill standards in welding. The Shielded Metal Arc Welding (SMAW), Oxy-Fuel Welding (OFW) and Oxy Fuel Cutting (OFC) processes are studied as prescribed in the (AWS) American Welding Society Training Qualification (QC 10) entry level standards.

**Merced Campus**

39088 FS 08:00a-09:50a Scroggins, B IT-6  
 FS 10:00a-01:00p Scroggins, B IT-6  
 Comments: Section 39088 is held 8/21/20 to 10/17/20. Web  
 Component which will require you to have internet access.

**WELD-07 Fundamentals of TIG & MIG Welding**

3.0 units: 36.0 hours lec, 54.0 hours lab.

One-way Corequisite: Take WELD-53 concurrently with  
 WELD-07

Advisory: Previously taken MATH-80 is advised.

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**

39089 FS 08:00a-10:10a Russell, C IT-6  
 FS 10:20a-01:40p Russell, C IT-6  
 Comments: Section 39089 is held 10/23/20 to 12/18/20. Web  
 Component which will require you to have internet access.



**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;

Advisory: Previously taken ENGL-84A is advised.

This course covers basic metal fabrication skills as well as the design and construction of special industrial and agricultural equipment.

**Merced Campus**

39081 MTWTh 08:00a-10:50a Scroggins, B IT-6  
 MTWTh 11:00a-03:45p Scroggins, B IT-6  
 Comments: Section 39081 is held 08/17/20 to 09/03/20. Web Component which will require you to have internet access.

**Los Banos Off-Campus**

79907 MTWTh 08:00a-10:50a Xiong, F OFLL-HBPG  
 MTWTh 11:00a-03:45p Xiong, F OFLL-HBPG  
 Comments: Section 79907 is held from 08/17/20 to 09/03/20. Web Component which will require you to have internet access. Section 79907 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.  
 79981 MTWTh 08:00a-10:50a Xiong, F OFLL-HBPG  
 MTWTh 11:00a-03:45p Xiong, F OFLL-HBPG  
 Comments: Section 79981 is for Worknet Cohort Students ONLY and is held from 08/17/20 to 09/03/20. Section 79981 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;

Advisory: Previously taken ENGL-84A is advised

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**

39082 MTWTh 08:00a-10:10a Russell, C IT-6  
 MTWTh 10:20a-01:40p Russell, C IT-6  
 Comments: Section 39082 is held 09/08/20 to 10/01/20. Web Component which will require you to have internet access.

**Los Banos Off-Campus**

79909 MTWTh 08:00a-10:10a Xiong, F OFLL-HBPG  
 MTWTh 10:20a-01:40p Xiong, F OFLL-HBPG  
 Comments: Section 79909 is held from 09/08/20 to 10/01/20. Section 79909 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.  
 79955 TTh 05:00p-06:55p Xiong, F OFLL-HBPG  
 TTh 06:55p-09:50p Xiong, F OFLL-HBPG  
 Comments: Section 79955 is held from 08/17/20 to 10/15/20. Section 79955 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.  
 79983 MTWTh 08:00a-10:10a Xiong, F OFLL-HBPG  
 MTWTh 10:20a-01:40p Xiong, F OFLL-HBPG  
 Comments: Section 79983 is for Worknet Cohort Students ONLY and is held from 9/08/20 to 10/01/20. Section 79983 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: 54.0 hours lab.

Advisory: Previously taken MATH-80 or MATH-85 and WELD-06 or MECH-06 and WELD-07 is advised.

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**

39083 MTWTh 08:00a-02:55p Scroggins, B IT-6  
 Comments: Section 39082 is held 10/5/20 to 10/15/20. Web Component which will require you to have internet access. Section 39083 includes a 30 minute lunch.  
 39085 MW 05:00p-08:00p Scroggins, B IT-6  
 Comments: Section 39085 is held 08/17/20 to 10/15/20. Web Component which will require you to have internet access.

**Los Banos Off-Campus**

79911 MTWTh 08:00a-02:55p Xiong, F OFLL-HBPG  
 Comments: Section 79911 is held from 10/05/20 to 10/15/20. Section 79911 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.  
 79957 MW 05:00p-07:50p Russell, C OFLL-HBPG  
 Comments: Section 79957 is held from 08/17/20 to 10/14/20. Section 79957 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.  
 79985 MTWTh 08:00a-02:55p Xiong, F OFLL-HBPG  
 Comments: Section 79985 is for Worknet Cohort Students ONLY and is held from 10/05/20 to 10/15/20. Section 79985 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: Previously taken WELD-07 and WELD-06 and passed with a grade of C or received an equivalent

Advisory: Previously taken ENGL-84A is advised.

Previously taken ENGL-84A is recommended

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**

39086 TTh 05:00p-05:50p Russell, C IT-6  
 TTh 06:00p-09:00p Russell, C IT-6  
 Comments: Section 39086 is held 08/17/20 to 10/15/20. Web Component which will require you to have internet access.

**WELD-52 Advanced Pipe Welding and Fitting**

2.0 units: 18.0 hours lec, 54.0 hours lab.

Prerequisite: Take WELD-51; Minimum grade C,P;

Advisory: Previously taken ENGL-84 is advised.

This course covers advanced welding processes and welding positions as well as covering advanced skills in pipe and tube fitting. This course covers advanced food processing and liquid/gas material handling industry topics.

**Merced Campus**

39087 TTh 05:00p-05:50p Russell, C IT-6  
 TTh 06:00p-09:00p Russell, C IT-6  
 Comments: Section 39087 is held 10/19/20 to 12/17/20. Web Component which will require you to have internet access.

**WELD-53 Fabrication Equipment Operation and Safety**

2.0 units: 18.0 hours lec, 54.0 hours lab.

Advisory: Previously taken ENGL-84A and ENGL-84E. is advised

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**

31029 M 07:00a-07:50a Scroggins, B IT-6  
 TWTh 07:00a-07:50a Scroggins, B IT-6  
 Comments: Section 31029 is held from 08/17/20 to 12/18/20. Web Component which will require you to have internet access.



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



**Los Banos Off-Campus**

- 74791 M 07:00a-07:50a Xiong, F OFLL-HBPG  
 TWTh 07:00a-07:50a Xiong, F OFLL-HBPG  
 Comments: Section 74791 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.
- 74795 M 07:00a-07:50a Xiong, F OFLL-HBPG  
 TWTh 07:00a-07:50a Xiong, F OFLL-HBPG  
 Comments: Section 79981 is for Worknet Cohort Students ONLY. Section 79981 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: .

Advisory: Previously taken ENGL-85A or ENGL-85AC is advised. 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**

- 23001 - Pimentel, M  
 Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-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 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.
- 23002 - Pimentel, M  
 Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-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 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.
- 23003 - Pimentel, M  
 Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-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 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.
- 23004 - Pimentel, M  
 Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.

mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-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 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.

- 23005 - Pimentel, M  
 Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-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.
- 23006 - Pimentel, M  
 Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-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.
- 23013 - 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 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.
- 23014 - 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 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.
- 23061 - Pimentel, J  
 Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-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 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.
- 23062 - Pimentel, J  
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-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 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.
- 23063 - Pimentel, J  
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-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 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.
- 23064 - Pimentel, J  
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-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 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.
- 23065 - 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.
- 23066 - 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.
- 23080 - 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

al 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.

- 23081 - 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.
- 23082 - 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.
- 23083 - 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.
- 23084 - 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.
- 23085 - 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.

### Los Banos Campus

- 73091 - Cates, K  
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registering for WORK 40 must have a paid or volunteer work position in place at the time of registration. This 1 unit course is designed for students who will work 60 volunteer or 75 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check each discipline for discipline-specific work experience options.



- 73092 - Cates, K  
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-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 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.
- 73093 - Cates, K  
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registering for WORK 40 must have a paid or volunteer work position in place at the time of registration. This 3 unit course is designed for students who will work 180 volunteer or 225 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check each discipline for discipline-specific work experience options.
- 73094 - Cates, K  
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registering for WORK 40 must have a paid or volunteer work position in place at the time of registration. This 4 unit course is designed for students who will work 240 volunteer or 300 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check each discipline for discipline-specific work experience options.
- 73095 - Cates, K  
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-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 who 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.
- 73096 - Cates, K  
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-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 who will work 360 volunteer or 450 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

Dos Palos

- 23073 - 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.
- 23074 - 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.
- 23075 - Hunger, J  
Comments: **\*\*INSTRUCTOR SIGNATURE REQUIRED\*\***  
Students registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 3 unit course is designed for students will work 180 volunteer or 225 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study.
- 23076 - 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 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.



## FALL 2020 SCHEDULE



MADE IN MERCED.  
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